



**A Network of Excellence forging the  
Multilingual Europe Technology Alliance**

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## **Documentation and User Manual of the META-SHARE Metadata Model**

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## 1. Executive Summary

The current document presents the metadata schema developed for META-SHARE, and more specifically the updated version 2.0. N.B. The document is considered as a living document inline with the META-SHARE platform, reflecting progress and changes as requested and necessary due to developments in the field.

The META-SHARE metadata schema aims at the description of Language Resources (LRs), catering in particular for the needs of the HLT community. The schema covers the following resource/media types:

- corpora (text, audio, video, multimodal/multimedia corpora incl. sensorimotor resources, n-gram resources),
- lexical/conceptual resources (e.g. computational lexica, ontologies, machine-readable dictionaries, terminological resources, thesauri, multimodal/multimedia lexica and dictionaries, etc.)
- language descriptions (e.g. computational grammars)
- technologies (tools/services) that can be used for the processing of data resources.

The present document is meant to act as a user manual, providing explanations on the model contents for LR providers and LR curators that wish to describe their resources in accordance to it.

More specifically, after a short introduction, section 3 contains an overview of the general principles of the model and section 4 focuses on the conventions used for the presentation of the model in the current document; the following sections present in detail the model contents, grouped by resource type.

## 2. Introduction

The current document reports on the metadata model proposed for the description of Language Resources (LRs) made available through META-SHARE, the open distributed facility for the sharing and exchange of resources of META-NET, and more specifically the updated version 2.0 thereof; it has been implemented as an XML schema (Appendix II).

A more detailed account of the theoretical principles and a general introduction to the model can be found in [[Gavrilidou et al., 2011](#)] & [[Labropoulou et al., 2012](#)].

## 3. Model essentials

### 3.1 Basic concepts

In the context of META-SHARE, the term **metadata** refers to descriptions of LR<sup>s</sup>, encompassing both **data** (textual, multimodal/multimedia and lexical data, grammars, language models etc.) and **technologies** (tools/services) used for their processing. These are also found in the literature as Language Resources and Technologies (LRTs).

The mechanism we have adopted is the **component-based mechanism** (Component MetaData Infrastructure, CMDI), according to which semantically coherent elements are grouped together to form components [[Broeder et al., 2008](#)].

More specifically, **elements** are used to encode specific descriptive features of the LR<sup>s</sup>. To cater for semantic consistency with other related schemas and models, links to the conceptually same or similar existing elements in the Dublin Core (DC, [www.dublincore.org](http://www.dublincore.org)) and the ISO Data Category Registry (ISO DCR, [[ISO 12620, 2009](#)]) are provided<sup>1</sup>; where necessary, the new elements will populate the ISO DCR.

In addition, the notion of **relations** has been introduced for the encoding of linking features between resources. Relations hold between the various forms of a LR (e.g. raw and annotated resource), different LR<sup>s</sup> (e.g. a language resource and the tool that has been used to create it etc.) - irrespective of whether these are included in the META-SHARE repository or not - as well as peripheral resources (e.g. standards used, related documentation etc.). Relations are represented as elements in the current schema version.

The set of all the components and elements describing specific LR types and subtypes represent the **profile** of this type. Obviously, certain components include information common to all types of resources (e.g. identification, contact, licensing information etc.) and are, thus, used for all LR<sup>s</sup>, while others (e.g. components including information on the contents, annotation etc.) differ across types.

In order to accommodate flexibility, the elements belong to two basic levels of description:

- an initial level providing the basic elements for the description of a resource (**minimal schema**), and
- a second level with a higher degree of granularity (**maximal schema**), providing detailed information on a resource and covering all stages of LR production and use.

The minimal schema contains those elements considered indispensable for LR description (from the provider's perspective) and identification (from the consumer's perspective). It takes into account the views expressed in the user survey conducted in the framework of

---

<sup>1</sup> Links are provided to the ISO DCR data categories as of 2012/02/07; as work is ongoing, these links may have to be revised and updated.

WP7 (see [[Federmann et al., 2011](#)]) concerning which features are considered sufficient to give a sound "identity" to a resource; discussions taken up within the extended metadata group<sup>2</sup> concerning the need of specific features have also fed the specifications of the minimal schema.

These two levels contain four classes of elements: the first level contains *Mandatory* (M) and *Condition-dependent mandatory* (MC) elements (i.e. to be filled in when specific conditions are met), while the second level includes *Recommended* (R) and *Optional* (O) elements.

## 3.2 The META-SHARE ontology

META-SHARE takes a global view on resources, aiming to provide users not only with a catalogue of LR (data and tools) but also with information that can be used to enhance their exploitation. For instance, research papers that document the production of a resource as well as standards used and guidelines followed are informative for LR users and advisory for prospective LR producers.

In the proposed META-SHARE ontology (Figure 1), a distinction is made between LR per se and all other related entities, such as reference documents related to the resource (papers, reports, manuals etc.), persons / organizations involved in their creation and use (creators, distributors etc.), related projects and activities (funding projects, activities of usage etc.) and licenses (for the distribution of the LR).

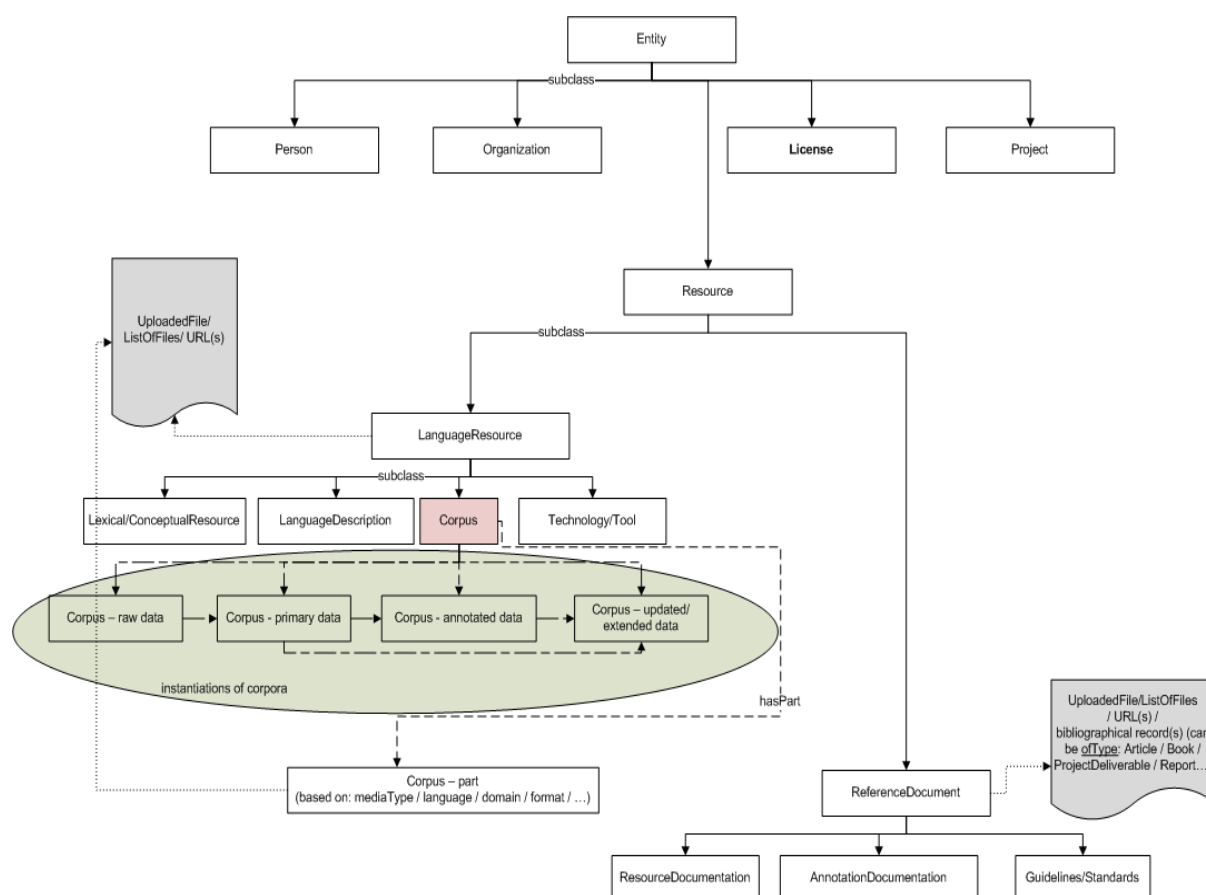
Thus, the META-SHARE model recognizes the following distinct entities:

- the *resource* itself, i.e. the LR being described, encompassing datasets and technologies,
- the *actor*, further distinguished into *person* and *organization*
- the *project*,
- the *document* and
- the *licence*.

From these, however, the main interest of META-SHARE lies in *resources*, which form the main entity to be described; *actors*, *projects*, *documents* etc. are described when the case arises, i.e. when they are linked to a specific resource. Therefore, it is not expected from META-SHARE, for instance, to provide a bibliographical list of all documents that are relevant to the HLT domain but only those documents that are related to specific resources (e.g. articles describing the creation and/or use of a resource, documentation manuals, annotation guidelines etc.).

---

<sup>2</sup>The extended metadata group includes the core metadata group consisting of the WP7 contributors, metadata contributors from the collaborating PSP projects, experts from the LR community at large and the WP8 implementation group (cf. [[Labropoulou et al. 2012](#)] for a list of the involved persons).



**Figure 1: META-SHARE ontology excerpt**

### 3.3 Proposed LR taxonomy

Central to the model is the LR taxonomy, which allows us to organize the resources in a structured way, taking into consideration the specificities of each type.

The proposed LR taxonomy constitutes an integral part of the metadata model, whereby the types of LRs (attributes and values) belong to the element set. The basic element used to categorize LRs in types that lead to coherent sets of descriptions is the **resourceType** with the following values:

- *corpus* (including written/text, oral/spoken, multimodal/multimedia corpora)
- *lexical / conceptual resource* (including terminological resources, word lists, semantic lexica, ontologies etc.)
- *language description* (including grammars)
- *tool / service* (including basic processing tools, applications, web services etc. required for processing data resources).

Central to the description of the LRs in the META-SHARE context is also the **mediaType** element, which specifies the form/physical medium of the resource. The notion of medium is

preferred over the written/spoken/multimodal distinction, as it has clearer semantics and allows us to view LRs as a set of modules, each of which can be described through a distinctive set of features. Thus, the following *mediaType* values are foreseen:

- *text*
- *audio*
- *image*
- *video*
- *textNumerical* and
- *textNgram*<sup>3</sup>.

A resource may consist of parts belonging to different types of media: for instance, a multimodal corpus includes a video part (moving image), an audio part (dialogues) and a text part (subtitles and/or transcription of the dialogues); a multimedia lexicon includes the text part, but may also include a video and/or an audio part; a sign language resource is also a resource with various media types (video, image, text). Similarly, tools can be applied to resources of different media types: e.g. a tool can be used both for video and for audio files. Thus, for each part of the resource, the respective feature set (components and elements) should be used: e.g. for a spoken corpus and its transcriptions, the audio feature set will be used for the audio part and the text feature set for the transcribed part.

### 3.4 Basic contents & structure of the model

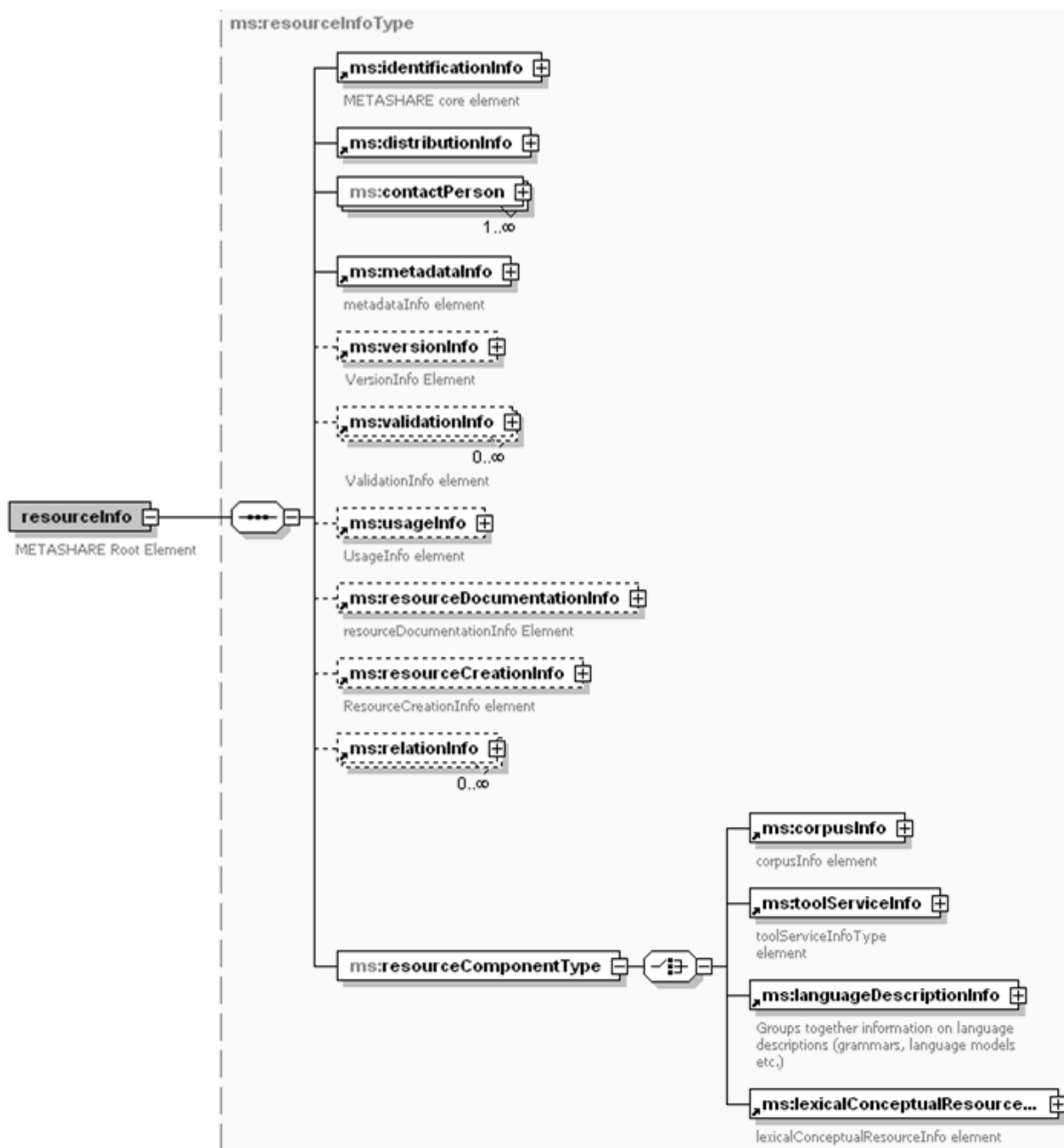
The core of the model is the *resourceInfo* component (Figure 2), which contains all the information relevant for the description of a LR. It subsumes components and elements that combine together to provide this description.

A broad distinction can be made between the "administrative" components, which are common to all LRs, and the "content-wise" components that are idiosyncratic to a specific LR type.

The LR type-specific components are all located under the *resourceComponentType* component. Similarly, for each LR type, particular medium-dependent components are created to group together sets of features relevant to each LR\_media type, given that media types and the recorded information for them differs across LR types; these are again grouped under an *xMediaType* component, where x stands for each of the LR type values.

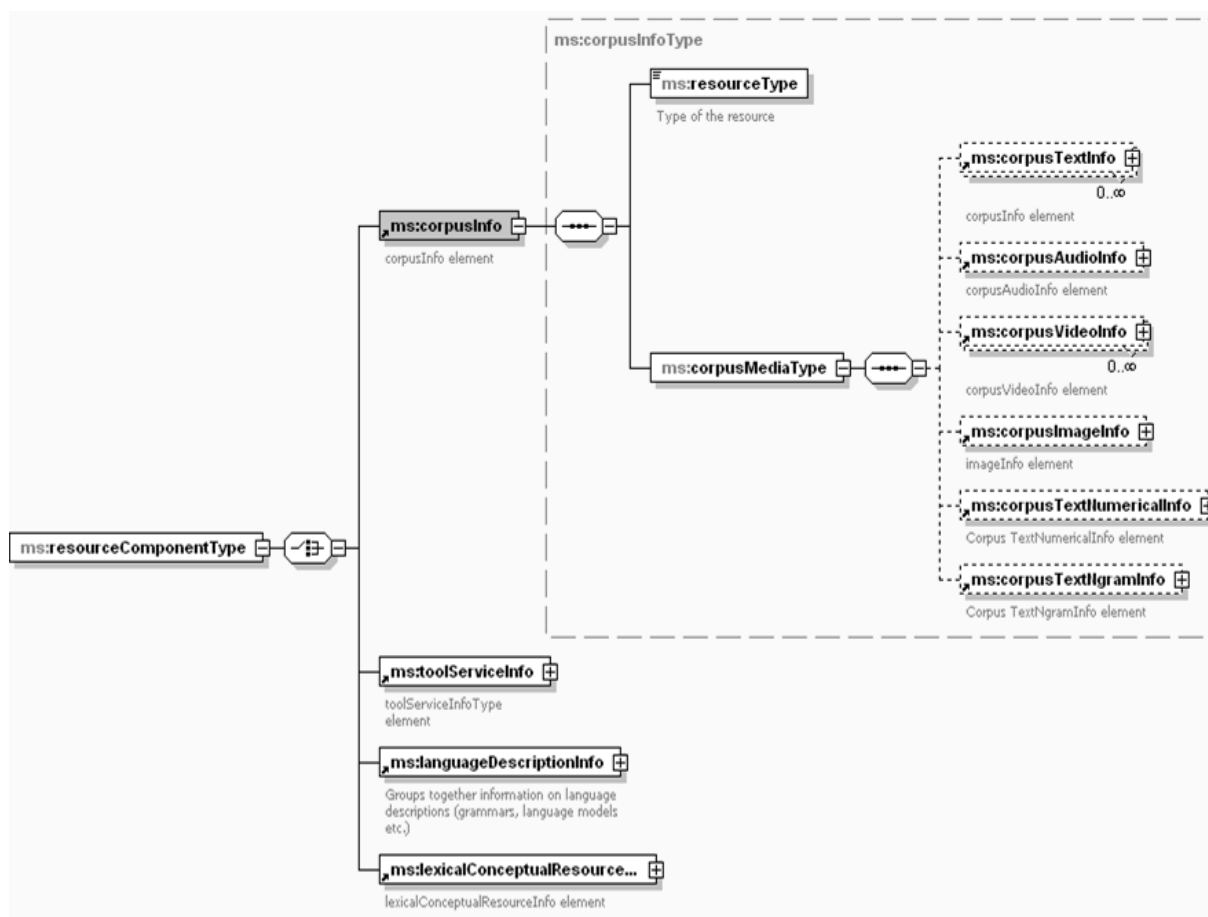
---

<sup>3</sup> It should be noted that the two values, *textNumerical* and *textNgram*, are not really distinct media types; they are actually subtypes of *text* but they present further particularities as regards their description due to their contents: numerical data (e.g. biometrical, geospatial data etc.) for the former and items with probability measures for the latter; this categorization allows us to better treat them in the metadata model.



**Figure 2: Common components for all LRs and resourceTypeInfo components**

As aforesaid, the *resourceType* and *mediaType* elements encode the two classification axes of the schema, while each of the values of these two elements is associated with the appropriate component. Figure 3 shows how the resource-type and media-type components are put together, taking corpora as an example. The set of *resourceType* and *mediaType* components includes:



**Figure 3: "Content-wise" components for corpora**

- *corpusInfo*, *lexicalConceptualResourceInfo*, *languageDescriptionInfo*, *toolServiceInfo* include information specific to each LR type and take the values *corpus*, *lexical/conceptualResource*, *languageDescription* and *toolService* for the element *resourceType* respectively
- *corpusTextInfo*, *corpusAudioInfo*, *corpusVideoInfo*, *lexicalConceptualResourceTextInfo*, *lexicalConceptualResourceVideoInfo* etc. provide information depending on the media type of each LR type and include the *mediaType* element with the values *text*, *audio*, *video* etc. accordingly.

A set of six components enjoy a "special" status, in the sense that they can be attached to various components performing different roles, namely *personInfo*, *organizationInfo*, *communicationInfo*, *projectInfo*, *sizeInfo* and *documentInfo*. For instance, *sizeInfo* can be used either for the size of a whole resource or, in combination with another component, to describe the size of parts of the resource (e.g. per domain, per language etc.); *personInfo* is used for contact persons, resource creators, license signatories, annotators of a corpus etc.

Finally, for the other entities of the model, i.e. those besides resources, special elements have been devised to allow for bulk encoding thereof independently of the resource to which these are linked. Thus, for instance, using such an element, a resource provider can upload the appropriate metadata for all persons at one go, and, then, while editing the metadata for the resources, create the appropriate links to the stored persons. These elements are not central to the model and are not explained in the current document.

## 4. Presentation structure and conventions

The following sections of the document present in detail the model. More specifically, the first section includes the "special" components of the model, followed by the components that are common to all LR types, and then the resource-type components in the following order: corpora, tools/services, language descriptions and, finally, lexical/conceptual resources.

For each **component** the following information is provided:

- **definition:** a short statement explaining the semantics of the component in META-SHARE;
- **type:** it typically takes the value "component"; the value "special status component" is used for elements that are typed as such;
- **elements:** the set of elements/components included in the component, with a hyperlink to the explanation of the element/component itself; for each element, further information is provided as to its status (*mandatory*, *condition-dependent mandatory*, *recommended*, *optional*) and repeatability (*1* for non-repeatable vs. *unbounded* for repeatable ones); if the element/component is condition-dependent<sup>4</sup>, the specific condition is mentioned
- **component:** used instead of "elements" for the special status components.

For **elements**, the accompanying information includes:

- **definition:** a short statement explaining its semantics in the META-SHARE context
- **type:** with values
  - *xs:string*: free text
  - *xs:integer/int/double*: numerical fields
  - *xs:boolean*: yes/no

---

<sup>4</sup> It should be noted that conditions are to be taken as guidelines for the metadata encoders and cannot all be automatically validated.

- *xs:date*: date, to be written according to the ISO-8601 standard
- *ms:myString*: free text in any language (the "lang" attribute must be used to specify the language of the text)
- *ms:emailAddress*: pattern of email addresses
- *ms:httpURI*: pattern of url's
- *ms:myStringURI*: either free text or pattern of url
- *closed controlled vocabulary*: the value must be selected from a list of values contained in a controlled vocabulary
- *open controlled vocabulary*: the value can be selected from a list of values contained in a controlled vocabulary, but users are also allowed to enter their own values
- value space: reference to the controlled vocabulary; where possible, widely used (best practice) or standardized, controlled vocabularies are preferred
- values: if the controlled vocabulary is specific to META-SHARE, the set of values are listed together with definitions where necessary
- examples: a small list of possible values are provided for illustration purposes, especially in the case of free text elements
- DCLINK: the name of the corresponding element of the Dublin Core schema, provided for mapping purposes
- ISocatLINK: the name of the corresponding element of the ISocat DCR
- comments: used for notes where needed.

## 5 Special status components

### 5.1 personInfo

|            |                                                                                                                                                                                              |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information relevant to persons related to the resource; to be used mainly for contact persons, resource creators, validators, annotators etc. for whom personal data can be provided |
| type       | component                                                                                                                                                                                    |
| elements   | <a href="#">surname</a><br><i>Status: mandatory</i>                                                                                                                                          |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: unbounded</i><br><a href="#">givenName</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">sex</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">position</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">communicationInfo</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">affiliation</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.1.1 surname

|             |                                                                                                                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The surname (family name) of a person related to the resource                                                                                                                                                   |
| type        | ms:myString                                                                                                                                                                                                     |
| value space |                                                                                                                                                                                                                 |
| values      |                                                                                                                                                                                                                 |
| examples    | Smith; von Kamp; de Gruyter                                                                                                                                                                                     |
| DCLINK      |                                                                                                                                                                                                                 |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-4195">http://www.isocat.org/datcat/DC-4195</a> ; ~ <a href="http://www.isocat.org/datcat/DC-2454">http://www.isocat.org/datcat/DC-2454</a> (the full name of a person) |
| comment     | To be repeated only if provided in a different language                                                                                                                                                         |

### 5.1.2 givenName

|             |                                                                                            |
|-------------|--------------------------------------------------------------------------------------------|
| definition  | The given name (first name) of a person related to the resource; initials can also be used |
| type        | ms:myString                                                                                |
| value space |                                                                                            |
| values      |                                                                                            |

|            |                                                                                                                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| examples   | John; John Jr.; J.; John K.; J.K.                                                                                                                                                                                 |
| DCLINK     |                                                                                                                                                                                                                   |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-4194">http://www.isocat.org/datcat/DC-4194</a> ; ~ <a href="http://www.isocat.org/datecat/DC-2454">http://www.isocat.org/datecat/DC-2454</a> (the full name of a person) |
| comment    | To be repeated only if provided in a different language                                                                                                                                                           |

### 5.1.3 sex

|             |                                                                                         |            |
|-------------|-----------------------------------------------------------------------------------------|------------|
| definition  | The gender of a person related to or participating in the resource                      |            |
| type        | closed controlled vocabulary                                                            |            |
| value space | MS-sex                                                                                  |            |
| values      | value                                                                                   | definition |
|             | male                                                                                    |            |
|             | female                                                                                  |            |
|             | unknown                                                                                 |            |
| examples    |                                                                                         |            |
| DCLINK      |                                                                                         |            |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2560">http://www.isocat.org/datcat/DC-2560</a> |            |

### 5.1.4 position

|             |                                                                        |  |
|-------------|------------------------------------------------------------------------|--|
| definition  | The position or the title of a person if affiliated to an organization |  |
| type        | xs:string                                                              |  |
| value space |                                                                        |  |
| values      |                                                                        |  |
| examples    | director; president of the organization; head of unit                  |  |
| DCLINK      |                                                                        |  |
| ISocatLINK  |                                                                        |  |

### 5.1.5 affiliation

|            |                                                                     |  |
|------------|---------------------------------------------------------------------|--|
| definition | Groups information on organization to whom the person is affiliated |  |
| type       | special status component                                            |  |
| component  | <a href="#">organizationInfo</a>                                    |  |

## 5.2 organizationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on organizations related to the resource                                                                                                                                                                                                                                                                                                                                                                                           |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| elements   | <p><a href="#">organizationName</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">organizationShortName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">departmentName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">communicationInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> |

### 5.2.1 organizationName

|             |                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The full name of an organization                                                                                                                                                              |
| type        | ms:myString                                                                                                                                                                                   |
| value space |                                                                                                                                                                                               |
| values      |                                                                                                                                                                                               |
| examples    | Charles University in Prague; Evaluations and Language Resources Distribution Agency; Deutsche Forschungszentrum für Künstliche Intelligenz; Jozef Stefan Institute; Fondazione Bruno Kessler |
| DCLINK      |                                                                                                                                                                                               |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2459">http://www.isocat.org/datcat/DC-2459</a>                                                                                                       |
| comment     | To be repeated only if provided in a different language                                                                                                                                       |

### 5.2.2 organizationShortName

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| definition  | The short name (abbreviation, acronym etc.) used for an organization |
| type        | ms:myString                                                          |
| value space |                                                                      |
| values      |                                                                      |

|            |                                                          |
|------------|----------------------------------------------------------|
| examples   | CUNI; ELDA; DFKI; JSI; FBK                               |
| DCLINK     |                                                          |
| ISOcatLINK |                                                          |
| comment    | To be repeated only if provided in a different language. |

### 5.2.3 departmentName

|             |                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The name of the department or unit (e.g. specific university faculty/department, department/unit of a research organization or private company etc.) |
| type        | ms:myString                                                                                                                                          |
| value space |                                                                                                                                                      |
| values      |                                                                                                                                                      |
| examples    | Institute of Formal and Applied Linguistics;Language Technology Lab                                                                                  |
| DCLINK      |                                                                                                                                                      |
| ISOcatLINK  |                                                                                                                                                      |
| comment     | To be repeated only if provided in a different language.                                                                                             |

## 5.3 communicationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on communication details of a person or an organization                                                                                                                                                                                                                                                                                                                                                                    |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| elements   | <p><a href="#">email</a></p> <p><i>Status: mandatory</i><br/><i>Repeatability: unbounded</i></p> <p><a href="#">url</a></p> <p><i>Status: optional</i><br/><i>Repeatability: unbounded</i></p> <p><a href="#">address</a></p> <p><i>Status: optional</i><br/><i>Repeatability: 1</i></p> <p><a href="#">zipCode</a></p> <p><i>Status: optional</i><br/><i>Repeatability: 1</i></p> <p><a href="#">city</a></p> <p><i>Status: optional</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                      |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: 1</i><br><a href="#">region</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">country</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">telephoneNumber</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">faxNumber</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.3.1 email

|             |                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------|
| definition  | The email address of a person or an organization                                                                    |
| type        | ms:emailAddress                                                                                                     |
| value space |                                                                                                                     |
| values      |                                                                                                                     |
| examples    |                                                                                                                     |
| DCLINK      |                                                                                                                     |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2521">http://www.isocat.org/datcat/DC-2521</a>                             |
| comment     | If it is unknown, please use the <a href="mailto:unknown@example.com">unknown@example.com</a> invalid email address |

### 5.3.2 url

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | A URL used as homepage of an entity (e.g. of a person, organization, resource etc.) and/or where an entity (e.g.LR, document etc.) is located                                                                                                                                                                                                                                                                                                                                             |
| type        | ms:httpURI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| value space |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| values      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| examples    | <a href="http://www.meta-share.eu">http://www.meta-share.eu</a> ; <a href="http://www.ilsp.gr/">http://www.ilsp.gr/</a> ;<br><a href="http://www.natcorp.ox.ac.uk/">http://www.natcorp.ox.ac.uk/</a> ; <a href="http://www.coli.uni-saarland.de/~hansu/">http://www.coli.uni-saarland.de/~hansu/</a> ;<br><a href="http://www.meta-net.eu/presentations/pdf/piperidis-et-al-may-2010-meta-share.pdf">http://www.meta-net.eu/presentations/pdf/piperidis-et-al-may-2010-meta-share.pdf</a> |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| DCLINK     |                                                                                         |
| ISOcatLINK | <a href="http://www.isocat.org/datcat/DC-2546">http://www.isocat.org/datcat/DC-2546</a> |

### 5.3.3 address

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The street and the number of the postal address of a person or organization             |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    | Wundtlaan 1; Artemidos 6 & Epidavrou                                                    |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2505">http://www.isocat.org/datcat/DC-2505</a> |

### 5.3.4 zipCode

|             |                                                                |
|-------------|----------------------------------------------------------------|
| definition  | The zip code of the postal address of a person or organization |
| type        | xs:string                                                      |
| value space |                                                                |
| values      |                                                                |
| examples    |                                                                |
| DCLINK      |                                                                |
| ISOcatLINK  |                                                                |

### 5.3.5 city

|             |                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------|
| definition  | The name of the city, town or village as mentioned in the postal address of a person or organization |
| type        | xs:string                                                                                            |
| value space |                                                                                                      |
| values      |                                                                                                      |
| examples    |                                                                                                      |
| DCLINK      |                                                                                                      |
| ISOcatLINK  |                                                                                                      |

### 5.3.6 region

|             |                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The name of the region, county or department as mentioned in the postal address of a person or organization                                                                    |
| type        | xs:string                                                                                                                                                                      |
| value space |                                                                                                                                                                                |
| values      |                                                                                                                                                                                |
| examples    |                                                                                                                                                                                |
| DCLINK      |                                                                                                                                                                                |
| ISocatLINK  |                                                                                                                                                                                |
| comment     | ~ <a href="http://www.isocat.org/datcat/DC-3814">http://www.isocat.org/datcat/DC-3814</a> (refers to the region or sub-region such as of a speech area, (federal) state, etc.) |

### 5.3.7 country

|             |                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------|
| definition  | The name of the country mentioned in the postal address of a person or organization as defined in the list of values of ISO 3166 |
| type        | closed controlled vocabulary                                                                                                     |
| value space | <a href="#">ISO 3166</a> , Codes for the representation of names of countries and their subdivisions                             |
| values      |                                                                                                                                  |
| examples    |                                                                                                                                  |
| DCLINK      |                                                                                                                                  |
| ISocatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-3792">http://www.isocat.org/datcat/DC-3792</a>                                        |
| comment     |                                                                                                                                  |

### 5.3.8 telephoneNumber

|             |                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------|
| definition  | The telephone number of a person or an organization; recommended format: +_international code_city code_number |
| type        | xs:string                                                                                                      |
| value space |                                                                                                                |
| values      |                                                                                                                |
| examples    |                                                                                                                |
| DCLINK      |                                                                                                                |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2461">http://www.isocat.org/datcat/DC-2461</a>                        |

### 5.3.9 faxNumber

|             |                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------|
| definition  | The fax number of a person or an organization; recommended format: +_international code_city code_number |
| type        | xs:string                                                                                                |
| value space |                                                                                                          |
| values      |                                                                                                          |
| examples    |                                                                                                          |
| DCLINK      |                                                                                                          |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2455">http://www.isocat.org/datcat/DC-2455</a>                  |

## 5.4 actorInfo

|            |                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Used to bring persons and organizations (in whatever role they may have with regard to the resource, e.g., resource creator, IPR holder, etc.) |
| type       | link component                                                                                                                                 |
| component  | choice<br><a href="#">personInfo</a><br><a href="#">organizationInfo</a>                                                                       |

## 5.5 projectInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on a project related to the resource (e.g. a project the resource has been used in; a funded project that led to the resource creation etc.)                                                                                                                                                                                                                                     |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                           |
| elements   | <a href="#">projectName</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">projectShortName</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">projectID</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">url</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">fundingType</a> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">fundingCountry</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">funder</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">projectStartDate</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">projectEndDate</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.5.1 projectName

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The full name of a project related to the resource                                      |
| type        | ms:myString                                                                             |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    | Technologies for the Multilingual European Information Society                          |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2537">http://www.isocat.org/datcat/DC-2537</a> |
| comment     | To be repeated only if provided in different language.                                  |

### 5.5.2 projectShortName

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | A short name or abbreviation of a project related to the resource                       |
| type        | ms:myString                                                                             |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2536">http://www.isocat.org/datcat/DC-2536</a> |
| comment     | To be repeated only if provided in different language.                                  |

### 5.5.3 projectID

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | An unambiguous referent to a project related to the resource                            |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2535">http://www.isocat.org/datcat/DC-2535</a> |

### 5.5.4 fundingType

|             |                                              |                                                  |
|-------------|----------------------------------------------|--------------------------------------------------|
| definition  | Specifies the type of funding of the project |                                                  |
| type        | open controlled vocabulary                   |                                                  |
| value space | MS-fundingType                               |                                                  |
| values      | value                                        | definition                                       |
|             | euFunds                                      | Funding coming from EU sources                   |
|             | nationalFunds                                | Funding coming from national sources             |
|             | ownFunds                                     | Funding from the resource creators's own sources |
|             | other <sup>5</sup>                           | When none of the above is applicable             |
| examples    |                                              |                                                  |
| DCLINK      |                                              |                                                  |
| ISOcatLINK  |                                              |                                                  |
| comment     | change the order of values in the xsd        |                                                  |

### 5.5.5 fundingCountry

|             |                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------|
| definition  | The name of the funding country, in case of national funding as mentioned in ISO3166                 |
| type        | controlled vocabulary                                                                                |
| value space | <a href="#">ISO 3166</a> , Codes for the representation of names of countries and their subdivisions |
| values      |                                                                                                      |

---

<sup>5</sup> Implementation pending

|            |                                                |
|------------|------------------------------------------------|
| examples   |                                                |
| DCLINK     |                                                |
| ISocatLINK |                                                |
| comment    | to be used only when fundingType=nationalFunds |

### 5.5.6 funder

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The full name of the funder of the project                                              |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2522">http://www.isocat.org/datcat/DC-2522</a> |
| comment     | to be used when the funder of the project refers to an organization, company etc.       |

### 5.5.7 projectStartDate

|             |                                                        |
|-------------|--------------------------------------------------------|
| definition  | The starting date of a project related to the resource |
| type        | xs:date                                                |
| value space |                                                        |
| values      |                                                        |
| examples    |                                                        |
| DCLINK      |                                                        |
| ISocatLINK  |                                                        |

### 5.5.8 projectEndDate

|             |                                                    |
|-------------|----------------------------------------------------|
| definition  | The end date of a project related to the resources |
| type        | xs:date                                            |
| value space |                                                    |
| values      |                                                    |
| examples    |                                                    |
| DCLINK      |                                                    |

|            |  |
|------------|--|
| ISocatLINK |  |
|------------|--|

## 5.6 sizeInfo

|            |                                                                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the size of the resource or of resource parts                                                                                            |
| type       | component                                                                                                                                                      |
| elements   | <a href="#">size</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizeUnit</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i> |

### 5.6.1 size

|             |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| definition  | Specifies the size of the resource with regard to the SizeUnit measurement in form of a number |
| type        | xs:integer                                                                                     |
| value space |                                                                                                |
| values      |                                                                                                |
| examples    |                                                                                                |
| DCLINK      |                                                                                                |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2580">http://www.isocat.org/datcat/DC-2580</a>        |
| comment     | check type in xsd                                                                              |

### 5.6.2 sizeUnit

|             |                                                                                                                                                                                                                |       |            |         |  |       |  |            |  |          |  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---------|--|-------|--|------------|--|----------|--|
| definition  | Specifies the unit that is used when providing information on the size of the resource or of resource parts                                                                                                    |       |            |         |  |       |  |            |  |          |  |
| type        | open controlled vocabulary                                                                                                                                                                                     |       |            |         |  |       |  |            |  |          |  |
| value space | MS-sizeUnit                                                                                                                                                                                                    |       |            |         |  |       |  |            |  |          |  |
| values      | <table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>entries</td><td></td></tr> <tr> <td>turns</td><td></td></tr> <tr> <td>utterances</td><td></td></tr> <tr> <td>articles</td><td></td></tr> </table> | value | definition | entries |  | turns |  | utterances |  | articles |  |
| value       | definition                                                                                                                                                                                                     |       |            |         |  |       |  |            |  |          |  |
| entries     |                                                                                                                                                                                                                |       |            |         |  |       |  |            |  |          |  |
| turns       |                                                                                                                                                                                                                |       |            |         |  |       |  |            |  |          |  |
| utterances  |                                                                                                                                                                                                                |       |            |         |  |       |  |            |  |          |  |
| articles    |                                                                                                                                                                                                                |       |            |         |  |       |  |            |  |          |  |

|                      |
|----------------------|
| files                |
| items                |
| elements             |
| units                |
| seconds              |
| minutes              |
| hours                |
| texts                |
| sentences            |
| tokens               |
| words                |
| keywords             |
| idiomaticExpressions |
| neologisms           |
| multiWordUnits       |
| expressions          |
| synsets              |
| classes              |
| concepts             |
| lexicalTypes         |
| phoneticUnits        |
| syntacticUnits       |
| semanticUnits        |
| predicates           |
| phonemes             |
| diphones             |
| T-HPairs             |
| rules                |
| syllables            |
| frames               |
| images               |
| bytes                |
| kb                   |
| mb                   |
| gb                   |
| rb                   |
| shots                |

|            |                                                                                           |
|------------|-------------------------------------------------------------------------------------------|
|            | unigram<br>bigram<br>trigram<br>4-gram<br>5-gram<br>n-gram<br>other                       |
| examples   |                                                                                           |
| DCLINK     |                                                                                           |
| ISOcatLINK | ~ <a href="http://www.isocat.org/datcat/DC-2583">http://www.isocat.org/datcat/DC-2583</a> |
| comment    |                                                                                           |

## 5.7 documentInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on all the documents reporting on various aspects of the resource (creation, usage etc.), published or unpublished; it is used in various places of the metadata schema depending on its role (e.g. usage report, validation report, annotation manual etc.)                                                                                                                                                                                                                                                      |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| elements   | <a href="#">documentType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">title</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">author</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">editor</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">year</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">publisher</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">bookTitle</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">journal</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">volume</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">series</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">pages</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">edition</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">conference</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">doi</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">url</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">ISSN</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">ISBN</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">keywords</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">documentLanguageName</a> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |                                                                                                                                                |
|--|------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">documentLanguageId</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------|

### 5.7.1 documentType

|             |                                                                             |                                                                                           |
|-------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| definition  | Specifies the type of the document provided with or related to the resource |                                                                                           |
| type        | open controlled vocabulary                                                  |                                                                                           |
| value space | MS-documentationType                                                        |                                                                                           |
| values      | value                                                                       | definition                                                                                |
|             | article                                                                     | An article from a journal or magazine                                                     |
|             | book                                                                        | A book with an explicit publisher                                                         |
|             | booklet                                                                     | A work that is printed and bound, but without a named publisher or sponsoring institution |
|             | manual                                                                      | Technical documentation                                                                   |
|             | techReport                                                                  | A report published by a school or other institution                                       |
|             | mastersThesis                                                               | A Master's thesis                                                                         |
|             | phdThesis                                                                   | A PhD thesis                                                                              |
|             | inBook                                                                      | A part of a book, which may be a chapter (or section) and/or a range of pages.            |
|             | inCollection                                                                | A part of a book having its own title                                                     |
|             | proceedings                                                                 | The proceedings of a conference                                                           |
|             | inProceedings                                                               | An article in a conference proceedings                                                    |
|             | unpublished                                                                 | A document having an author and title, but not formally published                         |
|             | other                                                                       | Use this type when nothing else fits                                                      |
| examples    |                                                                             |                                                                                           |
| DCLINK      |                                                                             |                                                                                           |
| ISocatLINK  |                                                                             |                                                                                           |

### 5.7.2 title

|            |                                                     |
|------------|-----------------------------------------------------|
| definition | The title of the document reporting on the resource |
| type       | ms:myString                                         |

|             |                                                       |
|-------------|-------------------------------------------------------|
| value space |                                                       |
| values      |                                                       |
| examples    |                                                       |
| DCLINK      |                                                       |
| ISocatLINK  |                                                       |
| comment     | To be repeated only if provided in different language |

### 5.7.3 author

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| definition  | The name(s) of the author(s), in the format described in the document |
| type        | xs:string                                                             |
| value space |                                                                       |
| values      |                                                                       |
| examples    |                                                                       |
| DCLINK      |                                                                       |
| ISocatLINK  |                                                                       |

### 5.7.4 editor

|             |                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The name of the editor as mentioned in the document                                                                                |
| type        | xs:string                                                                                                                          |
| value space |                                                                                                                                    |
| values      |                                                                                                                                    |
| examples    |                                                                                                                                    |
| DCLINK      |                                                                                                                                    |
| ISocatLINK  |                                                                                                                                    |
| comment     | If there is also an author field, then the editor field gives the editor of the book or collection in which the reference appears. |

### 5.7.5 year

|             |                                                                              |
|-------------|------------------------------------------------------------------------------|
| definition  | The year of publication or, for an unpublished work, the year it was written |
| type        | xs:date                                                                      |
| value space |                                                                              |
| values      |                                                                              |

|            |  |
|------------|--|
| examples   |  |
| DCLINK     |  |
| ISOcatLINK |  |

### 5.7.6 publisher

|             |                           |
|-------------|---------------------------|
| definition  | The name of the publisher |
| type        | xs:string                 |
| value space |                           |
| values      |                           |
| examples    |                           |
| DCLINK      |                           |
| ISOcatLINK  |                           |

### 5.7.7 bookTitle

|             |                                                   |
|-------------|---------------------------------------------------|
| definition  | The title of a book, part of which is being cited |
| type        | xs:string                                         |
| value space |                                                   |
| values      |                                                   |
| examples    |                                                   |
| DCLINK      |                                                   |
| ISOcatLINK  |                                                   |
| comment     | For book entries, use the title field instead     |

### 5.7.8 journal

|             |                                                      |
|-------------|------------------------------------------------------|
| definition  | A journal name. Abbreviations could also be provided |
| type        | xs:string                                            |
| value space |                                                      |
| values      |                                                      |
| examples    |                                                      |
| DCLINK      |                                                      |
| ISOcatLINK  |                                                      |

### 5.7.9 volume

|             |                                                       |
|-------------|-------------------------------------------------------|
| definition  | Specifies the volume of a journal or multivolume book |
| type        | xs:string                                             |
| value space |                                                       |
| values      |                                                       |
| examples    |                                                       |
| DCLINK      |                                                       |
| ISocatLINK  |                                                       |

### 5.7.10 series

|             |                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The name of a series or set of books. When citing an entire book, the title field gives its title and an optional series field gives the name of a series or multi-volume set in which the book is published |
| type        | xs:string                                                                                                                                                                                                    |
| value space |                                                                                                                                                                                                              |
| values      |                                                                                                                                                                                                              |
| examples    |                                                                                                                                                                                                              |
| DCLINK      |                                                                                                                                                                                                              |
| ISocatLINK  |                                                                                                                                                                                                              |

### 5.7.11 pages

|             |                                                   |
|-------------|---------------------------------------------------|
| definition  | One or more page numbers or range of page numbers |
| type        | xs:string                                         |
| value space |                                                   |
| values      |                                                   |
| examples    | 7; 41; 73-97                                      |
| DCLINK      |                                                   |
| ISocatLINK  |                                                   |

### 5.7.12 edition

|            |                       |
|------------|-----------------------|
| definition | The edition of a book |
| type       | xs:string             |

|             |        |
|-------------|--------|
| value space |        |
| values      |        |
| examples    | Second |
| DCLINK      |        |
| ISOcatLINK  |        |

### 5.7.13 conference

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| definition  | The name of the conference in which the document has been presented   |
| type        | xs:string                                                             |
| value space |                                                                       |
| values      |                                                                       |
| examples    | LREC 2010; EACL 2012 Workshop on Semantic Analysis in Social Networks |
| DCLINK      |                                                                       |
| ISOcatLINK  |                                                                       |

### 5.7.14 doi

|             |                                                      |
|-------------|------------------------------------------------------|
| definition  | A digital object identifier assigned to the document |
| type        | xs:string                                            |
| value space |                                                      |
| values      |                                                      |
| examples    |                                                      |
| DCLINK      |                                                      |
| ISOcatLINK  |                                                      |

### 5.7.15 ISSN

|             |                                                                     |
|-------------|---------------------------------------------------------------------|
| definition  | The International Standard Serial Number used to identify a journal |
| type        | xs:string                                                           |
| value space |                                                                     |
| values      |                                                                     |
| examples    |                                                                     |
| DCLINK      |                                                                     |
| ISOcatLINK  |                                                                     |

### 5.7.16 ISBN

|             |                                        |
|-------------|----------------------------------------|
| definition  | The International Standard Book Number |
| type        | xs:string                              |
| value space |                                        |
| values      |                                        |
| examples    |                                        |
| DCLINK      |                                        |
| ISocatLINK  |                                        |

### 5.7.17 keywords

|             |                                                                |
|-------------|----------------------------------------------------------------|
| definition  | The keyword(s) for indexing and classification of the document |
| type        | xs:string                                                      |
| value space |                                                                |
| values      |                                                                |
| examples    |                                                                |
| DCLINK      |                                                                |
| ISocatLINK  |                                                                |

### 5.7.18 documentLanguageName

|             |                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The name of the language the document is written in, as mentioned in IETF BCP47 <sup>6</sup>                                                       |
| type        | controlled vocabulary                                                                                                                              |
| value space | IETF BCP47, Codes for the representation of names of languages ( <a href="http://tools.ietf.org/html/bcp47">http://tools.ietf.org/html/bcp47</a> ) |
| values      |                                                                                                                                                    |
| examples    |                                                                                                                                                    |
| DCLINK      |                                                                                                                                                    |
| ISocatLINK  |                                                                                                                                                    |

### 5.7.19 documentLanguageId

|            |                                                                         |
|------------|-------------------------------------------------------------------------|
| definition | The id of the language the document is written in, as mentioned in IETF |
|------------|-------------------------------------------------------------------------|

---

<sup>6</sup> To be implemented in next version

|             |                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | BCP47 <sup>7</sup>                                                                                                                                    |
| type        | controlled vocabulary                                                                                                                                 |
| value space | IETF BCP47, Codes for the representation of names of languages<br>( <a href="http://tools.ietf.org/html/bcp47">http://tools.ietf.org/html/bcp47</a> ) |
| values      |                                                                                                                                                       |
| examples    |                                                                                                                                                       |
| DCLINK      |                                                                                                                                                       |
| ISOcatLINK  |                                                                                                                                                       |

## 5.8 documentationInfo

|            |                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the documentation of the resource pointing to either structured and unstructured presentation of the relevant documents |
| type       | component                                                                                                                                     |
| components | choice<br><a href="#">documentUnstructured</a><br><a href="#">documentInfo</a>                                                                |

### 5.8.1 documentUnstructured

|             |                                                                                    |
|-------------|------------------------------------------------------------------------------------|
| definition  | Provides information on documents that report on the resource in form of free text |
| type        | xs:string                                                                          |
| value space |                                                                                    |
| values      |                                                                                    |
| examples    |                                                                                    |
| DCLINK      |                                                                                    |
| ISOcatLINK  |                                                                                    |

## 5.9 targetResourceInfo

|            |                                                                                                                       |
|------------|-----------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the resource related to the one being described; can be an identifier, a resource name or a URL |
| type       | component                                                                                                             |
| elements   | <a href="#">targetResourceNameURI</a> <sup>8</sup>                                                                    |

<sup>7</sup> To be implemented in next version

<sup>8</sup> Implementation pending: reference to resource ID until identifier issues are resolved; for the time being, the relatedResourceNameURI can be used also for adding identifiers.

### 5.9.1 targetResourceNameURI

|             |                                                                                                                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------|
| definition  | The full name or a url to a resource related to the one being described; to be used for identifiers also for this version |
| type        | ms:myStringURI                                                                                                            |
| value space |                                                                                                                           |
| values      |                                                                                                                           |
| examples    |                                                                                                                           |
| DCLINK      |                                                                                                                           |
| ISocatLINK  |                                                                                                                           |

## 6 resourceInfo – Common components

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together all information required for the description of language resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| elements   | <p><a href="#">identificationInfo</a><br/> <i>Status: mandatory</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">distributionInfo</a><br/> <i>Status: mandatory</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">contactPerson</a><br/> <i>Status: mandatory</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">metadataInfo</a><br/> <i>Status: mandatory</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">versionInfo</a><br/> <i>Status: recommended</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">validationInfo</a><br/> <i>Status: recommended</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">usageInfo</a><br/> <i>Status: recommended</i><br/> <i>Repeatability: 1</i></p> |

|  |                                                                                                                                                                                                                                                                                                      |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">resourceDocumentationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">resourceCreationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">relationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i> |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 6.1 identificationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information needed to identify the resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <a href="#">resourceName</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">resourceShortName</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">description</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">url</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">metaShareId</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">identifier</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |

### 6.1.1 resourceName

|            |                                              |
|------------|----------------------------------------------|
| definition | The full name by which the resource is known |
| type       | ms:myString                                  |

|             |                                                                                                                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| value space |                                                                                                                                                                                                                 |
| values      |                                                                                                                                                                                                                 |
| examples    | British National Corpus; Penn Treebank; EXMARaLDA                                                                                                                                                               |
| DCLINK      | dc:title                                                                                                                                                                                                        |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2545">http://www.isocat.org/datcat/DC-2545</a>                                                                                                                         |
| comment     | If there are two forms (a full and a short name), please use this for the full name and "resourceShortName" for the short alternative;<br>The element could be repeated only if provided in different language. |

### 6.1.2 resourceShortName

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The short form (abbreviation, acronym etc.) used to identify the resource               |
| type        | ms:myString                                                                             |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    | BNC; PTB; HNC                                                                           |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2544">http://www.isocat.org/datcat/DC-2544</a> |
| comment     | To be repeated only if provided in different language                                   |

### 6.1.3 description

|             |                                                                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Provides the description of the resource in prose                                                                                                                                                                                                 |
| type        | ms:myString                                                                                                                                                                                                                                       |
| value space |                                                                                                                                                                                                                                                   |
| values      |                                                                                                                                                                                                                                                   |
| examples    |                                                                                                                                                                                                                                                   |
| DCLINK      | dc:description                                                                                                                                                                                                                                    |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2520">http://www.isocat.org/datcat/DC-2520</a> (A description in general prose text of the issues that are indicated by the context; it can occur at many different places in a component and profile) |
| comment     | To be repeated only if provided in different language                                                                                                                                                                                             |

### 6.1.4 metaShareId

|             |                                                           |
|-------------|-----------------------------------------------------------|
| definition  | An unambiguous referent to the resource within META-SHARE |
| type        | xs:string                                                 |
| value space |                                                           |
| values      |                                                           |
| examples    |                                                           |
| DCLINK      |                                                           |
| ISocatLINK  |                                                           |

### 6.1.5 identifier

|             |                                                                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | A reference to the resource like a pid or an internal identifier used by the resource provider; the attribute "type" is obligatorily used for further specification <sup>9</sup> |
| type        | xs:string                                                                                                                                                                        |
| value space |                                                                                                                                                                                  |
| examples    |                                                                                                                                                                                  |
| DCLINK      | dc:identifier                                                                                                                                                                    |
| ISocatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2573">http://www.isocat.org/datcat/DC-2573</a> (refers to pids only)                                                                  |

## 6.2 distributionInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the distribution of the resource                                                                                                                                                                                                                                                                                                                                                        |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                     |
| elements   | <p><a href="#">availability</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">availabilityStartDate</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">availabilityEndDate</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">licenceInfo</a></p> <p><i>Status: condition-dependent mandatory</i></p> |

<sup>9</sup> The attribute "type" is not included in the current XSD's and the editor.

|  |                                                                                                                                                                                                                                                                                   |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Condition:</i>    <i>availability="available-restrictedUse"    or    "available-unrestrictedUse"</i></p> <p><i>Repeatability:</i> <i>unbounded</i></p> <p><a href="#">iprHolder</a></p> <p><i>Status:</i> <i>optional</i></p> <p><i>Repeatability:</i> <i>unbounded</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.2.1 availability

|             |                                                                                                                                         |                                                                                      |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| definition  | Specifies the availability status of the resource; restrictionsOfUse can be further used to indicate the specific terms of availability |                                                                                      |
| type        | closed controlled vocabulary                                                                                                            |                                                                                      |
| value space | MS-availability                                                                                                                         |                                                                                      |
| values      | value                                                                                                                                   | definition                                                                           |
|             | available-unrestrictedUse                                                                                                               | For resources available with no restrictions of use                                  |
|             | available-restrictedUse                                                                                                                 | For resources available but with restrictions of uses imposed by the type of licence |
|             | notAvailableThroughMetaShare                                                                                                            | For resources that are not available through META-SHARE                              |
|             | underNegotiation                                                                                                                        | For resources that their availability is still pending                               |
| examples    |                                                                                                                                         |                                                                                      |
| DCLINK      | dc:rights                                                                                                                               |                                                                                      |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2453">http://www.isocat.org/datcat/DC-2453</a> (different values)                            |                                                                                      |

#### 6.2.1.1 availabilityStartDate

|             |                                                        |
|-------------|--------------------------------------------------------|
| definition  | Specifies the start date of availability of a resource |
| type        | xs:date                                                |
| value space |                                                        |
| values      |                                                        |
| examples    |                                                        |
| DCLINK      | dc:date                                                |
| ISOcatLINK  |                                                        |

### 6.2.1.2 availabilityEndDate

|             |                                                      |
|-------------|------------------------------------------------------|
| definition  | Specifies the end date of availability of a resource |
| type        | xs:date                                              |
| value space |                                                      |
| values      |                                                      |
| examples    |                                                      |
| DCLINK      | dc:date                                              |
| ISocatLINK  |                                                      |

### 6.2.2 licenceInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on licences for the resource; can be repeated to allow for different modes of access and restrictions of use (e.g. free for academic use, on-a-fee basis for commercial use, download of a sample for free use etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| elements   | <p><a href="#">licence</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">restrictionsOfUse</a></p> <p><i>Status: condition-dependent mandatory</i></p> <p><i>Condition: availability="available-restrictedUse"</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">userNature</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">membershipInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">distributionAccessMedium</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">downloadLocation</a></p> <p><i>Status: condition-dependent mandatory</i></p> <p><i>Condition: disrtibutionAccessMedium="downloadable"</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">executionLocation</a></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Status: condition-dependent mandatory</i></p> <p><i>Condition: distributionAccessMedium="accessibleThroughInterface" or "webExecutable"</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">price</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">attributionText</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">licensor</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">distributionRightsHolder</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.2.2.1 licence

|             |                                     |            |
|-------------|-------------------------------------|------------|
| definition  | The licence of use for the resource |            |
| type        | open controlled vocabulary          |            |
| value space | MS-license                          |            |
| values      | Value                               | definition |
|             | AGPL                                |            |
|             | LGPL                                |            |
|             | CC_BY-NC-ND                         |            |
|             | CC_BY-NC-SA                         |            |
|             | CC_BY-NC                            |            |
|             | CC_BY-ND                            |            |
|             | CC_BY-SA                            |            |
|             | CC_BY                               |            |
|             | MSCommons                           |            |
|             | ELRA_EVALUATION                     |            |
|             | ELRA_VAR                            |            |
|             | ELRA_END_USER                       |            |
|             | proprietary                         |            |
|             | CC                                  |            |

|            |                                                                                                                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | CLARIN_PUB<br>CLARIN_ACA-NC<br>CC_BY-SA_3.0<br>LGPLv3<br>CLARIN_ACA<br>CLARIN_RES<br>Princeton_Wordnet<br>GPL<br>GeneralLicenseGrant<br>GFDL<br>CC_BY-NC-SA_3.0<br>ApacheLicense_V2.0<br>BSD-style<br>underNegotiation<br>other |
| examples   |                                                                                                                                                                                                                                 |
| DCLINK     | dc:rights                                                                                                                                                                                                                       |
| ISOcatLINK | <a href="http://www.isocat.org/datcat/DC-2457">http://www.isocat.org/datcat/DC-2457</a>                                                                                                                                         |

#### 6.2.2.2 restrictionsOfUse

|             |                                                                                                                                                                                                 |            |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| definition  | Specifies the restrictions imposed by the type of the licence                                                                                                                                   |            |
| type        | open controlled vocabulary                                                                                                                                                                      |            |
| value space | MS-restrictionsOfUse                                                                                                                                                                            |            |
| values      | value<br>informLicensor<br>redeposit<br>onlyMSmembers<br>academic-nonCommercialUse<br>evaluationUse<br>commercialUse<br>attribution<br>shareAlike<br>noDerivatives<br>noRedistribution<br>other | definition |
| examples    |                                                                                                                                                                                                 |            |
| DCLINK      | dc:rights                                                                                                                                                                                       |            |

|            |  |
|------------|--|
| ISOcatLINK |  |
|------------|--|

### 6.2.2.3 userNature

|             |                                                                                                                                   |                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| definition  | The conditions imposed by the nature of the user (for instance, a research use may have different implications depending on this) |                             |
| type        | closed controlled vocabulary                                                                                                      |                             |
| value space | MS-userNature                                                                                                                     |                             |
| values      | value                                                                                                                             | definition                  |
|             | academic                                                                                                                          | For academic institutions   |
|             | commercial                                                                                                                        | For commercial institutions |
| examples    |                                                                                                                                   |                             |
| DCLINK      |                                                                                                                                   |                             |
| ISOcatLINK  |                                                                                                                                   |                             |

### 6.2.2.4 membershipInfo

|            |                                                                                                                                                                                                                        |  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| definition | The conditions imposed by the user being member of some association/institution (e.g., ELRA, LDC) distributing the resource. This indicates the availability conditions (and prices) for users who are members or not. |  |
| type       | component                                                                                                                                                                                                              |  |
| elements   | <a href="#">member</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">membershipInstitution</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i>                                  |  |

### 6.2.2.4.1 member

|             |                                     |
|-------------|-------------------------------------|
| definition  | Whether the user is a member or not |
| type        | xs:boolean                          |
| value space |                                     |
| values      |                                     |
| examples    |                                     |
| DCLINK      |                                     |
| ISOcatLINK  |                                     |

#### 6.2.2.4.2 membershipInstitution

| definition   | This lists the different institutions releasing the resources and establishing membership conditions                                                                                                     |       |            |      |  |     |  |              |  |       |  |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------|--|-----|--|--------------|--|-------|--|
| type         | open controlled vocabulary                                                                                                                                                                               |       |            |      |  |     |  |              |  |       |  |
| value space  | MS-membershipInstitution                                                                                                                                                                                 |       |            |      |  |     |  |              |  |       |  |
| values       | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>ELRA</td><td></td></tr> <tr> <td>LDC</td><td></td></tr> <tr> <td>TST-Centrale</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | ELRA |  | LDC |  | TST-Centrale |  | other |  |
| value        | definition                                                                                                                                                                                               |       |            |      |  |     |  |              |  |       |  |
| ELRA         |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |
| LDC          |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |
| TST-Centrale |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |
| other        |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |
| examples     |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |
| DCLINK       |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |
| ISocatLINK   |                                                                                                                                                                                                          |       |            |      |  |     |  |              |  |       |  |

#### 6.2.2.5 distributionAccessMedium

| definition                 | Specifies the medium (channel) used for delivery or providing access to the resource                                                                                                                                                                                                                                                                                                                                        |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---------------|--|-----------|--|----------|--|--------|--|-------|--|--------|--|--------------|--|----------------------------|--|-------|--|
| type                       | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                                  |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| value space                | MS-distributionAccessMedium                                                                                                                                                                                                                                                                                                                                                                                                 |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| values                     | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>webExecutable</td><td></td></tr> <tr> <td>paperCopy</td><td></td></tr> <tr> <td>hardDisk</td><td></td></tr> <tr> <td>bluRay</td><td></td></tr> <tr> <td>DVD-R</td><td></td></tr> <tr> <td>CD-ROM</td><td></td></tr> <tr> <td>downloadable</td><td></td></tr> <tr> <td>accessibleThroughInterface</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | webExecutable |  | paperCopy |  | hardDisk |  | bluRay |  | DVD-R |  | CD-ROM |  | downloadable |  | accessibleThroughInterface |  | other |  |
| value                      | definition                                                                                                                                                                                                                                                                                                                                                                                                                  |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| webExecutable              |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| paperCopy                  |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| hardDisk                   |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| bluRay                     |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| DVD-R                      |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| CD-ROM                     |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| downloadable               |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| accessibleThroughInterface |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| other                      |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| examples                   |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| DCLINK                     |                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |
| ISocatLINK                 | <a href="http://www.isocat.org/datcat/DC-2458">http://www.isocat.org/datcat/DC-2458</a>                                                                                                                                                                                                                                                                                                                                     |       |            |               |  |           |  |          |  |        |  |       |  |        |  |              |  |                            |  |       |  |

#### 6.2.2.6downloadLocation

|             |                                                   |
|-------------|---------------------------------------------------|
| definition  | Any url where the resource can be downloaded from |
| type        | ms:httpURI                                        |
| value space |                                                   |
| values      |                                                   |
| examples    |                                                   |
| DCLINK      |                                                   |
| ISocatLINK  |                                                   |

#### 6.2.2.7executionLocation

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Any url where the service providing access to a resource is being executed              |
| type        | ms:httpURI                                                                              |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2569">http://www.isocat.org/datcat/DC-2569</a> |

#### 6.2.2.8price

|             |                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the costs that are required to access the resource, a fragment of the resource or to use a tool or service |
| type        | xs:string                                                                                                            |
| value space |                                                                                                                      |
| values      |                                                                                                                      |
| examples    |                                                                                                                      |
| DCLINK      |                                                                                                                      |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2460">http://www.isocat.org/datcat/DC-2460</a>                              |

#### 6.2.2.9attributionText

|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| definition  | The text that must be quoted for attribution purposes when using a resource |
| type        | ms:myString                                                                 |
| value space |                                                                             |
| values      |                                                                             |
| examples    |                                                                             |

|            |  |
|------------|--|
| DCLINK     |  |
| ISOcatLINK |  |

#### 6.2.2.10 licensor

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on person who is legally eligible to licence and actually licenses the resource. The licensor could be different from the creator, the distributor or the IP rightsholder. The licensor has the necessary rights or licences to license the work and is the party that actually licenses the resource that enters the META-SHARE network. She will have obtained the necessary rights or licences from the IPR holder and she may have a distribution agreement with a distributor that disseminates the work under a set of conditions defined in the specific licence and collects revenue on the licensor's behalf. The attribution of the creator, separately from the attribution of the licensor, may be part of the licence under which the resource is distributed (as e.g. is the case with Creative Commons Licences). |
| type       | special status component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| component  | <a href="#">personInfo</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

#### 6.2.2.11 distributionRightsHolder

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on a person or an organization that holds the distribution rights. The range and scope of distribution rights is defined in the distribution agreement. The distributor in most cases only has a limited licence to distribute the work and collect royalties on behalf of the licensor or the IPR holder and cannot give to any recipient of the work permissions that exceed the scope of the distribution agreement (e.g. to allow uses of the work that are not defined in the distribution agreement) |
| type       | special status component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| component  | <a href="#">actorInfo</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DCLINK     | ~dc:publisher                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ISOcatLINK |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### 6.2.3 iprHolder

|            |                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on a person or an organization who holds the full Intellectual Property Rights (Copyright, trademark etc) that subsist in the |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

|           |                                                                                                                                                                                                                                                                                                                                      |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | resource. The IPR holder could be different from the creator that may have assigned the rights to the IPR holder (e.g. an author as a creator assigns her rights to the publisher who is the IPR holder) and the distributor that holds a specific licence (i.e. a permission) to distribute the work within the META-SHARE network. |
| type      | linked component                                                                                                                                                                                                                                                                                                                     |
| component | <a href="#">actorInfo</a>                                                                                                                                                                                                                                                                                                            |

### 6.3 contactPerson

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| definition | Groups information on the person(s) that is responsible for giving information for the resource |
| type       | linked component                                                                                |
| component  | <a href="#">personInfo</a>                                                                      |
| DCLINK     |                                                                                                 |
| ISOcatLINK |                                                                                                 |

### 6.4 metadataInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the metadata record itself                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| elements   | <p><a href="#">metadataCreationDate</a><br/> <i>Status: mandatory</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">metadataCreator</a><br/> <i>Status: optional</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">source</a><br/> <i>Status: optional</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">originalMetadataSchema</a><br/> <i>Status: optional</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">originalMetadataLink</a><br/> <i>Status: optional</i><br/> <i>Repeatability: 1</i></p> <p><a href="#">metadataLanguageName</a></p> |

|  |                                                                                                                                                                                                                                                                                                                                                   |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">metadataLanguageId</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">metadataLastDateUpdated</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">revision</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 6.4.1 metadataCreationDate

|             |                                                                                                                        |
|-------------|------------------------------------------------------------------------------------------------------------------------|
| definition  | The date of creation of this metadata description                                                                      |
| type        | xs:date                                                                                                                |
| value space |                                                                                                                        |
| values      |                                                                                                                        |
| examples    |                                                                                                                        |
| DCLINK      | dc:date                                                                                                                |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2541">http://www.isocat.org/datcat/DC-2541</a>                                |
| comment     | if the metadata record has resulted from conversion after harvesting, this is also considered the metadataCreationDate |

#### 6.4.2 metadataCreator

|            |                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the person that created the metadata in META-SHARE editor                                                          |
| type       | linked component                                                                                                                         |
| component  | <a href="#">personInfo</a>                                                                                                               |
| DCLINK     | ~dc:contributor                                                                                                                          |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2542">~http://www.isocat.org/datcat/DC-2542</a> (it refers to the name of the metadata creator) |

#### 6.4.3 source

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| definition | Refers to the catalogue or repository from which the metadata has been |
|------------|------------------------------------------------------------------------|

|             |                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------|
|             | originated.                                                                                            |
| type        | ms:myStringURI                                                                                         |
| value space |                                                                                                        |
| values      |                                                                                                        |
| examples    | OLAC; CLARIN; ELDA; LDC                                                                                |
| DCLINK      |                                                                                                        |
| ISocatLINK  |                                                                                                        |
| comment     | open issue: value to be assigned automatically depending on where the metadata has been harvested from |

#### 6.4.4 originalMetadataSchema

|             |                                                                                   |
|-------------|-----------------------------------------------------------------------------------|
| definition  | Refers to the metadata schema originally used for the description of the resource |
| type        | xs:string                                                                         |
| value space |                                                                                   |
| values      |                                                                                   |
| examples    |                                                                                   |
| DCLINK      |                                                                                   |
| ISocatLINK  |                                                                                   |

#### 6.4.5 originalMetadataLink

|             |                                                    |
|-------------|----------------------------------------------------|
| definition  | A link to the metadata of the original source      |
| type        | ms:httpURI                                         |
| value space |                                                    |
| values      |                                                    |
| examples    |                                                    |
| DCLINK      |                                                    |
| ISocatLINK  |                                                    |
| comment     | to be automatically assigned in harvesting process |

#### 6.4.6 metadataLanguageName

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| definition | The name of the language in which the metadata description is written, |
|------------|------------------------------------------------------------------------|

|             |                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|             | according to IETF BCP47 <sup>10</sup>                                                                                                              |
| type        | controlled vocabulary                                                                                                                              |
| value space | IETF BCP47, Codes for the representation of names of languages ( <a href="http://tools.ietf.org/html/bcp47">http://tools.ietf.org/html/bcp47</a> ) |
| values      |                                                                                                                                                    |
| examples    |                                                                                                                                                    |
| DCLINK      |                                                                                                                                                    |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2543">http://www.isocat.org/datcat/DC-2543</a>                                                            |
| comment     | for current version, default value should be English                                                                                               |

#### 6.4.7 metadataLanguageId

|             |                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The identifier of the language in which the metadata description is written according to IETF BCP47 <sup>11</sup>                                  |
| type        | controlled vocabulary                                                                                                                              |
| value space | IETF BCP47, Codes for the representation of names of languages ( <a href="http://tools.ietf.org/html/bcp47">http://tools.ietf.org/html/bcp47</a> ) |
| values      |                                                                                                                                                    |
| examples    |                                                                                                                                                    |
| DCLINK      |                                                                                                                                                    |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2483">http://www.isocat.org/datcat/DC-2483</a>                                                            |
| comment     | for current version, default value should be English                                                                                               |

#### 6.4.8 metadataLastDateUpdated

|             |                                                              |
|-------------|--------------------------------------------------------------|
| definition  | The date of the last updating of the metadata record         |
| type        | xs:date                                                      |
| value space |                                                              |
| values      |                                                              |
| examples    |                                                              |
| DCLINK      | dc:date                                                      |
| ISOcatLINK  |                                                              |
| comment     | to be automatically assigned each time the record is updated |

<sup>10</sup> To be implemented in next version

<sup>11</sup> To be implemented in next version

## 6.4.9 revision

|             |                                                                                          |
|-------------|------------------------------------------------------------------------------------------|
| definition  | Provides an account of the revisions in free text or a link to a document with revisions |
| type        | ms:myStringURI                                                                           |
| value space |                                                                                          |
| values      |                                                                                          |
| examples    |                                                                                          |
| DCLINK      |                                                                                          |
| ISOcatLINK  |                                                                                          |

## 6.5 versionInfo

|            |                                                                                                                                                                                                                                                                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on a specific version or release of the resource                                                                                                                                                                                                                                                                                |
| type       | component                                                                                                                                                                                                                                                                                                                                          |
| elements   | <a href="#">version</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">revision</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">lastDateUpdated</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">updateFrequency</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

### 6.5.1 version

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Any string, usually a number, that identifies the version of a resource                 |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2547">http://www.isocat.org/datcat/DC-2547</a> |

### 6.5.2 lastDateUpdated

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| definition  | Date of the last update of the version of the resource                                    |
| type        | xs:date                                                                                   |
| value space |                                                                                           |
| values      |                                                                                           |
| examples    |                                                                                           |
| DCLINK      | dc:date                                                                                   |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2526">http://www.isocat.org/datcat/DC-2526</a> |

### 6.5.3 updateFrequency

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the frequency with which the resource is updated                              |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    | yearly updated; updated each month; no update forecast                                  |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2540">http://www.isocat.org/datcat/DC-2540</a> |

## 6.6 validationInfo

|            |                                                                                                                                                                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on validation of a resource; it can be repeated to allow for different validations (e.g. formal validation of the whole resource; content validation of one part of the resource etc.).                                                                                              |
| type       | component                                                                                                                                                                                                                                                                                               |
| elements   | <p><a href="#">validated</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">validationType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">validationMode</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">validationModeDetails</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">validationExtent</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">validationExtentDetails</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizePerValidation</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">validationReport</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">validationTool</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">validator</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 6.6.1 validated

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the validation status of the resource                                         |
| type        | xs:boolean                                                                              |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2584">http://www.isocat.org/datcat/DC-2584</a> |
| comment     | please, use "yes" even for partially validated resources                                |

### 6.6.2 validationType

|            |                                                               |
|------------|---------------------------------------------------------------|
| definition | Specifies the type of the validation that have been performed |
|------------|---------------------------------------------------------------|

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| type        | closed controlled vocabulary                                                            |
| value space | MS-validationType                                                                       |
| values      | Value definition<br>formal<br>content                                                   |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2587">http://www.isocat.org/datcat/DC-2587</a> |

### 6.6.3 validationMode

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the validation methodology applied                                            |
| type        | closed controlled vocabulary                                                            |
| value space | MS-validationMode                                                                       |
| values      | value definition<br>manual<br>automatic<br>mixed<br>interactive                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2586">http://www.isocat.org/datcat/DC-2586</a> |

### 6.6.4 validationModeDetails

|             |                                                        |
|-------------|--------------------------------------------------------|
| definition  | Textual field for additional information on validation |
| type        | xs:string                                              |
| value space |                                                        |
| values      |                                                        |
| examples    |                                                        |
| DCLINK      |                                                        |
| ISOcatLINK  |                                                        |

### 6.6.5 validationExtent

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The resource coverage in terms of validated data                                        |
| type        | closed controlled vocabulary                                                            |
| value space | MS-validationExtent                                                                     |
| values      | value definition<br>full<br>partial                                                     |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2586">http://www.isocat.org/datcat/DC-2586</a> |

### 6.6.6 validationExtentDetails

|             |                                                                                                                                                                                                                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Provides information on size or other details of partially validated data; to be used if only part of the resource has been validated and as an alternative to SizeInfo if the validated part cannot be counted otherwise |
| type        | xs:string                                                                                                                                                                                                                 |
| value space |                                                                                                                                                                                                                           |
| values      |                                                                                                                                                                                                                           |
| examples    |                                                                                                                                                                                                                           |
| DCLINK      |                                                                                                                                                                                                                           |
| ISocatLINK  |                                                                                                                                                                                                                           |
| comment     | to be used if only part of the resource has been validated and as an alternative to sizePerValidationType if the validated part cannot be counted otherwise                                                               |

### 6.6.7 sizePerValidation

|            |                                                        |
|------------|--------------------------------------------------------|
| definition | Specifies the size of the validated part of a resource |
| type       | linked component                                       |
| component  | <a href="#">sizeInfo</a>                               |

### 6.6.8 validationReport

|            |                                                                              |
|------------|------------------------------------------------------------------------------|
| definition | A short account of the validation details or a link to the validation report |
| type       | linked component                                                             |

|            |                                   |
|------------|-----------------------------------|
| component  | <a href="#">documentationInfo</a> |
| DCLINK     |                                   |
| ISOcatLINK |                                   |

### 6.6.9 validationTool

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| definition | The name, the identifier or the url of the tool used for the validation of the resource |
| type       | linked component                                                                        |
| component  | <a href="#">targetResourceInfo</a>                                                      |
| DCLINK     |                                                                                         |
| ISOcatLINK |                                                                                         |

### 6.6.10 validator

|            |                                                                                                                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the person(s) or the organization(s) that validated the resource                                                                                                                     |
| type       | linked component                                                                                                                                                                                           |
| component  | <a href="#">actorInfo</a>                                                                                                                                                                                  |
| DCLINK     |                                                                                                                                                                                                            |
| ISOcatLINK | participant role ( <a href="http://www.isocat.org/datcat/DC-2559">http://www.isocat.org/datcat/DC-2559</a> ) is used for all the functional roles of persons participating in the content of the resource. |

## 6.7 usageInfo

|            |                                                                                                                                                                                                                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on usage of the resource (both intended and actual use)                                                                                                                                                                                                                           |
| type       | component                                                                                                                                                                                                                                                                                            |
| elements   | <a href="#">accessTool</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">resourceAssociatedWith</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">foreseenUseInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i> |

|  |                                                                                                |
|--|------------------------------------------------------------------------------------------------|
|  | <a href="#">actualUseInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i> |
|--|------------------------------------------------------------------------------------------------|

### 6.7.1 accessTool

|            |                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------|
| definition | The name or the identifier or the url of the tool used to access a resource (e.g. a corpus workbench) |
| type       | linked component                                                                                      |
| component  | <a href="#">targetResourceInfo</a>                                                                    |
| examples   | a workbench used for accessing a corpus                                                               |
| DCLINK     |                                                                                                       |
| ISOcatLINK | ~ <a href="http://www.isocat.org/datcat/DC-2514">http://www.isocat.org/datcat/DC-2514</a>             |

### 6.7.2 resourceAssociatedWith

|            |                                                                                      |
|------------|--------------------------------------------------------------------------------------|
| definition | Refers to another resource that the resource described uses for its operation        |
| type       | linked component                                                                     |
| component  | <a href="#">targetResourceInfo</a>                                                   |
| examples   | a tagger using a lexicon as one of its components; a corpus used for training a tool |
| DCLINK     |                                                                                      |
| ISOcatLINK |                                                                                      |

### 6.7.3 foreseenUseInfo

|            |                                                                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the use for which the resource is created                                                                                                                       |
| type       | component                                                                                                                                                                             |
| elements   | <a href="#">foreseenUse</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">useNLPSpecific</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i> |

### 6.7.3.1 foreseenUse

|             |                                                                                                                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Classification of the intended use of the resource                                                                                                                                                                         |
| type        | closed controlled vocabulary                                                                                                                                                                                               |
| value space | MS-foreseenUse                                                                                                                                                                                                             |
| values      | <div>value</div> <div>definition</div> <div>humanUse</div> <div>nlpApplications</div>                                                                                                                                      |
| examples    |                                                                                                                                                                                                                            |
| DCLINK      |                                                                                                                                                                                                                            |
| ISOcatLINK  |                                                                                                                                                                                                                            |
| comment     | if foreseenUse=nlpApplications, specify all nlp applications in the same component; if foreseenUse is both humanUse and nlpApplications, then the component must be repeated, one for humanUse and one for nlpApplications |

### 6.7.3.2 useNLPSpecific

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the NLP application for which the resource is created or the application in which it has actually been used.                                                                                                                                                                                                                                                                                                                                                                                             |
| type        | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| value space | MS-useNLPSpecific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| values      | <div>value</div> <div>definition</div> <div>parsing</div> <div>contradictionDetection</div> <div>opinionMining</div> <div>wordSenseDisambiguation</div> <div>voiceControl</div> <div>topicDetection_Tracking</div> <div>textualEntailment</div> <div>textMining</div> <div>textCategorisation</div> <div>terminologyExtraction</div> <div>summarisation</div> <div>spellChecking</div> <div>speechUnderstanding</div> <div>speechToSpeechTranslation</div> <div>speechSynthesis</div> <div>speechRecognition</div> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>signLanguageRecognition</p> <p>signLanguageGeneration</p> <p>semanticWeb</p> <p>questionAnswering</p> <p>informationExtraction</p> <p>posTagging</p> <p>personIdentification</p> <p>naturalLanguageUnderstanding</p> <p>naturalLanguageGeneration</p> <p>namedEntityRecognition</p> <p>multimediaDocumentProcessing</p> <p>morphosyntacticTagging</p> <p>morphologicalAnalysis</p> <p>linguisticResearch</p> <p>lexiconEnhancement</p> <p>lemmatization</p> <p>languageModelsTraining</p> <p>languageModelling</p> <p>languageIdentification</p> <p>knowledgeRepresentation</p> <p>knowledgeDiscovery</p> <p>emotionRecognition</p> <p>emotionGeneration</p> <p>documentClassification</p> <p>derivationalMorphologicalAnalysis</p> <p>coreferenceResolution</p> <p>bilingualLexiconInduction</p> <p>annotation</p> <p>webServices</p> <p>eventExtraction</p> <p>semanticRoleLabelling</p> <p>readingAndWritingAidApplications</p> <p>temporalExpressionRecognition</p> <p>intra-documentCoreferenceResolution</p> <p>visualSceneUnderstanding</p> <p>entityMentionRecognition</p> <p>sentimentAnalysis</p> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | <p>machineTranslation</p> <p>persuasiveExpressionMining</p> <p>qualitativeAnalysis</p> <p>texToSpeechSynthesis</p> <p>personRecognition</p> <p>textGeneration</p> <p>avatarSynthesis</p> <p>discourseAnalysis</p> <p>expressionRecognition</p> <p>faceRecognition</p> <p>faceVerification</p> <p>humanoidAgentSynthesis</p> <p>informationRetrieval</p> <p>lexiconAccess</p> <p>lexiconAcquisitionFromCorpora</p> <p>lexiconExtractionFromLexica</p> <p>lexiconFormatConversion</p> <p>lexiconMerging</p> <p>lexiconVisualization</p> <p>lipTrackingAnalysis</p> <p>multimediaDevelopment</p> <p>speakerIdentification</p> <p>speakerVerification</p> <p>speechLipsCorrelationAnalysis</p> <p>speechAnalysis</p> <p>speechAssistedVideoControl</p> <p>speechVerification</p> <p>spokenDialogueSystems</p> <p>talkingHeadSynthesis</p> <p>userAuthentication</p> <p>other</p> |
| examples   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DCLINK     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ISOcatLINK |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| comments   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## 6.7.4 actualUseInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on how the resource has already been used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| elements   | <p><a href="#">actualUse</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">useNLPSpecific</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">usageReport</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">derivedResource</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">usageProject</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">actualUseDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

### 6.7.4.1 actualUse

| definition      | Classification of the actual use of the resource                                                                                              |       |            |          |  |                 |  |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------|--|-----------------|--|
| type            | closed controlled vocabulary                                                                                                                  |       |            |          |  |                 |  |
| value space     | MS-actualUse                                                                                                                                  |       |            |          |  |                 |  |
| values          | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>humanUse</td><td></td></tr> <tr> <td>nlpApplications</td><td></td></tr> </table> | value | definition | humanUse |  | nlpApplications |  |
| value           | definition                                                                                                                                    |       |            |          |  |                 |  |
| humanUse        |                                                                                                                                               |       |            |          |  |                 |  |
| nlpApplications |                                                                                                                                               |       |            |          |  |                 |  |
| examples        |                                                                                                                                               |       |            |          |  |                 |  |
| DCLINK          |                                                                                                                                               |       |            |          |  |                 |  |
| ISOcatLINK      |                                                                                                                                               |       |            |          |  |                 |  |

### 6.7.4.2 usageReport

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| definition | Reports on the research papers documenting the usage of a resource, either in |
|------------|-------------------------------------------------------------------------------|

|           |                                   |
|-----------|-----------------------------------|
|           | a structured form or in free text |
| type      | linked component                  |
| component | <a href="#">documentationInfo</a> |

### 6.7.4.3 derivedResource

|            |                                                                                |
|------------|--------------------------------------------------------------------------------|
| definition | The name, the identifier or the url of the outcome or product of the resource. |
| type       | linked component                                                               |
| component  | <a href="#">targetResourceInfo</a>                                             |
| examples   | terminological list as the result of term extraction corpus                    |

### 6.7.4.4 usageProject

|            |                                                                       |
|------------|-----------------------------------------------------------------------|
| definition | Groups information on the project in which the resource has been used |
| type       | linked component                                                      |
| component  | <a href="#">projectInfo</a>                                           |

### 6.7.4.5 actualUseDetails

|             |                                                   |
|-------------|---------------------------------------------------|
| definition  | Reports on the usage of the resource in free text |
| type        | xs:string                                         |
| value space |                                                   |
| values      |                                                   |
| examples    |                                                   |
| DCLINK      |                                                   |
| ISocatLINK  |                                                   |

## 6.8 resourceDocumentationInfo

|            |                                                                                                                                                                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on any document describing the resource                                                                                                                                                                         |
| type       | component                                                                                                                                                                                                                                   |
| elements   | <a href="#">documentation</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">samplesLocation</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">toolDocumentationType</a> |

|  |                                                                                                                               |
|--|-------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Status: condition-dependent mandatory</i><br><i>Condition: resourceType=toolService</i><br><i>Repeatability: unbounded</i> |
|--|-------------------------------------------------------------------------------------------------------------------------------|

### 6.8.1 documentation

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| definition  | Refers to papers, manuals, reports etc. describing the resource |
| type        | linked component                                                |
| value space | <a href="#">documentationInfo</a>                               |

### 6.8.2 samplesLocation

|             |                                                                                       |
|-------------|---------------------------------------------------------------------------------------|
| definition  | A url with samples of the resource or, in the case of tools, of samples of the output |
| type        | ms:httpURI                                                                            |
| value space |                                                                                       |
| values      |                                                                                       |
| examples    |                                                                                       |
| DCLINK      |                                                                                       |
| ISOcatLINK  |                                                                                       |

### 6.8.3 toolDocumentationType

|             |                                                                                             |
|-------------|---------------------------------------------------------------------------------------------|
| definition  | Specifies the type of documentation for tool or service                                     |
| type        | open controlled vocabulary                                                                  |
| value space | MS-toolDocumentationType                                                                    |
| values      | value                      definition<br>online<br>manual<br>helpFunctions<br>none<br>other |
| examples    |                                                                                             |
| DCLINK      |                                                                                             |
| ISOcatLINK  |                                                                                             |

|         |                           |
|---------|---------------------------|
| comment | to be used only for tools |
|---------|---------------------------|

## 6.9 resourceCreationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the creation procedure of a resource                                                                                                                                                                                                                                                                                                                                                                                    |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| elements   | <p><a href="#">resourceCreator</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">fundingProject</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">creationStartDate</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationEndDate</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> |

### 6.9.1 resourceCreator

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| definition | Groups information on the person or the organization that has created the resource      |
| type       | special status component                                                                |
| component  | <a href="#">actorInfo</a>                                                               |
| DCLINK     | dc:creator                                                                              |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2513">http://www.isocat.org/datcat/DC-2513</a> |

### 6.9.2 fundingProject

|            |                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------|
| definition | Groups information on the project that has funded the creation of the resource                          |
| type       | special status component                                                                                |
| component  | <a href="#">projectInfo</a>                                                                             |
| comment    | to be repeated for each project; internal funding of a resource is also thought of as a kind of project |

### 6.9.3 creationStartDate

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| definition  | The date in which the creation process was started                                        |
| type        | xs:date                                                                                   |
| value space |                                                                                           |
| values      |                                                                                           |
| examples    |                                                                                           |
| DCLINK      | dc:date                                                                                   |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2510">http://www.isocat.org/datcat/DC-2510</a> |

### 6.9.4 creationEndDate

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The date in which the creation process was completed                                    |
| type        | xs:date                                                                                 |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      | dc:date                                                                                 |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2509">http://www.isocat.org/datcat/DC-2509</a> |

## 6.10 relationInfo

|            |                                                                                                                                                                               |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the relations of the resource being described with other resources                                                                                      |
| type       | component                                                                                                                                                                     |
| elements   | <a href="#">relationType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">relatedResource</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i> |

### 6.10.1 relationType

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| definition | Specifies the type of relation not covered by the ones proposed by META-SHARE |
| type       | xs:string                                                                     |

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2549">http://www.isocat.org/datcat/DC-2549</a> |

### 6.10.2 relatedResource

|            |                                                                  |
|------------|------------------------------------------------------------------|
| definition | The full name, the identifier or the url of the related resource |
| type       | linked component                                                 |
| component  | <a href="#">targetResourceInfo</a>                               |

### 6.11 resourceComponentType

|            |                                                                                                                                                                     |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Used for distinguishing between resource types                                                                                                                      |
| type       | component                                                                                                                                                           |
| components | choice<br><a href="#">corpusInfo</a><br><a href="#">toolServiceInfo</a><br><a href="#">languageDescriptionInfo</a><br><a href="#">lexicalConceptualResourceInfo</a> |

## 7 Corpora

### 7.1 resourceInfo

|            |                                                                                                                                                                                                                                                                                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | The profile for corpora; extension of the resourceInfo for corpora                                                                                                                                                                                                                                                     |
| elements   | resourceInfo – common components<br><a href="#">identificationInfo</a><br><a href="#">distributionInfo</a><br><a href="#">contactPerson</a><br><a href="#">metadataInfo</a><br><a href="#">versionInfo</a><br><a href="#">validationInfo</a><br><a href="#">usageInfo</a><br><a href="#">resourceDocumentationInfo</a> |

|  |                                                                                                                                             |
|--|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">resourceCreationInfo</a><br><a href="#">relationInfo</a><br><a href="#">resourceComponentType</a><br><a href="#">corpusInfo</a> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------|

## 7.2 corpusInfo

|            |                                                                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on corpora of all media types                                                                                                                                        |
| type       | component                                                                                                                                                                                        |
| elements   | <a href="#">resourceType</a><br><i>Status: mandatory with value "corpus"</i><br><i>Repeatability: 1</i><br><a href="#">corpusMediaType</a><br><i>Status: mandatory</i><br><i>Repeatability:1</i> |

### 7.2.1 resourceType

|             |                                                                                            |                                                                                                                                                                                                                                                                        |
|-------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the type of the resource being described                                         |                                                                                                                                                                                                                                                                        |
| type        | closed controlled vocabulary                                                               |                                                                                                                                                                                                                                                                        |
| value space | MS-resourceType                                                                            |                                                                                                                                                                                                                                                                        |
| values      | value<br>corpus<br><br>lexicalConceptualResource<br><br>languageDescription<br>toolService | definition<br>for text, speech, video, multimodal/multimedia corpora, corpora with sensorimotor information, n-gram resources<br>includes lexica, ontologies, dictionaries, word lists etc.<br>covers grammars etc.<br>used for tools, systems, system components etc. |
| examples    |                                                                                            |                                                                                                                                                                                                                                                                        |
| DCLINK      | dc:type                                                                                    |                                                                                                                                                                                                                                                                        |
| ISocatLINK  |                                                                                            |                                                                                                                                                                                                                                                                        |

### 7.2.2 corpusMediaType

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Used to specify the media type specific to corpora and group together the relevant information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| component  | <p>choice</p> <p><a href="#">corpusTextInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">corpusAudioInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">corpusVideoInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">corpusImageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">corpusTextNumericalInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">corpusTextNgramInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> |

### 7.3 corpusTextInfo

|            |                                                                                                                                                                                                                                                                                                                                   |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the text component of a resource                                                                                                                                                                                                                                                                   |
| type       | component                                                                                                                                                                                                                                                                                                                         |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value "text"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#"><u>modalityInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>sizeInfo</u></a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>textFormatInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>characterEncodingInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>annotationInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>domainInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>textClassificationInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>timeCoverageInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>geographicCoverageInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>creationInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>linkToOtherMediaInfo</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 7.3.1 mediaType

|             |                                                                                                                                                                                                                                                                                                                                                   |                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| definition  | Specifies the media type of the resource and basically corresponds to the physical medium of the content representation. Each media type is described through a distinctive set of features. A resource may consist of parts attributed to different types of media. A tool/service may take as input/output more than one different media types. |                                                                                               |
| type        | closed controlled vocabulary                                                                                                                                                                                                                                                                                                                      |                                                                                               |
| value space | MS-mediaType                                                                                                                                                                                                                                                                                                                                      |                                                                                               |
| values      | value                                                                                                                                                                                                                                                                                                                                             | definition                                                                                    |
|             | text                                                                                                                                                                                                                                                                                                                                              | only written medium                                                                           |
|             | audio                                                                                                                                                                                                                                                                                                                                             | for a whole resource or part of a resource that is recorded as an audio file                  |
|             | video                                                                                                                                                                                                                                                                                                                                             | for moving image; used for multi-media corpora, with video for the moving image part          |
|             | image                                                                                                                                                                                                                                                                                                                                             | for still image like photographs, drawings etc.                                               |
|             | textNumerical                                                                                                                                                                                                                                                                                                                                     | for the description of sensorimotor data (e.g. biological measurements, geospatial data etc.) |
|             | textNgram                                                                                                                                                                                                                                                                                                                                         | for n-gram resources                                                                          |
| examples    |                                                                                                                                                                                                                                                                                                                                                   |                                                                                               |
| DCLINK      | dc:type                                                                                                                                                                                                                                                                                                                                           |                                                                                               |
| ISocatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2570">http://www.isocat.org/datcat/DC-2570</a> (different values)                                                                                                                                                                                                                                      |                                                                                               |

### 7.3.2 lingualityInfo

|            |                                                                                                                                                                                                                                                                                        |  |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| definition | Groups information on the number of languages of the resource part and of the way they are combined to each other                                                                                                                                                                      |  |
| type       | component                                                                                                                                                                                                                                                                              |  |
| element    | <a href="#">lingualityType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">multilingualityType</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">multilingualityTypeDetails</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |  |

### 7.3.2.1 lingualityType

| definition   | Indicates whether the resource includes one, two or more languages                                                                                                                  |       |            |             |  |           |  |              |  |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------------|--|-----------|--|--------------|--|
| type         | closed controlled vocabulary                                                                                                                                                        |       |            |             |  |           |  |              |  |
| value space  | MS-lingualityType                                                                                                                                                                   |       |            |             |  |           |  |              |  |
| values       | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>monolingual</td><td></td></tr> <tr> <td>bilingual</td><td></td></tr> <tr> <td>multilingual</td><td></td></tr> </table> | value | definition | monolingual |  | bilingual |  | multilingual |  |
| value        | definition                                                                                                                                                                          |       |            |             |  |           |  |              |  |
| monolingual  |                                                                                                                                                                                     |       |            |             |  |           |  |              |  |
| bilingual    |                                                                                                                                                                                     |       |            |             |  |           |  |              |  |
| multilingual |                                                                                                                                                                                     |       |            |             |  |           |  |              |  |
| examples     |                                                                                                                                                                                     |       |            |             |  |           |  |              |  |
| DCLINK       |                                                                                                                                                                                     |       |            |             |  |           |  |              |  |
| ISOcatLINK   | <a href="http://www.isocat.org/datcat/DC-2491">http://www.isocat.org/datcat/DC-2491</a>                                                                                             |       |            |             |  |           |  |              |  |

### 7.3.2.2 multilingualityType

| definition             | Indicates whether the corpus is parallel, comparable or mixed                                                                                                                                                                 |       |            |            |  |          |  |                        |  |       |  |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------------|--|----------|--|------------------------|--|-------|--|
| type                   | open controlled vocabulary                                                                                                                                                                                                    |       |            |            |  |          |  |                        |  |       |  |
| values                 | MS-multilingualityType                                                                                                                                                                                                        |       |            |            |  |          |  |                        |  |       |  |
| value space            | <table> <tr> <th>Value</th><th>definition</th></tr> <tr> <td>comparable</td><td></td></tr> <tr> <td>parallel</td><td></td></tr> <tr> <td>multilingualSingleText</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | Value | definition | comparable |  | parallel |  | multilingualSingleText |  | other |  |
| Value                  | definition                                                                                                                                                                                                                    |       |            |            |  |          |  |                        |  |       |  |
| comparable             |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |
| parallel               |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |
| multilingualSingleText |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |
| other                  |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |
| examples               |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |
| DCLINK                 |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |
| ISOcatLINK             |                                                                                                                                                                                                                               |       |            |            |  |          |  |                        |  |       |  |

### 7.3.2.3 multilingualityTypeDetails

|             |                                                                            |
|-------------|----------------------------------------------------------------------------|
| definition  | Provides further information on multilinguality of a resource in free text |
| type        | xs:string                                                                  |
| value space |                                                                            |
| values      |                                                                            |
| examples    | direction of translation                                                   |
| DCLINK      |                                                                            |
| ISOcatLINK  |                                                                            |

### 7.3.3 languageInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the languages represented in the resource                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| elements   | <p><a href="#">languageId</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageName</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageScript</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizePerLanguage</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageVarietyInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |

#### 7.3.3.1 languageId

|             |                                                                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The identifier of the language that is included in the resource or supported by the tool/service according to the IETF BCP47 standard <sup>12</sup> |
| type        | controlled vocabulary                                                                                                                               |
| value space | IETF BCP47, Codes for the representation of names of languages                                                                                      |
| values      |                                                                                                                                                     |
| examples    |                                                                                                                                                     |
| DCLINK      | dc:language                                                                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2482">http://www.isocat.org/datcat/DC-2482</a> (ISO 6939)                                                  |

#### 7.3.3.2 languageName

|            |                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | A human understandable name of the language that is used in the resource or supported by the tool/service according to the IETF BCP47 standard <sup>13</sup> |
| type       | controlled vocabulary                                                                                                                                        |

<sup>12</sup> To be implemented in next version

<sup>13</sup> To be implemented in next version

|             |                                                                |
|-------------|----------------------------------------------------------------|
| value space | IETF BCP47, Codes for the representation of names of languages |
| values      |                                                                |
| examples    |                                                                |
| DCLINK      | dc:language                                                    |
| ISocatLINK  |                                                                |

### 7.3.3.3 languageScript

|             |                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the writing system used to represent the language of the resource.<br>Please use the four letter code as it is defined in ISO-15924 |
| type        | controlled vocabulary                                                                                                                         |
| value space | <a href="#">ISO-15924</a> , Codes for the representation of names of scripts                                                                  |
| values      |                                                                                                                                               |
| examples    |                                                                                                                                               |
| DCLINK      |                                                                                                                                               |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2485">http://www.isocat.org/datcat/DC-2485</a>                                                       |

### 7.3.3.4 sizePerLanguage

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| definition | Provides information on the size per language component                                 |
| type       | linked component                                                                        |
| component  | <a href="#">sizeInfo</a>                                                                |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2581">http://www.isocat.org/datcat/DC-2581</a> |

### 7.3.3.5 languageVarietyInfo

|            |                                                                                                                                                                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on language varieties occurred in the resource (e.g. dialects)                                                                                                                                                                                                        |
| type       | component                                                                                                                                                                                                                                                                                |
| elements   | <a href="#">languageVarietyType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">languageVarietyName</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerLanguageVariety</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comment    | to be repeated for different language varieties                                                                                                                                                                                                                                          |

#### 7.3.3.5.1 languageVarietyType

|             |                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------|
| definition  | Specifies the type of the language variety that occurs in the resource or is supported by a tool/service |
| type        | open controlled vocabulary                                                                               |
| value space | MS-languageVarietyType                                                                                   |
| values      | <div>value definition</div> <div>dialect</div> <div>jargon</div> <div>other</div>                        |
| examples    |                                                                                                          |
| DCLINK      |                                                                                                          |
| ISocatLINK  |                                                                                                          |

#### 7.3.3.5.2 languageVarietyName

|             |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| definition  | The name of the language variety that occurs in the resource or is supported by a tool/service |
| type        | xs:string                                                                                      |
| value space |                                                                                                |
| values      |                                                                                                |
| examples    |                                                                                                |
| DCLINK      |                                                                                                |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2466">http://www.isocat.org/datcat/DC-2466</a>        |

#### 7.3.3.5.3 sizePerLanguageVariety

|            |                                                                 |
|------------|-----------------------------------------------------------------|
| definition | Provides information on the size per language variety component |
| type       | linked component                                                |
| component  | <a href="#">sizeInfo</a>                                        |

### 7.3.4 modalityInfo

|            |                                                                  |
|------------|------------------------------------------------------------------|
| definition | Groups information on the modalities represented in the resource |
| type       | component                                                        |
| elements   | <a href="#">modalityType</a>                                     |

|  |                                                                                                                                                                                                                                           |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">modalityTypeDetails</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizePerModality</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.3.4.1 modalityType

|                         |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------------|--|------------------|--|-------|--|-------------------------|--|--------------|--|----------------|--|-----------------|--|-------|--|
| definition              | Specifies the type of the modality represented in the resource or processed by a tool/service                                                                                                                                                                                                                                                                                                             |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| type                    | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| value space             | MS-modalityType                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| values                  | <table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>bodyGesture</td><td></td></tr> <tr> <td>facialExpression</td><td></td></tr> <tr> <td>voice</td><td></td></tr> <tr> <td>combinationOfModalities</td><td></td></tr> <tr> <td>signLanguage</td><td></td></tr> <tr> <td>spokenLanguage</td><td></td></tr> <tr> <td>writtenLanguage</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | bodyGesture |  | facialExpression |  | voice |  | combinationOfModalities |  | signLanguage |  | spokenLanguage |  | writtenLanguage |  | other |  |
| value                   | definition                                                                                                                                                                                                                                                                                                                                                                                                |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| bodyGesture             |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| facialExpression        |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| voice                   |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| combinationOfModalities |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| signLanguage            |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| spokenLanguage          |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| writtenLanguage         |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| other                   |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| examples                |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| DCLINK                  |                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |
| ISOcatLINK              | ~ <a href="http://www.isocat.org/datcat/DC-2490">http://www.isocat.org/datcat/DC-2490</a>                                                                                                                                                                                                                                                                                                                 |       |            |             |  |                  |  |       |  |                         |  |              |  |                |  |                 |  |       |  |

#### 7.3.4.2 modalityTypeDetails

|             |                                            |
|-------------|--------------------------------------------|
| definition  | Provides further information on modalities |
| type        | xs:string                                  |
| value space |                                            |
| values      |                                            |
| examples    |                                            |
| DCLINK      |                                            |
| ISOcatLINK  |                                            |

### 7.3.4.3 sizePerModality

|            |                                                         |
|------------|---------------------------------------------------------|
| definition | Provides information on the size per modality component |
| type       | linked component                                        |
| component  | <a href="#">sizeInfo</a>                                |

### 7.3.5 textFormatInfo

|            |                                                                                                                                                                            |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the text format(s) of a resource                                                                                                                     |
| type       | component                                                                                                                                                                  |
| elements   | <a href="#">mimeType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerTextFormat</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comment    | to be repeated if parts of the resource are in different formats                                                                                                           |

#### 7.3.5.1 mimeType

|             |                                                                                                                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | The mime-type of the resource which is a formalized specifier for the format included or a mime-type that the tool/service accepts; value to be taken from a subset of the official mime types of the Internet Assigned Numbers Authority ( <a href="http://www.iana.org/">http://www.iana.org/</a> ) |
| type        | xs:string                                                                                                                                                                                                                                                                                             |
| value space |                                                                                                                                                                                                                                                                                                       |
| values      |                                                                                                                                                                                                                                                                                                       |
| examples    |                                                                                                                                                                                                                                                                                                       |
| DCLINK      | dc:format                                                                                                                                                                                                                                                                                             |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2571">http://www.isocat.org/datcat/DC-2571</a>                                                                                                                                                                                                               |

#### 7.3.5.2 sizePerTextFormat

|            |                                                                              |
|------------|------------------------------------------------------------------------------|
| definition | Provides information on the size of the resource parts with different format |
| type       | linked component                                                             |
| component  | <a href="#">sizeInfo</a>                                                     |

### 7.3.6 characterEncodingInfo

|            |                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on character encoding of the resource                                                                                                                          |
| type       | component                                                                                                                                                                                  |
| elements   | <a href="#">characterEncoding</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerCharacterEncoding</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comment    | to be repeated if parts of the resource have different character encodings                                                                                                                 |

#### 7.3.6.1 characterEncoding

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The name of the character encoding used in the resource or accepted by the tool/service |
| type        | closed controlled vocabulary                                                            |
| value space | MS-characterEncoding                                                                    |
| values      |                                                                                         |
| examples    | US-ASCII; ISO8859-1; UTF-8                                                              |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2564">http://www.isocat.org/datcat/DC-2564</a> |
| comment     | values are included in the xsd; too long catalogue to be presented here                 |

#### 7.3.6.2 sizePerCharacterEncoding

|            |                                                                                          |
|------------|------------------------------------------------------------------------------------------|
| annotation | Provides information on the size of the resource parts with different character encoding |
| type       | linked component                                                                         |
| component  | <a href="#">sizeInfo</a>                                                                 |

### 7.3.7 annotationInfo

|            |                                                                                       |
|------------|---------------------------------------------------------------------------------------|
| definition | Groups information on the annotated part(s) of a resource                             |
| type       | component                                                                             |
| elements   | <a href="#">annotationType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#"><u>annotatedElements</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>annotationStandoff</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>segmentationLevel</u></a></p> <p><i>Status: optional</i></p> <p><i>Condition: annotationType=segmentation</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>annotationFormat</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>tagset</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>tagsetLanguageId</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>tagsetLanguageName</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>conformanceToStandardsBestPractices</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>theoreticModel</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>annotationManual</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>annotationMode</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>annotationModeDetails</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <a href="#">annotationTool</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">annotationStartDate</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">annotationEndDate</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizePerAnnotation</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">interannotatorAgreement</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">intraannotatorAgreement</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">annotator</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
| comment | to be repeated for different annotation types                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### 7.3.7.1 annotationType

|             |                                                                                                                                                                                                                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the annotation level of the resource or the annotation type a tool/service requires or produces as an output                                                                                                                                                                                        |
| type        | open controlled vocabulary                                                                                                                                                                                                                                                                                    |
| value space | MS-annotationType                                                                                                                                                                                                                                                                                             |
| values      | <div>value</div> <div>alignment</div> <div>discourseAnnotation</div> <div>discourseAnnotation-audienceReactions</div> <div>discourseAnnotation-coreference</div> <div>discourseAnnotation-dialogueActs</div> <div>discourseAnnotation-discourseRelations</div> <div>lemmatization</div> <div>definition</div> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p> modalityAnnotation-bodyMovements<br/> modalityAnnotation-facialExpressions<br/> modalityAnnotation-gazeEyeMovements<br/> modalityAnnotation-handArmGestures<br/> modalityAnnotation-handManipulationOfObjects<br/> modalityAnnotation-headMovements<br/> modalityAnnotation-lipMovements<br/> morphosyntacticAnnotation<br/> morphosyntacticAnnotation-bPosTagging<br/> morphosyntacticAnnotation-PosTagging<br/> segmentation<br/> semanticAnnotation<br/> semanticAnnotation-certaintyLevel<br/> semanticAnnotation-emotions<br/> semanticAnnotation-entityMentions<br/> semanticAnnotation-Events<br/> semanticAnnotation-namedEntities<br/> semanticAnnotation-polarity<br/> semanticAnnotation-questionTopicalTarget<br/> semanticAnnotation-semanticClasses<br/> semanticAnnotation-semanticRelations<br/> semanticAnnotation-semanticRoles<br/> semanticAnnotation-speechActs<br/> semanticAnnotation-temporalExpressions<br/> semanticAnnotation-textualEntailment<br/> semanticAnnotation-wordSenses<br/> speechAnnotation<br/> speechAnnotation-orthographicTranscription<br/> speechAnnotation-paralanguageAnnotation<br/> speechAnnotation-phoneticTranscription<br/> speechAnnotation-prosodicAnnotation<br/> speechAnnotation-soundEvents<br/> speechAnnotation-soundToTextAlignment<br/> speechAnnotation-speakerIdentification<br/> speechAnnotation-speakerTurns<br/> stemming<br/> structuralAnnotation </p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|            |                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | syntacticAnnotation-shallowParsing<br>syntacticAnnotation-subcategorizationFrames<br>syntacticAnnotation-treebanks<br>syntacticosemanticAnnotation-links<br>translation<br>transliteration<br>other |
| examples   |                                                                                                                                                                                                     |
| DCLINK     |                                                                                                                                                                                                     |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2462">http://www.isocat.org/datcat/DC-2462</a>                                                                                                             |

### 7.3.7.2 annotatedElements

|             |                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the elements annotated in each annotation level                                                                                |
| type        | open controlled vocabulary                                                                                                               |
| value space | MS-annotatedElements                                                                                                                     |
| values      | value                      definition<br>speakerNoise<br>backgroundNoise<br>mispronunciations<br>truncation<br>discourseMarkers<br>other |
| examples    |                                                                                                                                          |
| DCLINK      |                                                                                                                                          |
| ISocatLINK  |                                                                                                                                          |

### 7.3.7.3 annotationStandoff

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Indicates whether the annotation is created inline or in a stand-off fashion            |
| type        | xs:boolean                                                                              |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2507">http://www.isocat.org/datcat/DC-2507</a> |

#### 7.3.7.4 segmentationLevel

|             |                                                                                                                                                                                                                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the segmentation unit in terms of which the resource has been segmented or the level of segmentation a tool/service requires/outputs                                                                                                                                                          |
| type        | closed controlled vocabulary                                                                                                                                                                                                                                                                            |
| value space | MS-segmentationLevel                                                                                                                                                                                                                                                                                    |
| values      | <div>value</div> <div>definition</div> <p>paragraph</p> <p>sentence</p> <p>clause</p> <p>word</p> <p>wordGroup</p> <p>utterance</p> <p>topic</p> <p>signal</p> <p>phoneme</p> <p>syllable</p> <p>phrase</p> <p>diphone</p> <p>prosodicBoundaries</p> <p>frame</p> <p>scene</p> <p>shot</p> <p>other</p> |
| examples    |                                                                                                                                                                                                                                                                                                         |
| DCLINK      |                                                                                                                                                                                                                                                                                                         |
| ISocatLINK  |                                                                                                                                                                                                                                                                                                         |
| comment     | to be used when annotationType=segmentation                                                                                                                                                                                                                                                             |

#### 7.3.7.5 annotationFormat

|             |                                                                                                                                     |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the format that is used in the annotation process since often the mime type will not be sufficient for machine processing |
| type        | xs:string                                                                                                                           |
| value space |                                                                                                                                     |
| values      |                                                                                                                                     |
| examples    |                                                                                                                                     |
| DCLINK      | dc:format                                                                                                                           |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2562">http://www.isocat.org/datcat/DC-2562</a> |
|------------|-----------------------------------------------------------------------------------------|

### 7.3.7.6 tagset

|             |                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------|
| definition  | A name or a url reference to the tagset used in the annotation of the resource or used by the tool/service |
| type        | ms:myStringURI                                                                                             |
| value space |                                                                                                            |
| values      |                                                                                                            |
| examples    |                                                                                                            |
| DCLINK      |                                                                                                            |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2497">http://www.isocat.org/datcat/DC-2497</a>                    |

### 7.3.7.7 tagsetLanguageId

|             |                                                                                             |
|-------------|---------------------------------------------------------------------------------------------|
| definition  | The identifier of the tagset language as expressed in the values of IETF BP47 <sup>14</sup> |
| type        | controlled vocabulary                                                                       |
| value space | IETF BP47, Codes for the representation of names of languages                               |
| values      |                                                                                             |
| examples    |                                                                                             |
| DCLINK      |                                                                                             |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2498">http://www.isocat.org/datcat/DC-2498</a>     |

### 7.3.7.8 tagsetLanguageName

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The name of the tagset language expressed in the values of IETF BP47 <sup>15</sup>      |
| type        | controlled vocabulary                                                                   |
| value space | IETF BP47, Codes for the representation of names of languages                           |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2499">http://www.isocat.org/datcat/DC-2499</a> |

### 7.3.7.9 conformanceToStandardsBestPractices

|            |                                                                                |
|------------|--------------------------------------------------------------------------------|
| definition | Specifies the standards or the best practices to which the tagset used for the |
|------------|--------------------------------------------------------------------------------|

<sup>14</sup> To be implemented in next version

<sup>15</sup> To be implemented in next version

|             |                                |                                                                                                                                                 |
|-------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|             | annotation conforms            |                                                                                                                                                 |
| type        | open controlled vocabulary     |                                                                                                                                                 |
| value space | MS-standards                   |                                                                                                                                                 |
| values      | value                          | definition                                                                                                                                      |
|             | CES                            | <a href="http://www.cs.vassar.edu/CES/">http://www.cs.vassar.edu/CES/</a>                                                                       |
|             | EML                            | <a href="http://www.w3.org/TR/2009/WD-emotionml-20091029/">http://www.w3.org/TR/2009/WD-emotionml-20091029/</a>                                 |
|             | EMMA                           | <a href="http://www.w3.org/TR/emma/">http://www.w3.org/TR/emma/</a>                                                                             |
|             | GMX                            |                                                                                                                                                 |
|             | HamNoSys                       | <a href="http://www.sign-lang.uni-hamburg.de/projects/hamnosys.html">http://www.sign-lang.uni-hamburg.de/projects/hamnosys.html</a>             |
|             | InkML                          | <a href="http://www.w3.org/TR/InkML/">http://www.w3.org/TR/InkML/</a>                                                                           |
|             | ISO12620                       | <a href="http://www.ttt.org/clsframe/datcats.html">http://www.ttt.org/clsframe/datcats.html</a>                                                 |
|             | ISO16642                       |                                                                                                                                                 |
|             | ISO1987                        |                                                                                                                                                 |
|             | ISO26162                       |                                                                                                                                                 |
|             | ISO30042                       |                                                                                                                                                 |
|             | ISO704                         |                                                                                                                                                 |
|             | LMF                            | <a href="http://www.lexicalmarkupframework.org/">http://www.lexicalmarkupframework.org/</a>                                                     |
|             | MAF                            |                                                                                                                                                 |
|             | MLIF                           | <a href="http://mlif.loria.fr/">http://mlif.loria.fr/</a>                                                                                       |
|             | MULTEXT                        |                                                                                                                                                 |
|             | multimodalInteractionFramework | <a href="http://www.w3.org/TR/mmi-framework/">http://www.w3.org/TR/mmi-framework/</a>                                                           |
|             | OAXAL                          | <a href="http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=oaxal">http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=oaxal</a> |
|             | OWL                            | <a href="http://www.w3.org/TR/owl-features/">http://www.w3.org/TR/owl-features/</a>                                                             |
|             | pennTreeBank                   | <a href="http://www.cis.upenn.edu/~treebank/">http://www.cis.upenn.edu/~treebank/</a>                                                           |
|             | pragueTreeBanks                | <a href="http://ufal.mff.cuni.cz/pdt2.o/">http://ufal.mff.cuni.cz/pdt2.o/</a>                                                                   |
|             | RDF                            | <a href="http://www.w3.org/RDF/">http://www.w3.org/RDF/</a>                                                                                     |
|             | SemAF                          |                                                                                                                                                 |
|             | SemAF_DA                       |                                                                                                                                                 |
|             | SemAF_NE                       |                                                                                                                                                 |
|             | SemAF_SRL                      |                                                                                                                                                 |
|             | SemAF_DS                       |                                                                                                                                                 |

|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | SKOS<br>SRX<br>SynAF<br>TBX<br>TMX<br>TEI <a href="http://www.tei-c.org/index.xml">http://www.tei-c.org/index.xml</a><br>TEI_P3 <a href="http://www.tei-c.org/Vault/GL/P3/index.htm">http://www.tei-c.org/Vault/GL/P3/index.htm</a><br>TEI_P4 <a href="http://www.tei-c.org/Guidelines/P4/">http://www.tei-c.org/Guidelines/P4/</a><br>TEI_P5 <a href="http://www.tei-c.org/Guidelines/P5/">http://www.tei-c.org/Guidelines/P5/</a><br>TimeML <a href="http://timeml.org/site/index.html">http://timeml.org/site/index.html</a><br>XCES <a href="http://www.xces.org/">http://www.xces.org/</a><br>XLIFF <a href="http://docs.oasis-open.org/xliff/v1.2/os/xliff-core.html">http://docs.oasis-open.org/xliff/v1.2/os/xliff-core.html</a><br><br>MUMIN <a href="http://www.cst.dk/mumin/">http://www.cst.dk/mumin/</a><br>BML <a href="http://www.mindmakers.org/projects/BML">http://www.mindmakers.org/projects/BML</a><br>other |
| examples       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DCLINK         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ISOcatLI<br>NK |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

#### 7.3.7.10 theoreticModel

|             |                                                                                                                                                                                                                               |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Name of the theoretic model applied for the creation or enrichment of the resource, and/or reference (URL or bibliographic reference) to informative material about the theoretic model used                                  |
| type        | ms:myStringURI                                                                                                                                                                                                                |
| value space |                                                                                                                                                                                                                               |
| values      |                                                                                                                                                                                                                               |
| examples    | LFG; HPSG; wordnet; framenet                                                                                                                                                                                                  |
| DCLINK      |                                                                                                                                                                                                                               |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2501">http://www.isocat.org/datcat/DC-2501</a> (defintion restricts to annotation task); ~ <a href="http://www.isocat.org/datcat/DC-2636">http://www.isocat.org/datcat/DC-2636</a> |

#### 7.3.7.11 annotationManual

|            |                                                                       |
|------------|-----------------------------------------------------------------------|
| definition | A bibliographic reference or ms:httpURI link to the annotation manual |
|------------|-----------------------------------------------------------------------|

|             |                                   |
|-------------|-----------------------------------|
| type        | linked component                  |
| value space | <a href="#">documentationInfo</a> |
| values      |                                   |
| examples    |                                   |
| DCLINK      |                                   |
| ISocatLINK  |                                   |

#### 7.3.7.12 annotationMode

| definition  | Indicates whether the resource is annotated manually or by automatic processes                                                                                                                                  |       |            |           |  |        |  |       |  |             |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----------|--|--------|--|-------|--|-------------|--|
| type        | closed controlled vocabulary                                                                                                                                                                                    |       |            |           |  |        |  |       |  |             |  |
| value space | MS-annotationMode                                                                                                                                                                                               |       |            |           |  |        |  |       |  |             |  |
| values      | <table> <tr> <th>Value</th><th>definition</th></tr> <tr> <td>automatic</td><td></td></tr> <tr> <td>manual</td><td></td></tr> <tr> <td>mixed</td><td></td></tr> <tr> <td>interactive</td><td></td></tr> </table> | Value | definition | automatic |  | manual |  | mixed |  | interactive |  |
| Value       | definition                                                                                                                                                                                                      |       |            |           |  |        |  |       |  |             |  |
| automatic   |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| manual      |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| mixed       |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| interactive |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| examples    |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| DCLINK      |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2506">http://www.isocat.org/datcat/DC-2506</a>                                                                                                                         |       |            |           |  |        |  |       |  |             |  |

#### 7.3.7.13 annotationModeDetails

|             |                                                    |
|-------------|----------------------------------------------------|
| definition  | Provides further information on annotation process |
| type        | xs:string                                          |
| value space |                                                    |
| values      |                                                    |
| examples    |                                                    |
| DCLINK      |                                                    |
| ISocatLINK  |                                                    |

#### 7.3.7.14 annotationTool

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| definition | The name, the identifier or the url of the tool used for the annotation of the resource |
| type       | linked component                                                                        |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| component  | <a href="#">targetResourceInfo</a>                                                      |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-3785">http://www.isocat.org/datcat/DC-3785</a> |

#### **7.3.7.15 annotationStartDate**

|             |                                                      |
|-------------|------------------------------------------------------|
| definition  | The date in which the annotation process has started |
| type        | date                                                 |
| value space |                                                      |
| values      |                                                      |
| examples    |                                                      |
| DCLINK      | dc:date                                              |
| ISocatLINK  |                                                      |

#### **7.3.7.16 annotationEndDate**

|             |                                                    |
|-------------|----------------------------------------------------|
| definition  | The date in which the annotation process has ended |
| type        | date                                               |
| value space |                                                    |
| values      |                                                    |
| examples    |                                                    |
| DCLINK      | dc:date                                            |
| ISocatLINK  |                                                    |

#### **7.3.7.17 sizePerAnnotation**

|            |                                                                      |
|------------|----------------------------------------------------------------------|
| definition | Provides information on size for the annotated parts of the resource |
| type       | linked component                                                     |
| component  | <a href="#">sizeInfo</a>                                             |

#### **7.3.7.18 interannotatorAgreement**

|             |                                                                                      |
|-------------|--------------------------------------------------------------------------------------|
| definition  | Provides information on the interannotator agreement and the methods/metrics applied |
| type        | xs:string                                                                            |
| value space |                                                                                      |
| values      |                                                                                      |
| examples    |                                                                                      |
| DCLINK      |                                                                                      |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2525">http://www.isocat.org/datcat/DC-2525</a> |
|------------|-----------------------------------------------------------------------------------------|

### 7.3.7.19 intraannotatorAgreement

|             |                                                                                       |
|-------------|---------------------------------------------------------------------------------------|
| definition  | Provides information on the intra-annotator agreement and the methods/metrics applied |
| type        | xs:string                                                                             |
| value space |                                                                                       |
| values      |                                                                                       |
| examples    |                                                                                       |
| DCLINK      |                                                                                       |
| ISocatLINK  |                                                                                       |

### 7.3.7.20 annotator

|            |                                                                      |
|------------|----------------------------------------------------------------------|
| definition | Groups information on the annotators of the specific annotation type |
| type       | linked component                                                     |
| component  | <a href="#">actorInfo</a>                                            |

## 7.3.8 domainInfo

|            |                                                                                                                                                                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on domains represented in the resource; can be repeated for parts of the resource with distinct domain                                                                                                                                              |
| type       | component                                                                                                                                                                                                                                                                       |
| elements   | <a href="#">domain</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerDomain</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">conformanceToClassificationScheme</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comment    | To be repeated for different domains in terms of size and classification scheme                                                                                                                                                                                                 |

### 7.3.8.1 domain

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the application domain of the resource or the tool/service                    |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      | dc:subject                                                                              |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2467">http://www.isocat.org/datcat/DC-2467</a> |

### 7.3.8.2 sizePerDomain

|            |                                                 |
|------------|-------------------------------------------------|
| definition | Specifies the size of resource parts per domain |
| type       | linked component                                |
| component  | <a href="#">sizeInfo</a>                        |

### 7.3.8.3 conformanceToClassificationScheme

|             |                                                |            |
|-------------|------------------------------------------------|------------|
| definition  | Specifies the external classification schemes  |            |
| type        | open controlled vocabulary                     |            |
| value space | MS-conformanceToClassificationScheme           |            |
| values      | value                                          | definition |
|             | ANC_domainClassification                       |            |
|             | ANC_genreClassification                        |            |
|             | BNC_domainClassification                       |            |
|             | BNC_textTypeClassification                     |            |
|             | DDC_classification                             |            |
|             | libraryOfCongress_domainClassification         |            |
|             | libraryOfCongressSubjectHeading_classification |            |
|             | MESH_classification                            |            |
|             | NLK_classification                             |            |
|             | PAROLE_topicClassification                     |            |
|             | PAROLE_genreClassification                     |            |
|             | UDC_classification                             |            |
|             | other                                          |            |
| examples    |                                                |            |
| DCLINK      |                                                |            |
| ISOcatLINK  |                                                |            |

### 7.3.9 textClassificationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on text type/genre of the resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| elements   | <p><a href="#">textGenre</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">textType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">register</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">subject_topic</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">conformanceToClassificationScheme</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizePerTextClassification</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

#### 7.3.9.1 textGenre

|             |                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Genre: The conventionalized discourse or text types of the content of the resource, based on extra-linguistic and internal linguistic criteria |
| type        | xs:string                                                                                                                                      |
| value space |                                                                                                                                                |
| values      |                                                                                                                                                |
| examples    |                                                                                                                                                |
| DCLINK      | dc:subject                                                                                                                                     |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2470">http://www.isocat.org/datcat/DC-2470</a>                                                        |

#### 7.3.9.2 textType

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| definition | Specifies the type of the text according to a text type classification |
| type       | xs:string                                                              |

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
| value space |                                                                        |
| values      |                                                                        |
| examples    |                                                                        |
| DCLINK      | dc:subject                                                             |
| ISocatLINK  |                                                                        |
| comment     | For text corpora that have already been using text type classification |

### 7.3.9.3 register

|             |                                                                  |
|-------------|------------------------------------------------------------------|
| definition  | For corpora that have already been using register classification |
| type        | xs:string                                                        |
| value space |                                                                  |
| values      |                                                                  |
| examples    |                                                                  |
| DCLINK      |                                                                  |
| ISocatLINK  |                                                                  |

### 7.3.9.4 subject\_topic

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| definition  | For corpora that have already been using subject classification |
| type        | xs:string                                                       |
| value space |                                                                 |
| values      |                                                                 |
| examples    |                                                                 |
| DCLINK      | dc:subject                                                      |
| ISocatLINK  |                                                                 |

### 7.3.9.5 sizePerTextClassification

|            |                                                                                   |
|------------|-----------------------------------------------------------------------------------|
| definition | Provides information on size of resource parts with different text classification |
| type       | linked component                                                                  |
| component  | <a href="#">sizeInfo</a>                                                          |

## 7.3.10 timeCoverageInfo

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| definition | Groups together information on time classification of the resource |
| type       | component                                                          |

|          |                                                                                                                                                                                  |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| elements | <a href="#">timeCoverage</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerTimeCoverage</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 7.3.10.1 timeCoverage

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The time period that the content of a resource is about                                 |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      | dc:coverage                                                                             |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2502">http://www.isocat.org/datcat/DC-2502</a> |

### 7.3.10.2 sizePerTimeCoverage

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| definition | Provides information on size per time period represented in the resource |
| type       | linked component                                                         |
| component  | <a href="#">sizeInfo</a>                                                 |

## 7.3.11 geographicCoverageInfo

|            |                                                                                                                                                                                              |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on geographic classification of the resource                                                                                                                              |
| type       | component                                                                                                                                                                                    |
| elements   | <a href="#">geographicCoverage</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerGeographicCoverage</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

### 7.3.11.1 geographicCoverage

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| definition | The geographic region that the content of a resource is about; for countries, |
|------------|-------------------------------------------------------------------------------|

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
|             | recommended use of ISO-3166                                                             |
| type        | xs:string                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      | dc:coverage                                                                             |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2471">http://www.isocat.org/datcat/DC-2471</a> |

### 7.3.11.2 sizePerGeographicCoverage

|            |                                                                                  |
|------------|----------------------------------------------------------------------------------|
| definition | Provides information on size per geographically distinct section of the resource |
| type       | linked component                                                                 |
| component  | <a href="#">sizeInfo</a>                                                         |

### 7.3.12 creationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the resource creation (e.g. for corpora, selection of texts/audio files/ video files etc. and structural encoding thereof; for lexica, construction of lemma list etc.)                                                                                                                                                                                                                                 |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <p><a href="#">originalSource</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">creationMode</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationModeDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationTool</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
| comment    | for annotation, use the annotationInfo component                                                                                                                                                                                                                                                                                                                                                                                       |

#### 7.3.12.1 originalSource

|            |                                                                                |
|------------|--------------------------------------------------------------------------------|
| definition | The name, the identifier or the url of the original resources that were at the |
|------------|--------------------------------------------------------------------------------|

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
|             | base of the creation process of the resource                                            |
| type        | linked component                                                                        |
| value space | <a href="#">targetResourceInfo</a>                                                      |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      | dc:source                                                                               |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2534">http://www.isocat.org/datcat/DC-2534</a> |
| comment     | alternative to the relation hasOriginalSource                                           |

### 7.3.12.2 creationMode

| definition  | Specifies whether the resource is created automatically or in manual or interactive mode                                                                                                                        |       |            |           |  |        |  |       |  |             |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----------|--|--------|--|-------|--|-------------|--|
| type        | closed controlled vocabulary                                                                                                                                                                                    |       |            |           |  |        |  |       |  |             |  |
| value space | MS-creationMode                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>automatic</td><td></td></tr> <tr> <td>manual</td><td></td></tr> <tr> <td>mixed</td><td></td></tr> <tr> <td>interactive</td><td></td></tr> </table> | value | definition | automatic |  | manual |  | mixed |  | interactive |  |
| value       | definition                                                                                                                                                                                                      |       |            |           |  |        |  |       |  |             |  |
| automatic   |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| manual      |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| mixed       |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| interactive |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| examples    |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| DCLINK      |                                                                                                                                                                                                                 |       |            |           |  |        |  |       |  |             |  |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2516">http://www.isocat.org/datcat/DC-2516</a>                                                                                                                       |       |            |           |  |        |  |       |  |             |  |

### 7.3.12.3 creationModeDetails

|             |                                                                    |
|-------------|--------------------------------------------------------------------|
| definition  | Provides further information on the creation methods and processes |
| type        | xs:string                                                          |
| value space |                                                                    |
| values      |                                                                    |
| examples    |                                                                    |
| DCLINK      |                                                                    |
| ISOcatLINK  |                                                                    |

### 7.3.12.4 creationTool

|            |                                                                              |
|------------|------------------------------------------------------------------------------|
| definition | The name, the identifier or the url of the tool used in the creation process |
|------------|------------------------------------------------------------------------------|

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| type        | linked component                                                                        |
| value space | <a href="#">targetResourceInfo</a>                                                      |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2511">http://www.isocat.org/datcat/DC-2511</a> |

### 7.3.13 linkToOtherMediaInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the way different media of the resource interact with or link to each other. To be used for multimodal resources or for resources representing sensorimotor data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| elements   | <p><a href="#">otherMedia</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">mediaTypeDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">synchronizedWithText</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">synchronizedWithAudio</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">synchronizedWithVideo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">synchronizedWithImage</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">synchronizedWithTextNumerical</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

### 7.3.13.1 otherMedia

|             |                                                                                                                                    |
|-------------|------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the media types that are linked to the media type described within the same resource                                     |
| type        | closed controlled vocabulary                                                                                                       |
| value space | MS-otherMedia                                                                                                                      |
| values      | <div>value</div> <div>definition</div> <div>text</div> <div>textNumerical</div> <div>video</div> <div>audio</div> <div>image</div> |
| examples    |                                                                                                                                    |
| DCLINK      |                                                                                                                                    |
| ISOcatLINK  |                                                                                                                                    |

### 7.3.13.2 mediaTypeDetails

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| definition  | Provides further information on the way the media types are linked and/or synchronized with each other within the same resource |
| type        | xs:string                                                                                                                       |
| value space |                                                                                                                                 |
| values      |                                                                                                                                 |
| examples    |                                                                                                                                 |
| DCLINK      |                                                                                                                                 |
| ISOcatLINK  |                                                                                                                                 |

### 7.3.13.3 synchronizedWithText

|             |                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------|
| definition  | Whether video, text and textNumerical media type is synchronized with text within the same resource |
| type        | xs:boolean                                                                                          |
| value space |                                                                                                     |
| values      |                                                                                                     |
| examples    |                                                                                                     |
| DCLINK      |                                                                                                     |
| ISOcatLINK  |                                                                                                     |
| comment     | it is possible to have more than one corpusTextInfo within the same resource                        |

|  |                                              |
|--|----------------------------------------------|
|  | e.g. the script and the subtitles of a movie |
|--|----------------------------------------------|

#### **7.3.13.4 synchronizedWithAudio**

|             |                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------|
| definition  | Whether text, video or textNumerical media type is synchronized with audio within the same resource |
| type        | xs:boolean                                                                                          |
| value space |                                                                                                     |
| values      |                                                                                                     |
| examples    |                                                                                                     |
| DCLINK      |                                                                                                     |
| ISocatLINK  |                                                                                                     |

#### **7.3.13.5 synchronizedWithVideo**

|             |                                                                                              |
|-------------|----------------------------------------------------------------------------------------------|
| definition  | Whether text or textNumerical media type is synchronized with video within the same resource |
| type        | xs:boolean                                                                                   |
| value space |                                                                                              |
| values      |                                                                                              |
| examples    |                                                                                              |
| DCLINK      |                                                                                              |
| ISocatLINK  |                                                                                              |

#### **7.3.13.6 synchronizedWithImage**

|             |                                                                                              |
|-------------|----------------------------------------------------------------------------------------------|
| definition  | Whether text or textNumerical media type is synchronized with image within the same resource |
| type        | xs:boolean                                                                                   |
| value space |                                                                                              |
| values      |                                                                                              |
| examples    |                                                                                              |
| DCLINK      |                                                                                              |
| ISocatLINK  |                                                                                              |

#### **7.3.13.7 synchronizedWithTextNumerical**

|            |                                                                          |
|------------|--------------------------------------------------------------------------|
| definition | Whether video or audio media type is synchronized with the textNumerical |
|------------|--------------------------------------------------------------------------|

|             |                                                                        |
|-------------|------------------------------------------------------------------------|
|             | (representation of sensorimotor measurements) within the same resource |
| type        | xs:boolean                                                             |
| value space |                                                                        |
| values      |                                                                        |
| examples    |                                                                        |
| DCLINK      |                                                                        |
| ISocatLINK  |                                                                        |

## 7.4 corpusAudioInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the audio module of a corpus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value "audio"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">audioSizeInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">audioContentInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">settingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">audioFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationInfo</a></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">domainInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">audioClassificationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">recordingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">captureInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">linkToOtherMediaInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.4.1 audioSizeInfo

|            |                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | SizeInfo Element for Audio parts of a resource                                                                                                                                             |
| type       | component                                                                                                                                                                                  |
| elements   | <p><a href="#">sizeInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">durationOfEffectiveSpeechInfo</a></p> <p><i>Status: optional</i></p> |

|  |                                                                                                                                      |
|--|--------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: unbounded</i><br><a href="#">durationOfAudioInfo</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|--------------------------------------------------------------------------------------------------------------------------------------|

#### 7.4.1.1 durationOfEffectiveSpeechInfo

|            |                                                                                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the duration of effective speech                                                                                                    |
| type       | component                                                                                                                                                          |
| elements   | <a href="#">size</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">durationUnit</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i> |
| ISOcatLINK | ~ <a href="http://www.isocat.org/datcat/DC-2691">http://www.isocat.org/datcat/DC-2691</a> (element)                                                                |

##### 7.4.1.1.1 durationUnit

| definition  | Specification of the unit of size that is used when providing information on the size of a resource                                                                    |       |            |       |  |         |  |         |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------|--|---------|--|---------|--|
| type        | closed controlled vocabulary                                                                                                                                           |       |            |       |  |         |  |         |  |
| value space | MS-durationUnit                                                                                                                                                        |       |            |       |  |         |  |         |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>hours</td><td></td></tr> <tr> <td>minutes</td><td></td></tr> <tr> <td>seconds</td><td></td></tr> </table> | value | definition | hours |  | minutes |  | seconds |  |
| value       | definition                                                                                                                                                             |       |            |       |  |         |  |         |  |
| hours       |                                                                                                                                                                        |       |            |       |  |         |  |         |  |
| minutes     |                                                                                                                                                                        |       |            |       |  |         |  |         |  |
| seconds     |                                                                                                                                                                        |       |            |       |  |         |  |         |  |
| examples    |                                                                                                                                                                        |       |            |       |  |         |  |         |  |
| DCLINK      |                                                                                                                                                                        |       |            |       |  |         |  |         |  |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2567">http://www.isocat.org/datcat/DC-2567</a>                                                                                |       |            |       |  |         |  |         |  |

#### 7.4.1.2 durationOfAudioInfo

|            |                                                                                  |
|------------|----------------------------------------------------------------------------------|
| definition | Groups together information on the size of audio parts; for silences, music etc. |
| type       | component                                                                        |
| elements   | <a href="#">size</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i>      |

|  |                                                                                     |
|--|-------------------------------------------------------------------------------------|
|  | <a href="#">durationUnit</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i> |
|--|-------------------------------------------------------------------------------------|

### 7.4.2 audioContentInfo

|            |                                                                                                                                                                                                                                                                                                                                                                           |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the contents of the audio part of a resource                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                 |
| elements   | <a href="#">speechItems</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">nonSpeechItems</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">textualDescription</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">noiseLevel</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

#### 7.4.2.1 speechItems

| definition                    | Specifies the distinct elements that are pronounced and annotated as such                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------------------|--|-------------------|--|------------|--|---------------|--|----------------|--|--------------|--|----------------|--|-------------------------------|--|---------------------------|--|-----------------------|--|
| type                          | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| value space                   | MS-speechItems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| values                        | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>applicationWords</td><td></td></tr> <tr> <td>creditCardNumbers</td><td></td></tr> <tr> <td>freeSpeech</td><td></td></tr> <tr> <td>isolatedWords</td><td></td></tr> <tr> <td>isolatedDigits</td><td></td></tr> <tr> <td>moneyAmounts</td><td></td></tr> <tr> <td>naturalNumbers</td><td></td></tr> <tr> <td>phoneticallyBalancedSentences</td><td></td></tr> <tr> <td>phoneticallyRichSentences</td><td></td></tr> <tr> <td>phoneticallyRichWords</td><td></td></tr> </table> | value | definition | applicationWords |  | creditCardNumbers |  | freeSpeech |  | isolatedWords |  | isolatedDigits |  | moneyAmounts |  | naturalNumbers |  | phoneticallyBalancedSentences |  | phoneticallyRichSentences |  | phoneticallyRichWords |  |
| value                         | definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| applicationWords              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| creditCardNumbers             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| freeSpeech                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| isolatedWords                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| isolatedDigits                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| moneyAmounts                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| naturalNumbers                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| phoneticallyBalancedSentences |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| phoneticallyRichSentences     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |
| phoneticallyRichWords         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |                  |  |                   |  |            |  |               |  |                |  |              |  |                |  |                               |  |                           |  |                       |  |

|            |                                                                            |
|------------|----------------------------------------------------------------------------|
|            | properNouns<br>telephoneNumbers<br>yesNoQuestions<br>vcvSequences<br>other |
| examples   |                                                                            |
| DCLINK     |                                                                            |
| ISocatLINK |                                                                            |

#### 7.4.2.2 nonSpeechItems

|             |                                                                                                |
|-------------|------------------------------------------------------------------------------------------------|
| definition  | Specifies the distinct elements that maybe included in the audio corpus                        |
| type        | open controlled vocabulary                                                                     |
| value space | MS-nonSpeechItems                                                                              |
| values      | Value          definition<br>commercial<br>music<br>noise<br>notes<br>sounds<br>tempo<br>other |
| examples    |                                                                                                |
| DCLINK      |                                                                                                |
| ISocatLINK  |                                                                                                |

#### 7.4.2.3 textualDescription

|             |                              |
|-------------|------------------------------|
| definition  | The legend of the soundtrack |
| type        | xs:string                    |
| value space |                              |
| values      |                              |
| examples    |                              |
| DCLINK      |                              |
| ISocatLINK  |                              |

#### 7.4.2.4 noiseLevel

| definition  | Specifies the level of background noise                                                                                                                          |       |            |     |  |        |  |      |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|--|--------|--|------|--|
| type        | closed controlled vocabulary                                                                                                                                     |       |            |     |  |        |  |      |  |
| value space | MS-noiseLevel                                                                                                                                                    |       |            |     |  |        |  |      |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>low</td><td></td></tr> <tr> <td>medium</td><td></td></tr> <tr> <td>high</td><td></td></tr> </table> | value | definition | low |  | medium |  | high |  |
| value       | definition                                                                                                                                                       |       |            |     |  |        |  |      |  |
| low         |                                                                                                                                                                  |       |            |     |  |        |  |      |  |
| medium      |                                                                                                                                                                  |       |            |     |  |        |  |      |  |
| high        |                                                                                                                                                                  |       |            |     |  |        |  |      |  |
| examples    |                                                                                                                                                                  |       |            |     |  |        |  |      |  |
| DCLINK      |                                                                                                                                                                  |       |            |     |  |        |  |      |  |
| ISocatLINK  |                                                                                                                                                                  |       |            |     |  |        |  |      |  |

#### 7.4.3 settingInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the setting of the audio and/or video part of a resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| elements   | <p><a href="#">naturality</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">conversationalType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">scenarioType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">audience</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">interactivity</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">interaction</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

### 7.4.3.1 naturality

|             |                                                                                         |            |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the level of naturality for multimodal/multimedia resources                   |            |                                                                                         |
| type        | open controlled vocabulary                                                              |            |                                                                                         |
| value space | MS-naturality                                                                           |            |                                                                                         |
| value       | value                                                                                   | definition | ISOcatLink                                                                              |
|             | assisted                                                                                |            |                                                                                         |
|             | elicited                                                                                |            |                                                                                         |
|             | natural                                                                                 |            |                                                                                         |
|             | planned                                                                                 |            | <a href="http://www.isocat.org/datcat/DC-2665">http://www.isocat.org/datcat/DC-2665</a> |
|             | prompted                                                                                |            |                                                                                         |
|             | readSpeech                                                                              |            |                                                                                         |
|             | semiPlanned                                                                             |            | <a href="http://www.isocat.org/datcat/DC-2664">http://www.isocat.org/datcat/DC-2664</a> |
|             | spontaneous                                                                             |            | <a href="http://www.isocat.org/datcat/DC-2663">http://www.isocat.org/datcat/DC-2663</a> |
|             | other                                                                                   |            |                                                                                         |
| examples    |                                                                                         |            |                                                                                         |
| DCLINK      |                                                                                         |            |                                                                                         |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2492">http://www.isocat.org/datcat/DC-2492</a> |            |                                                                                         |

### 7.4.3.2 conversationalType

|             |                                                   |            |                                                                                         |
|-------------|---------------------------------------------------|------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the conversational type of the resource |            |                                                                                         |
| type        | closed controlled vocabulary                      |            |                                                                                         |
| value space | MS-speechSetting                                  |            |                                                                                         |
| values      | value                                             | definition | ISOcatLink                                                                              |
|             | monologue                                         |            | <a href="http://www.isocat.org/datcat/DC-2659">http://www.isocat.org/datcat/DC-2659</a> |
|             | dialogue                                          |            | <a href="http://www.isocat.org/datcat/DC-2660">http://www.isocat.org/datcat/DC-2660</a> |
|             | multilogue                                        |            |                                                                                         |
| examples    |                                                   |            |                                                                                         |
| DCLINK      |                                                   |            |                                                                                         |
| ISOcatLINK  |                                                   |            |                                                                                         |

### 7.4.3.3 scenarioType

|            |                                                                       |
|------------|-----------------------------------------------------------------------|
| definition | Indicates the task defined for the conversation or the interaction of |
|------------|-----------------------------------------------------------------------|

|             |                                                                                                                                                                                                                     |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | participants                                                                                                                                                                                                        |
| type        | open controlled vocabulary                                                                                                                                                                                          |
| value space | MS-scenarioType                                                                                                                                                                                                     |
| values      | <div>value</div> <div>definition</div> <div>frogStory</div> <div>pearStory</div> <div>mapTask</div> <div>onlineEducationalGame</div> <div>rolePlay</div> <div>wordGame</div> <div>wizardOfOz</div> <div>other</div> |
| examples    |                                                                                                                                                                                                                     |
| DCLINK      |                                                                                                                                                                                                                     |
| ISOcatLINK  |                                                                                                                                                                                                                     |

#### 7.4.3.4 audience

|             |                                                                                                                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Indication of the intended audience size                                                                                                                                                                                              |
| type        | closed controlled vocabulary                                                                                                                                                                                                          |
| value space | MS-audience                                                                                                                                                                                                                           |
| values      | <div>value</div> <div>definition</div> <div>ISOcatLink</div> <div>no</div> <div><a href="http://www.isocat.org/datecat/DC-2618">http://www.isocat.org/datecat/DC-2618</a></div> <div>few</div> <div>some</div> <div>largePublic</div> |
| examples    |                                                                                                                                                                                                                                       |
| DCLINK      |                                                                                                                                                                                                                                       |
| ISOcatLINK  |                                                                                                                                                                                                                                       |

#### 7.4.3.5 interactivity

|             |                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------|
| definition  | Indicates the level of conversational interaction between speakers (for audio component) or participants (for video component) |
| type        | open controlled vocabulary                                                                                                     |
| value space | MS-interactivity                                                                                                               |
| values      | <div>value</div> <div>definition</div> <div>ISOcatLink</div>                                                                   |

|            |                                                                                                                                                                                                                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | interactive <a href="http://www.isocat.org/datcat/DC-2613">http://www.isocat.org/datcat/DC-2613</a><br>nonInteractive <a href="http://www.isocat.org/datcat/DC-2614">http://www.isocat.org/datcat/DC-2614</a><br>semiInteractive <a href="http://www.isocat.org/datcat/DC-2615">http://www.isocat.org/datcat/DC-2615</a><br>overlapping<br>other |
| examples   |                                                                                                                                                                                                                                                                                                                                                  |
| DCLINK     |                                                                                                                                                                                                                                                                                                                                                  |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2476">http://www.isocat.org/datcat/DC-2476</a>                                                                                                                                                                                                                                                          |

#### 7.4.3.6 interaction

|             |                                                                  |
|-------------|------------------------------------------------------------------|
| definition  | Specifies the parts that interact in an audio or video component |
| type        | xs:string                                                        |
| value space |                                                                  |
| values      |                                                                  |
| examples    | human-machine, human-human                                       |
| DCLINK      |                                                                  |
| ISocatLINK  |                                                                  |

#### 7.4.4 audioFormatInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the format of the audio part of a resource                                                                                                                                                                                                                                                                                                                                                 |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                 |
| elements   | <a href="#">mimeType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">signalEncoding</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">samplingRate</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">quantization</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">byteOrder</a><br><i>Status: optional</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: 1</i></p> <p><a href="#"><u>signConvention</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>audioQualityMeasuresIncluded</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>numberOfTracks</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>recordingQuality</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>sizePerAudioFormat</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>compressionInfo</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.4.4.1 signalEncoding

| definition  | Specifies the encoding the audio type uses                                                                                                                                                                                                |       |            |       |  |      |  |           |  |       |  |       |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------|--|------|--|-----------|--|-------|--|-------|--|
| type        | open controlled vocabulary                                                                                                                                                                                                                |       |            |       |  |      |  |           |  |       |  |       |  |
| value space | MS-signalEncoding                                                                                                                                                                                                                         |       |            |       |  |      |  |           |  |       |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>ADPCM</td><td></td></tr> <tr> <td>aLaw</td><td></td></tr> <tr> <td>linearPCM</td><td></td></tr> <tr> <td>μ-law</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | ADPCM |  | aLaw |  | linearPCM |  | μ-law |  | other |  |
| value       | definition                                                                                                                                                                                                                                |       |            |       |  |      |  |           |  |       |  |       |  |
| ADPCM       |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| aLaw        |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| linearPCM   |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| μ-law       |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| other       |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| examples    |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| DCLINK      |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |
| ISOcatLINK  |                                                                                                                                                                                                                                           |       |            |       |  |      |  |           |  |       |  |       |  |

#### 7.4.4.2 samplingRate

| definition  | Specifies the format of files contained in the resource in Hertz                                                                                                                                                                      |       |            |      |  |       |  |       |  |       |  |       |  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------|--|-------|--|-------|--|-------|--|-------|--|
| type        | closed controlled vocabulary                                                                                                                                                                                                          |       |            |      |  |       |  |       |  |       |  |       |  |
| value space | MS-samplingRate                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>8000</td><td></td></tr> <tr> <td>16000</td><td></td></tr> <tr> <td>44100</td><td></td></tr> <tr> <td>48000</td><td></td></tr> <tr> <td>96000</td><td></td></tr> </table> | value | definition | 8000 |  | 16000 |  | 44100 |  | 48000 |  | 96000 |  |
| value       | definition                                                                                                                                                                                                                            |       |            |      |  |       |  |       |  |       |  |       |  |
| 8000        |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| 16000       |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| 44100       |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| 48000       |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| 96000       |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| examples    |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| DCLINK      |                                                                                                                                                                                                                                       |       |            |      |  |       |  |       |  |       |  |       |  |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2684">http://www.isocat.org/datcat/DC-2684</a>                                                                                                                                             |       |            |      |  |       |  |       |  |       |  |       |  |

#### 7.4.4.3 quantization

| definition  | The number of bits for each audio sample                                                                                                                                                |       |            |   |  |    |  |    |  |    |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---|--|----|--|----|--|----|--|
| type        | closed controlled vocabulary                                                                                                                                                            |       |            |   |  |    |  |    |  |    |  |
| value space | MS-quantization                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| values      | <table> <tr> <th>Value</th><th>definition</th></tr> <tr> <td>8</td><td></td></tr> <tr> <td>16</td><td></td></tr> <tr> <td>32</td><td></td></tr> <tr> <td>64</td><td></td></tr> </table> | Value | definition | 8 |  | 16 |  | 32 |  | 64 |  |
| Value       | definition                                                                                                                                                                              |       |            |   |  |    |  |    |  |    |  |
| 8           |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| 16          |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| 32          |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| 64          |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| examples    |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| DCLINK      |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |
| ISOcatLINK  |                                                                                                                                                                                         |       |            |   |  |    |  |    |  |    |  |

#### 7.4.4.4 byteOrder

|             |                                          |            |                                                                                         |
|-------------|------------------------------------------|------------|-----------------------------------------------------------------------------------------|
| definition  | The byte order of 2 or more bytes sample |            |                                                                                         |
| type        | closed controlled vocabulary             |            |                                                                                         |
| value space | MS-byteOrder                             |            |                                                                                         |
| valeur      | value                                    | definition | ISOcatLink                                                                              |
|             | littleEndian                             |            | <a href="http://www.isocat.org/datcat/DC-2688">http://www.isocat.org/datcat/DC-2688</a> |
|             | bigEndian                                |            | <a href="http://www.isocat.org/datcat/DC-2687">http://www.isocat.org/datcat/DC-2687</a> |
| examples    |                                          |            |                                                                                         |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| DCLINK     |                                                                                         |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2686">http://www.isocat.org/datcat/DC-2686</a> |

#### 7.4.4.5 signConvention

| definition      | Binary representation of numbers                                                                                                                                                             |       |            |               |  |                 |  |               |  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---------------|--|-----------------|--|---------------|--|
| type            | closed controlled vocabulary                                                                                                                                                                 |       |            |               |  |                 |  |               |  |
| value space     | MS-signConvention                                                                                                                                                                            |       |            |               |  |                 |  |               |  |
| value           | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>signedInteger</td><td></td></tr> <tr> <td>unsignedInteger</td><td></td></tr> <tr> <td>floatingPoint</td><td></td></tr> </table> | value | definition | signedInteger |  | unsignedInteger |  | floatingPoint |  |
| value           | definition                                                                                                                                                                                   |       |            |               |  |                 |  |               |  |
| signedInteger   |                                                                                                                                                                                              |       |            |               |  |                 |  |               |  |
| unsignedInteger |                                                                                                                                                                                              |       |            |               |  |                 |  |               |  |
| floatingPoint   |                                                                                                                                                                                              |       |            |               |  |                 |  |               |  |
| examples        |                                                                                                                                                                                              |       |            |               |  |                 |  |               |  |
| DCLINK          |                                                                                                                                                                                              |       |            |               |  |                 |  |               |  |
| ISocatLINK      |                                                                                                                                                                                              |       |            |               |  |                 |  |               |  |

#### 7.4.4.6 audioQualityMeasuresIncluded

| definition      | Specifies the audio quality measures                                                                                                                                                                                                                      |       |            |     |  |           |  |              |  |                 |  |       |  |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|--|-----------|--|--------------|--|-----------------|--|-------|--|
| type            | open controlled vocabulary                                                                                                                                                                                                                                |       |            |     |  |           |  |              |  |                 |  |       |  |
| value space     | MS-audioQualityMeasuresIncluded                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| values          | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>SNR</td><td></td></tr> <tr> <td>crossTalk</td><td></td></tr> <tr> <td>clippingRate</td><td></td></tr> <tr> <td>backgroundNoise</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | SNR |  | crossTalk |  | clippingRate |  | backgroundNoise |  | other |  |
| value           | definition                                                                                                                                                                                                                                                |       |            |     |  |           |  |              |  |                 |  |       |  |
| SNR             |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| crossTalk       |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| clippingRate    |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| backgroundNoise |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| other           |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| examples        |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| DCLINK          |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |
| ISocatLINK      |                                                                                                                                                                                                                                                           |       |            |     |  |           |  |              |  |                 |  |       |  |

#### 7.4.4.7 numberOfTracks

| definition  | Specifies the number of audio channels                                                         |       |            |   |      |
|-------------|------------------------------------------------------------------------------------------------|-------|------------|---|------|
| type        | open controlled vocabulary                                                                     |       |            |   |      |
| value space | MS-numberOfTracks                                                                              |       |            |   |      |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>1</td><td>mono</td></tr> </table> | value | definition | 1 | mono |
| value       | definition                                                                                     |       |            |   |      |
| 1           | mono                                                                                           |       |            |   |      |

|            |                    |
|------------|--------------------|
|            | 2 stereo<br>4<br>8 |
| examples   |                    |
| DCLINK     |                    |
| ISocatLINK |                    |

#### 7.4.4.8 recordingQuality

| definition  | Indication of the audio or video recording quality                                                                                                                                                                                        |       |            |         |  |     |  |        |  |      |  |          |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---------|--|-----|--|--------|--|------|--|----------|--|
| type        | open controlled vocabulary                                                                                                                                                                                                                |       |            |         |  |     |  |        |  |      |  |          |  |
| value space | MS-recordingQuality                                                                                                                                                                                                                       |       |            |         |  |     |  |        |  |      |  |          |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>veryLow</td><td></td></tr> <tr> <td>low</td><td></td></tr> <tr> <td>medium</td><td></td></tr> <tr> <td>high</td><td></td></tr> <tr> <td>veryHigh</td><td></td></tr> </table> | value | definition | veryLow |  | low |  | medium |  | high |  | veryHigh |  |
| value       | definition                                                                                                                                                                                                                                |       |            |         |  |     |  |        |  |      |  |          |  |
| veryLow     |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| low         |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| medium      |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| high        |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| veryHigh    |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| examples    |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| DCLINK      |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |
| ISocatLINK  |                                                                                                                                                                                                                                           |       |            |         |  |     |  |        |  |      |  |          |  |

#### 7.4.4.9 sizePerAudioFormat

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| definition | Used to give info on size of parts of a resource that differ as to the format |
| type       | linked component                                                              |
| component  | <a href="#">audioSizeInfo</a>                                                 |

#### 7.4.4.10 compressionInfo

|            |                                                                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the compression status and method of a resource                                                                  |
| type       | component                                                                                                                                       |
| elements   | <a href="#">compression</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">compressionName</a><br><i>Status: optional</i> |

|  |                                                                                                                          |
|--|--------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: unbounded</i><br><a href="#">compressionLoss</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|--------------------------------------------------------------------------------------------------------------------------|

#### 7.4.4.10.1 compression

|             |                                                        |
|-------------|--------------------------------------------------------|
| definition  | Whether the audio, video or image is compressed or not |
| type        | xs:boolean                                             |
| value space |                                                        |
| values      |                                                        |
| examples    |                                                        |
| DCLINK      |                                                        |
| ISocatLINK  |                                                        |

#### 7.4.4.10.2 compressionName

| definition  | The name of the compression applied                                                                                                                                                                                                                                                                                                                                                                         |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------|--|---------|--|-----|--|-----------|--|-------|--|-----|--|------|--|-----------|--|-------|--|
| type        | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                  |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| value space | MS-compressionName                                                                                                                                                                                                                                                                                                                                                                                          |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| values      | <table> <thead> <tr> <th>value</th><th>definition</th></tr> </thead> <tbody> <tr><td>flac</td><td></td></tr> <tr><td>shorten</td><td></td></tr> <tr><td>mp3</td><td></td></tr> <tr><td>oggVorbis</td><td></td></tr> <tr><td>atrac</td><td></td></tr> <tr><td>aac</td><td></td></tr> <tr><td>mpeg</td><td></td></tr> <tr><td>realAudio</td><td></td></tr> <tr><td>other</td><td></td></tr> </tbody> </table> | value | definition | flac |  | shorten |  | mp3 |  | oggVorbis |  | atrac |  | aac |  | mpeg |  | realAudio |  | other |  |
| value       | definition                                                                                                                                                                                                                                                                                                                                                                                                  |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| flac        |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| shorten     |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| mp3         |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| oggVorbis   |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| atrac       |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| aac         |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| mpeg        |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| realAudio   |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| other       |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| examples    |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| DCLINK      |                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |
| ISocatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2685">http://www.isocat.org/datcat/DC-2685</a>                                                                                                                                                                                                                                                                                                                   |       |            |      |  |         |  |     |  |           |  |       |  |     |  |      |  |           |  |       |  |

#### 7.4.4.10.3 compressionLoss

|            |                                          |
|------------|------------------------------------------|
| definition | Whether there is loss due to compression |
| type       | xs:boolean                               |

|             |  |
|-------------|--|
| value space |  |
| values      |  |
| examples    |  |
| DCLINK      |  |
| ISocatLINK  |  |

### 7.4.5 audioClassificationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on audio type/genre of the resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| elements   | <p><a href="#">audioGenre</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">speechGenre</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">subject topic</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">register</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">conformanceToClassificationScheme</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizePerAudioClassification</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |

#### 7.4.5.1 audioGenre

|             |                                               |            |            |
|-------------|-----------------------------------------------|------------|------------|
| definition  | A first indication of type of sounds recorded |            |            |
| type        | open controlled vocabulary                    |            |            |
| value space | MS-audioGenre                                 |            |            |
| values      | value                                         | definition | ISocatLink |
|             | speech                                        |            |            |
|             | humanNonSpeech                                |            |            |

|            |                                                                   |                                                                                           |
|------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|            | song<br>instrumental<br><br>noise<br>animalVocalizations<br>other | <a href="http://www.isocat.org/datecat/DC-2611">http://www.isocat.org/datecat/DC-2611</a> |
| examples   |                                                                   |                                                                                           |
| DCLINK     |                                                                   |                                                                                           |
| ISocatLINK |                                                                   |                                                                                           |

#### 7.4.5.2 speechGenre

|             |                                                                                                                                                                                                                  |            |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| definition  | The conventionalized discourse of the content of the resource, based on extra-linguistic and internal linguistic criteria; the values here are intended only for speech                                          |            |
| type        | open controlled vocabulary                                                                                                                                                                                       |            |
| value space | MS-speechGenre                                                                                                                                                                                                   |            |
| values      | value<br>broadcastNews<br>conversation<br>meeting<br>roundtable<br>interview<br>debate<br>call-in<br>lecture<br>emotionalExpressive<br>airTrafficControl<br>questionAnswer<br>presentation<br>narrative<br>other | definition |
| examples    |                                                                                                                                                                                                                  |            |
| DCLINK      |                                                                                                                                                                                                                  |            |
| ISocatLINK  |                                                                                                                                                                                                                  |            |

### 7.4.5.3 sizePerAudioClassification

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| definition | The size of the audio subparts of the resource in terms of classification criteria |
| type       | linked component                                                                   |
| component  | <a href="#">sizeInfo</a>                                                           |

### 7.4.6 recordingInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the recording of the audio or video part of a resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| elements   | <p><a href="#">recordingDeviceType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">recordingDeviceTypeDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">recordingPlatformSoftware</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">recordingEnvironment</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">sourceChannel</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">sourceChannelType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">sourceChannelName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">sourceChannelDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">recorder</a></p> <p><i>Status: optional</i></p> |

|  |                                 |
|--|---------------------------------|
|  | <i>Repeatability: unbounded</i> |
|--|---------------------------------|

#### 7.4.6.1 recordingDeviceType

| definition       | The nature of the recording platform hardware and the storage medium                                                                                                                                                                                                                                                  |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------|--|----|--|---------|--|-----|--|-------|--|------------------|--|-------|--|
| type             | open controlled vocabulary                                                                                                                                                                                                                                                                                            |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| value space      | MS-recordingDeviceType                                                                                                                                                                                                                                                                                                |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| values           | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>hardDisk</td><td></td></tr> <tr> <td>dv</td><td></td></tr> <tr> <td>tapeVHS</td><td></td></tr> <tr> <td>DAT</td><td></td></tr> <tr> <td>flash</td><td></td></tr> <tr> <td>soundBlasterCard</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | hardDisk |  | dv |  | tapeVHS |  | DAT |  | flash |  | soundBlasterCard |  | other |  |
| value            | definition                                                                                                                                                                                                                                                                                                            |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| hardDisk         |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| dv               |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| tapeVHS          |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| DAT              |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| flash            |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| soundBlasterCard |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| other            |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| examples         |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| DCLINK           |                                                                                                                                                                                                                                                                                                                       |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |
| ISocatLINK       | <a href="http://www.isocat.org/datcat/DC-2693">http://www.isocat.org/datcat/DC-2693</a>                                                                                                                                                                                                                               |       |            |          |  |    |  |         |  |     |  |       |  |                  |  |       |  |

#### 7.4.6.2 recordingDeviceTypeDetails

|             |                                              |
|-------------|----------------------------------------------|
| definition  | Free text description of the recoding device |
| type        | xs:string                                    |
| value space |                                              |
| values      |                                              |
| examples    |                                              |
| DCLINK      |                                              |
| ISocatLINK  |                                              |

#### 7.4.6.3 recordingPlatformSoftware

|             |                                              |
|-------------|----------------------------------------------|
| definition  | The software used for the recording platform |
| type        | xs:string                                    |
| value space |                                              |
| values      |                                              |
| examples    | cubase; audition_adobe; soundforge_sony      |
| DCLINK      |                                              |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| ISOcatLINK | <a href="http://www.isocat.org/datcat/DC-2694">http://www.isocat.org/datcat/DC-2694</a> |
|------------|-----------------------------------------------------------------------------------------|

#### 7.4.6.4 recordingEnvironment

|             |                                                                                         |            |                                                                                           |
|-------------|-----------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------|
| definition  | Where the recording took place                                                          |            |                                                                                           |
| type        | open controlled vocabulary                                                              |            |                                                                                           |
| value space | MS-recordingEnvironment                                                                 |            |                                                                                           |
| values      | value                                                                                   | definition | ISOcatLink                                                                                |
|             | office                                                                                  |            | ~ <a href="http://www.isocat.org/datcat/DC-2697">http://www.isocat.org/datcat/DC-2697</a> |
|             | inCar                                                                                   |            |                                                                                           |
|             | studio                                                                                  |            | <a href="http://www.isocat.org/datcat/DC-2698">http://www.isocat.org/datcat/DC-2698</a>   |
|             |                                                                                         | bus; train |                                                                                           |
|             | transport                                                                               |            |                                                                                           |
|             | openPublicPlace                                                                         |            | <a href="http://www.isocat.org/datcat/DC-2700">http://www.isocat.org/datcat/DC-2700</a>   |
|             | closedPublicPlace                                                                       |            |                                                                                           |
|             | anechoicChamber                                                                         |            |                                                                                           |
|             | conferenceRoom                                                                          |            |                                                                                           |
|             | lectureRoom                                                                             |            |                                                                                           |
|             | industrial                                                                              |            |                                                                                           |
|             | other                                                                                   |            |                                                                                           |
| examples    |                                                                                         |            |                                                                                           |
| DCLINK      |                                                                                         |            |                                                                                           |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2568">http://www.isocat.org/datcat/DC-2568</a> |            |                                                                                           |

#### 7.4.6.5 sourceChannel

|             |                                   |            |  |
|-------------|-----------------------------------|------------|--|
| definition  | Information on the source channel |            |  |
| type        | closed controlled vocabulary      |            |  |
| value space | MS-sourceChannel                  |            |  |
| values      | value                             | definition |  |
|             | internet                          |            |  |
|             | radio                             |            |  |
|             | tv                                |            |  |
|             | telephone                         |            |  |
|             | laryngograph                      |            |  |
|             | airflow                           |            |  |
|             | EMA                               |            |  |

|            |       |
|------------|-------|
|            | other |
| examples   |       |
| DCLINK     |       |
| ISOcatLINK |       |

#### 7.4.6.6 sourceChannelType

| definition  | Type of the source channel                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------|--|-----|--|----|--|------|--|-------|--|-------|--|-------|--|------|--|-------|--|
| type        | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| value space | MS-sourceChannelType                                                                                                                                                                                                                                                                                                                                                   |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>ISDN</td><td></td></tr> <tr> <td>GSM</td><td></td></tr> <tr> <td>3G</td><td></td></tr> <tr> <td>CDMA</td><td></td></tr> <tr> <td>DVB-T</td><td></td></tr> <tr> <td>DVB-S</td><td></td></tr> <tr> <td>DVB-C</td><td></td></tr> <tr> <td>VOIP</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | ISDN |  | GSM |  | 3G |  | CDMA |  | DVB-T |  | DVB-S |  | DVB-C |  | VOIP |  | other |  |
| value       | definition                                                                                                                                                                                                                                                                                                                                                             |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| ISDN        |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| GSM         |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| 3G          |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| CDMA        |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| DVB-T       |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| DVB-S       |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| DVB-C       |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| VOIP        |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| other       |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| examples    |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| DCLINK      |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |
| ISOcatLINK  |                                                                                                                                                                                                                                                                                                                                                                        |       |            |      |  |     |  |    |  |      |  |       |  |       |  |       |  |      |  |       |  |

#### 7.4.6.7 sourceChannelName

|             |                                          |
|-------------|------------------------------------------|
| definition  | The name of the specific source recorded |
| type        | xs:string                                |
| value space |                                          |
| values      |                                          |
| examples    |                                          |
| DCLINK      |                                          |
| ISOcatLINK  |                                          |

#### 7.4.6.8 sourceChannelDetails

|            |                                                              |
|------------|--------------------------------------------------------------|
| definition | The details of the channel equipment used (brand, type etc.) |
| type       | xs:string                                                    |

|             |  |
|-------------|--|
| value space |  |
| values      |  |
| examples    |  |
| DCLINK      |  |
| ISocatLINK  |  |

#### 7.4.6.9 recorder

|            |                                                                           |
|------------|---------------------------------------------------------------------------|
| definition | Information on the recorder(s) of the audio or video part of the resource |
| type       | linked component                                                          |
| component  | <a href="#">actorInfo</a>                                                 |

#### 7.4.7 captureInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the capture of the audio or video part of a corpus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| elements   | <p><a href="#">capturingDeviceType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">capturingDeviceTypeDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">capturingDetails</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">capturingEnvironment</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sensorTechnology</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">sceneIllumination</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">personSourceSetInfo</a></p> <p><i>Status: recommended</i></p> |

|  |                         |
|--|-------------------------|
|  | <i>Repeatability: 1</i> |
|--|-------------------------|

#### 7.4.7.1 capturingDeviceType

| definition              | The transducers through which the data is captured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----------------|--|------------|--|---------------------|--|--------------------|--|--------------------|--|-----------------|--|--------------------|--|-------------------------|--|--------------|--|----------------|--|-----------------|--|-------------|--|--------|--|--------|--|-------|--|
| type                    | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| value space             | MS-capturingDeviceType                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| values                  | <table> <tr> <th>Value</th><th>definition</th></tr> <tr><td>studioEquipment</td><td></td></tr> <tr><td>microphone</td><td></td></tr> <tr><td>closeTalkMicrophone</td><td></td></tr> <tr><td>farfieldMicrophone</td><td></td></tr> <tr><td>lavalierMicrophone</td><td></td></tr> <tr><td>microphoneArray</td><td></td></tr> <tr><td>embeddedMicrophone</td><td></td></tr> <tr><td>largeMembraneMicrophone</td><td></td></tr> <tr><td>laryngograph</td><td></td></tr> <tr><td>telephoneFixed</td><td></td></tr> <tr><td>telephoneMobile</td><td></td></tr> <tr><td>telephoneIP</td><td></td></tr> <tr><td>camera</td><td></td></tr> <tr><td>webcam</td><td></td></tr> <tr><td>other</td><td></td></tr> </table> | Value | definition | studioEquipment |  | microphone |  | closeTalkMicrophone |  | farfieldMicrophone |  | lavalierMicrophone |  | microphoneArray |  | embeddedMicrophone |  | largeMembraneMicrophone |  | laryngograph |  | telephoneFixed |  | telephoneMobile |  | telephoneIP |  | camera |  | webcam |  | other |  |
| Value                   | definition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| studioEquipment         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| microphone              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| closeTalkMicrophone     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| farfieldMicrophone      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| lavalierMicrophone      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| microphoneArray         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| embeddedMicrophone      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| largeMembraneMicrophone |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| laryngograph            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| telephoneFixed          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| telephoneMobile         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| telephoneIP             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| camera                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| webcam                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| other                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| examples                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| DCLINK                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |
| ISocatLINK              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |                 |  |            |  |                     |  |                    |  |                    |  |                 |  |                    |  |                         |  |              |  |                |  |                 |  |             |  |        |  |        |  |       |  |

#### 7.4.7.2 capturingDeviceTypeDetails

|             |                                                      |
|-------------|------------------------------------------------------|
| definition  | Provides further information on the capturing device |
| type        | xs:string                                            |
| value space |                                                      |
| values      |                                                      |
| examples    |                                                      |
| DCLINK      |                                                      |
| ISocatLINK  |                                                      |

#### 7.4.7.3 capturingDetails

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| definition  | Provides further information on the capturing method and procedure                        |
| type        | xs:string                                                                                 |
| value space |                                                                                           |
| values      |                                                                                           |
| examples    |                                                                                           |
| DCLINK      |                                                                                           |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2563">http://www.isocat.org/datcat/DC-2563</a> |

#### 7.4.7.4 capturingEnvironment

|             |                                      |
|-------------|--------------------------------------|
| definition  | Type of capturing environment        |
| type        | closed controlled vocabulary         |
| value space | MS-capturingEnvironment              |
| values      | Value definition<br>complex<br>plain |
| examples    |                                      |
| DCLINK      |                                      |
| ISOcatLINK  |                                      |

#### 7.4.7.5 sensorTechnology

|             |                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------|
| definition  | Specifies either the type of image sensor or the sensing method used in the camera or the image-capture device |
| type        | xs:string                                                                                                      |
| value space |                                                                                                                |
| values      |                                                                                                                |
| examples    |                                                                                                                |
| DCLINK      |                                                                                                                |
| ISOcatLINK  |                                                                                                                |

#### 7.4.7.6 sceneIllumination

|             |                                              |
|-------------|----------------------------------------------|
| definition  | Information on the illumination of the scene |
| type        | closed controlled vocabulary                 |
| value space | MS-sceneIllumination                         |

|            |                                                                                             |
|------------|---------------------------------------------------------------------------------------------|
| values     | Value definition<br>daylight<br>fix<br>multipleSources<br>singleSource<br>variable<br>other |
| examples   |                                                                                             |
| DCLINK     |                                                                                             |
| ISocatLINK |                                                                                             |

#### 7.4.7.7 personSourceSetInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the persons (speakers, video participants, etc.) in the audio and video parts of the resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <a href="#">numberOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">ageOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">ageRangeStart</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">ageRangeEnd</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sexOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">originOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">dialectAccentOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">geographicDistributionOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">hearingImpairmentOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">speakingImpairmentOfPersons</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">numberOfTrainedSpeakers</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">speechInfluences</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">participantInfo</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.4.7.7.1 numberOfPersons

|             |                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------|
| definition  | The number of persons participating in the audio or video part of the resource                                |
| type        | xs:integer                                                                                                    |
| value space |                                                                                                               |
| values      |                                                                                                               |
| examples    |                                                                                                               |
| DCLINK      |                                                                                                               |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2692">http://www.isocat.org/datcat/DC-2692</a> (only for speakers) |

#### 7.4.7.7.2 ageOfPersons

|             |                                                                                                                                     |       |            |       |  |          |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------|--|----------|--|
| definition  | The age range of the group of participants                                                                                          |       |            |       |  |          |  |
| type        | closed controlled vocabulary                                                                                                        |       |            |       |  |          |  |
| value space | MS-ageOfPersons                                                                                                                     |       |            |       |  |          |  |
| values      | <table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>child</td><td></td></tr> <tr> <td>teenager</td><td></td></tr> </table> | value | definition | child |  | teenager |  |
| value       | definition                                                                                                                          |       |            |       |  |          |  |
| child       |                                                                                                                                     |       |            |       |  |          |  |
| teenager    |                                                                                                                                     |       |            |       |  |          |  |

|            |                  |
|------------|------------------|
|            | adult<br>elderly |
| examples   |                  |
| DCLINK     |                  |
| ISOcatLINK |                  |

#### 7.4.7.7.3 ageRangeStart

|             |                                                 |
|-------------|-------------------------------------------------|
| definition  | Start of age range of the group of participants |
| type        | xs:integer                                      |
| value space |                                                 |
| values      |                                                 |
| examples    |                                                 |
| DCLINK      |                                                 |
| ISOcatLINK  |                                                 |

#### 7.4.7.7.4 ageRangeEnd

|             |                                               |
|-------------|-----------------------------------------------|
| definition  | End of age range of the group of participants |
| type        | xs:integer                                    |
| value space |                                               |
| values      |                                               |
| examples    |                                               |
| DCLINK      |                                               |
| ISOcatLINK  |                                               |

#### 7.4.7.7.5 sexOfPersons

| definition  | The gender of the group of participants                                                                                                                                                                |       |            |      |  |        |  |       |  |         |  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------|--|--------|--|-------|--|---------|--|
| type        | closed controlled vocabulary                                                                                                                                                                           |       |            |      |  |        |  |       |  |         |  |
| value space | MS-sexOfPersons                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>male</td><td></td></tr> <tr> <td>female</td><td></td></tr> <tr> <td>mixed</td><td></td></tr> <tr> <td>unknown</td><td></td></tr> </table> | value | definition | male |  | female |  | mixed |  | unknown |  |
| value       | definition                                                                                                                                                                                             |       |            |      |  |        |  |       |  |         |  |
| male        |                                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |
| female      |                                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |
| mixed       |                                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |
| unknown     |                                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |
| examples    |                                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |
| DCLINK      |                                                                                                                                                                                                        |       |            |      |  |        |  |       |  |         |  |

|            |                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| ISocatLINK | ~ <a href="http://www.isocat.org/datcat/DC-2560">http://www.isocat.org/datcat/DC-2560</a> (refers to the sex of each one of the participants) |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.4.7.7.6 originOfPersons

| definition  | The language origin of the group of participants                                                                                                                                                            |       |            |        |  |           |  |       |  |         |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|--------|--|-----------|--|-------|--|---------|--|
| type        | closed controlled vocabulary                                                                                                                                                                                |       |            |        |  |           |  |       |  |         |  |
| value space | MS-originOfPersons                                                                                                                                                                                          |       |            |        |  |           |  |       |  |         |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>native</td><td></td></tr> <tr> <td>nonNative</td><td></td></tr> <tr> <td>mixed</td><td></td></tr> <tr> <td>unknown</td><td></td></tr> </table> | value | definition | native |  | nonNative |  | mixed |  | unknown |  |
| value       | definition                                                                                                                                                                                                  |       |            |        |  |           |  |       |  |         |  |
| native      |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |
| nonNative   |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |
| mixed       |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |
| unknown     |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |
| examples    |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |
| DCLINK      |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |
| ISocatLINK  |                                                                                                                                                                                                             |       |            |        |  |           |  |       |  |         |  |

#### 7.4.7.7.7 dialectAccentOfPersons

|             |                                                                  |
|-------------|------------------------------------------------------------------|
| definition  | Provides information on the dialect of the group of participants |
| type        | xs:string                                                        |
| value space |                                                                  |
| values      |                                                                  |
| examples    |                                                                  |
| DCLINK      |                                                                  |
| ISocatLINK  |                                                                  |

#### 7.4.7.7.8 geographicDistributionOfPersons

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| definition  | Gives information on the geographic distribution of the participants |
| type        | xs:string                                                            |
| value space |                                                                      |
| values      |                                                                      |
| examples    |                                                                      |
| DCLINK      |                                                                      |
| ISocatLINK  |                                                                      |

#### 7.4.7.7.9 hearingImpairmentOfPersons

| definition  | Whether the group of participants contains persons with hearing impairments                                                                                   |       |            |     |  |    |  |       |  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|--|----|--|-------|--|
| type        | closed controlled vocabulary                                                                                                                                  |       |            |     |  |    |  |       |  |
| value space | MS-hearingImpairmentOfPersons                                                                                                                                 |       |            |     |  |    |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>yes</td><td></td></tr> <tr> <td>no</td><td></td></tr> <tr> <td>mixed</td><td></td></tr> </table> | value | definition | yes |  | no |  | mixed |  |
| value       | definition                                                                                                                                                    |       |            |     |  |    |  |       |  |
| yes         |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| no          |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| mixed       |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| examples    |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| DCLINK      |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| ISOcatLINK  |                                                                                                                                                               |       |            |     |  |    |  |       |  |

#### 7.4.7.7.10 speakingImpairmentOfPersons

| definition  | Whether the group of participants contains persons withwith speakingimpairments                                                                               |       |            |     |  |    |  |       |  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|--|----|--|-------|--|
| type        | closed controlled vocabulary                                                                                                                                  |       |            |     |  |    |  |       |  |
| value space | MS-hearingImpairmentOfPersons                                                                                                                                 |       |            |     |  |    |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>yes</td><td></td></tr> <tr> <td>no</td><td></td></tr> <tr> <td>mixed</td><td></td></tr> </table> | value | definition | yes |  | no |  | mixed |  |
| value       | definition                                                                                                                                                    |       |            |     |  |    |  |       |  |
| yes         |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| no          |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| mixed       |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| examples    |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| DCLINK      |                                                                                                                                                               |       |            |     |  |    |  |       |  |
| ISOcatLINK  |                                                                                                                                                               |       |            |     |  |    |  |       |  |

#### 7.4.7.7.11numberOfTrainedSpeakers

|             |                                                                         |
|-------------|-------------------------------------------------------------------------|
| definition  | The number of participants that have been trained for the specific task |
| type        | xs:integer                                                              |
| value space |                                                                         |
| values      |                                                                         |
| examples    |                                                                         |
| DCLINK      |                                                                         |
| ISOcatLINK  |                                                                         |

#### 7.4.7.7.12 **speechInfluences**

| definition       | Specifies the factors influencing speech                                                                                                                                                                                                                      |       |            |         |  |                  |  |            |  |            |  |       |  |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---------|--|------------------|--|------------|--|------------|--|-------|--|
| type             | open controlled vocabulary                                                                                                                                                                                                                                    |       |            |         |  |                  |  |            |  |            |  |       |  |
| value space      | MS-speechInfluences                                                                                                                                                                                                                                           |       |            |         |  |                  |  |            |  |            |  |       |  |
| values           | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>alcohol</td><td></td></tr> <tr> <td>sleepDeprivation</td><td></td></tr> <tr> <td>hyperbaric</td><td></td></tr> <tr> <td>medication</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | alcohol |  | sleepDeprivation |  | hyperbaric |  | medication |  | other |  |
| value            | definition                                                                                                                                                                                                                                                    |       |            |         |  |                  |  |            |  |            |  |       |  |
| alcohol          |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| sleepDeprivation |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| hyperbaric       |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| medication       |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| other            |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| examples         |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| DCLINK           |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| ISOcatLINK       |                                                                                                                                                                                                                                                               |       |            |         |  |                  |  |            |  |            |  |       |  |
| comment          | restricted to audio parts of the resource                                                                                                                                                                                                                     |       |            |         |  |                  |  |            |  |            |  |       |  |

#### 7.4.7.7.13 **participantInfo**

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the individual person(s) participating in the audio, video, sensorimotor (textNumerical) part of the resource                                                                                                                                                                                                                                                                                                                                                                                                        |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| elements   | <p><a href="#">alias</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">ageGroup</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">age</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sex</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">origin</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">placeOfLiving</a></p> <p><i>Status: optional</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: 1</i></p> <p><a href="#"><u>placeOfBirth</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>placeOfChildhood</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>dialectAccent</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>speakingImpairment</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>hearingImpairment</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>smokingHabits</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>vocalTractConditions</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>profession</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>height</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>weight</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>trainedSpeaker</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>placeOfSecondEducation</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |                                                                                      |
|--|--------------------------------------------------------------------------------------|
|  | <a href="#">educationLevel</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|--------------------------------------------------------------------------------------|

#### 7.4.7.7.13.1 alias

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| definition  | The name of the person used instead of the real one                                       |
| type        | xs:string                                                                                 |
| value space |                                                                                           |
| values      |                                                                                           |
| examples    |                                                                                           |
| DCLINK      |                                                                                           |
| ISocatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2552">http://www.isocat.org/datcat/DC-2552</a> |

#### 7.4.7.7.13.2 ageGroup

| definition  | The age group to which the participant belongs                                                                                                                                                                                                         |       |            |       |  |          |  |       |  |         |  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------|--|----------|--|-------|--|---------|--|
| type        | closed controlled vocabulary                                                                                                                                                                                                                           |       |            |       |  |          |  |       |  |         |  |
| value space | MS-ageGroup                                                                                                                                                                                                                                            |       |            |       |  |          |  |       |  |         |  |
| values      | <table border="1"> <thead> <tr> <th>value</th><th>definition</th></tr> </thead> <tbody> <tr> <td>child</td><td></td></tr> <tr> <td>teenager</td><td></td></tr> <tr> <td>adult</td><td></td></tr> <tr> <td>elderly</td><td></td></tr> </tbody> </table> | value | definition | child |  | teenager |  | adult |  | elderly |  |
| value       | definition                                                                                                                                                                                                                                             |       |            |       |  |          |  |       |  |         |  |
| child       |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |
| teenager    |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |
| adult       |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |
| elderly     |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |
| examples    |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |
| DCLINK      |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |
| ISocatLINK  |                                                                                                                                                                                                                                                        |       |            |       |  |          |  |       |  |         |  |

#### 7.4.7.7.13.3 age

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | The age of the participant                                                              |
| type        | free text                                                                               |
| value space |                                                                                         |
| values      |                                                                                         |
| examples    |                                                                                         |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2550">http://www.isocat.org/datcat/DC-2550</a> |

#### 7.4.7.7.13.4 origin

| definition  | The language origin of the participant                                                                                                                                    |       |            |        |  |           |  |         |  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|--------|--|-----------|--|---------|--|
| type        | closed controlled vocabulary                                                                                                                                              |       |            |        |  |           |  |         |  |
| value space | MS-origin                                                                                                                                                                 |       |            |        |  |           |  |         |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>native</td><td></td></tr> <tr> <td>nonNative</td><td></td></tr> <tr> <td>unknown</td><td></td></tr> </table> | value | definition | native |  | nonNative |  | unknown |  |
| value       | definition                                                                                                                                                                |       |            |        |  |           |  |         |  |
| native      |                                                                                                                                                                           |       |            |        |  |           |  |         |  |
| nonNative   |                                                                                                                                                                           |       |            |        |  |           |  |         |  |
| unknown     |                                                                                                                                                                           |       |            |        |  |           |  |         |  |
| examples    |                                                                                                                                                                           |       |            |        |  |           |  |         |  |
| DCLINK      |                                                                                                                                                                           |       |            |        |  |           |  |         |  |
| ISocatLINK  |                                                                                                                                                                           |       |            |        |  |           |  |         |  |

#### 7.4.7.7.13.5 placeOfLiving

|             |                                   |
|-------------|-----------------------------------|
| definition  | The participant's place of living |
| type        | xs:string                         |
| value space |                                   |
| values      |                                   |
| examples    |                                   |
| DCLINK      |                                   |
| ISocatLINK  |                                   |

#### 7.4.7.7.13.6 placeOfBirth

|             |                                                  |
|-------------|--------------------------------------------------|
| definition  | The place in which the participant has been born |
| type        | xs:string                                        |
| value space |                                                  |
| values      |                                                  |
| examples    |                                                  |
| DCLINK      |                                                  |
| ISocatLINK  |                                                  |

#### 7.4.7.7.13.7 placeOfChildhood

|             |                                                     |
|-------------|-----------------------------------------------------|
| definition  | The place in which the participant lived as a child |
| type        | xs:string                                           |
| value space |                                                     |
| values      |                                                     |

|            |  |
|------------|--|
| examples   |  |
| DCLINK     |  |
| ISocatLINK |  |

#### 7.4.7.7.13.8dialectAccent

|             |                                                                                                               |
|-------------|---------------------------------------------------------------------------------------------------------------|
| definition  | Provides information on the dialect of the participant                                                        |
| type        | xs:string                                                                                                     |
| value space |                                                                                                               |
| values      |                                                                                                               |
| examples    |                                                                                                               |
| DCLINK      |                                                                                                               |
| ISocatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2553">http://www.isocat.org/datcat/DC-2553</a> (dominant language) |

#### 7.4.7.7.13.9speakingImpairment

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| definition  | Provides information on any speaking impairment the participant may have |
| type        | xs:string                                                                |
| value space |                                                                          |
| values      |                                                                          |
| examples    |                                                                          |
| DCLINK      |                                                                          |
| ISocatLINK  |                                                                          |

#### 7.4.7.7.13.10 hearingImpairment

|             |                                                                         |
|-------------|-------------------------------------------------------------------------|
| definition  | Provides information on any hearing impairment the participant may have |
| type        | xs:string                                                               |
| value space |                                                                         |
| values      |                                                                         |
| examples    |                                                                         |
| DCLINK      |                                                                         |
| ISocatLINK  |                                                                         |

#### 7.4.7.7.13.11 smokingHabits

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| definition | Provides information on whether the participant smokes and on his/her smoking habits in general |
|------------|-------------------------------------------------------------------------------------------------|

|             |           |
|-------------|-----------|
| type        | xs:string |
| value space |           |
| values      |           |
| examples    |           |
| DCLINK      |           |
| ISOcatLINK  |           |

#### 7.4.7.7.13.12 vocalTractConditions

|             |                                                                                                     |            |
|-------------|-----------------------------------------------------------------------------------------------------|------------|
| definition  | Provides information on the vocal tract conditions that may influence the speech of the participant |            |
| type        | open controlled vocabulary                                                                          |            |
| value space | MS-vocalTractConditions                                                                             |            |
| values      | value                                                                                               | definition |
|             | dentalProsthesis                                                                                    |            |
|             | other                                                                                               |            |
| examples    |                                                                                                     |            |
| DCLINK      |                                                                                                     |            |
| ISOcatLINK  |                                                                                                     |            |

#### 7.4.7.7.13.13 profession

|             |                                                                                         |  |
|-------------|-----------------------------------------------------------------------------------------|--|
| definition  | Provides information on the participant's profession                                    |  |
| type        | xs:string                                                                               |  |
| value space |                                                                                         |  |
| values      |                                                                                         |  |
| examples    |                                                                                         |  |
| DCLINK      |                                                                                         |  |
| ISOcatLINK  | <a href="http://www.isocat.org/datcat/DC-2558">http://www.isocat.org/datcat/DC-2558</a> |  |

#### 7.4.7.7.13.14 height

|             |                                                             |  |
|-------------|-------------------------------------------------------------|--|
| definition  | Provides information on the height of the participant in cm |  |
| type        | xs:integer                                                  |  |
| value space |                                                             |  |
| values      |                                                             |  |
| examples    |                                                             |  |
| DCLINK      |                                                             |  |

|            |  |
|------------|--|
| ISOcatLINK |  |
|------------|--|

#### 7.4.7.7.13.15 weight

|             |                                                       |
|-------------|-------------------------------------------------------|
| definition  | Provides information on the weight of the participant |
| type        | xs:integer                                            |
| value space |                                                       |
| values      |                                                       |
| examples    |                                                       |
| DCLINK      |                                                       |
| ISOcatLINK  |                                                       |

#### 7.4.7.7.13.16 trainedSpeaker

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| definition  | Provides information on whether the participant is trained in a specific task |
| type        | xs:boolean                                                                    |
| value space |                                                                               |
| values      |                                                                               |
| examples    |                                                                               |
| DCLINK      |                                                                               |
| ISOcatLINK  |                                                                               |

#### 7.4.7.7.13.17 placeOfSecondEducation

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| definition  | Specifies the place of the secondary education of the participant |
| type        | xs:string                                                         |
| value space |                                                                   |
| values      |                                                                   |
| examples    |                                                                   |
| DCLINK      |                                                                   |
| ISOcatLINK  |                                                                   |

#### 7.4.7.7.13.18 educationLevel

|             |                                                                |
|-------------|----------------------------------------------------------------|
| definition  | Provides information on the education level of the participant |
| type        | xs:string                                                      |
| value space |                                                                |
| values      |                                                                |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| examples   |                                                                                         |
| DCLINK     |                                                                                         |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2554">http://www.isocat.org/datcat/DC-2554</a> |

## 7.5 corpusVideoInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the video component of a corpus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value "video"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">videoContentInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">settingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">videoFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">domainInfo</a></p> <p><i>Status: recommended</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">videoClassificationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">recordingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">captureInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">linkToOtherMediaInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 7.5.1 videoContentInfo

|            |                                                                                                                                                                                                                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the contents of the video part of a resource                                                                                                                                                                                                                                                                   |
| type       | component                                                                                                                                                                                                                                                                                                                                     |
| elements   | <p><a href="#">typeOfVideoContent</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">textIncludedInVideoType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">dynamicElementInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

|          |  |
|----------|--|
| comments |  |
|----------|--|

### 7.5.1.1 typeOfVideoContent

|             |                                                        |
|-------------|--------------------------------------------------------|
| definition  | Main type of object or people represented in the video |
| type        | xs:string                                              |
| value space |                                                        |
| values      |                                                        |
| examples    | animated; true life                                    |
| DCLINK      |                                                        |
| ISOcatLINK  |                                                        |
| comments    |                                                        |

### 7.5.1.2 textIncludedInVideoType

| definition  | Indicates if text is present in or in conjunction with the video                                                                                                         |       |            |          |  |           |  |      |  |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------|--|-----------|--|------|--|
| type        | closed controlled vocabulary                                                                                                                                             |       |            |          |  |           |  |      |  |
| value space | MS-textIncludedInVideoType                                                                                                                                               |       |            |          |  |           |  |      |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>captions</td><td></td></tr> <tr> <td>subtitles</td><td></td></tr> <tr> <td>none</td><td></td></tr> </table> | value | definition | captions |  | subtitles |  | none |  |
| value       | definition                                                                                                                                                               |       |            |          |  |           |  |      |  |
| captions    |                                                                                                                                                                          |       |            |          |  |           |  |      |  |
| subtitles   |                                                                                                                                                                          |       |            |          |  |           |  |      |  |
| none        |                                                                                                                                                                          |       |            |          |  |           |  |      |  |
| examples    |                                                                                                                                                                          |       |            |          |  |           |  |      |  |
| DCLINK      |                                                                                                                                                                          |       |            |          |  |           |  |      |  |
| ISOcatLINK  |                                                                                                                                                                          |       |            |          |  |           |  |      |  |

### 7.5.1.3 dynamicElementInfo

|            |                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the dynamic elements that are represented in the video part of the resource                                                                                      |
| type       | component                                                                                                                                                                              |
| elements   | <a href="#">typeOfElement</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">bodyParts</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <p><a href="#"><u>distractors</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>interactiveMedia</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>faceViews</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>faceExpressions</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>bodyMovement</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>gestures</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>handArmMovement</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>handManipulation</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>headMovement</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>eyeMovement</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>posesPerSubject</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |
| comments |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

#### 7.5.1.3.1 typeOfElement

|             |                                                                                           |
|-------------|-------------------------------------------------------------------------------------------|
| definition  | The type of objects or people that represented in the video or image part of the resource |
| type        | xs:string                                                                                 |
| value space |                                                                                           |
| values      |                                                                                           |
| examples    |                                                                                           |
| DCLINK      |                                                                                           |
| ISocatLINK  |                                                                                           |
| comments    |                                                                                           |

#### 7.5.1.3.2 bodyParts

|             |                                                                   |            |
|-------------|-------------------------------------------------------------------|------------|
| definition  | The body parts visible in the video or image part of the resource |            |
| type        | closed controlled vocabulary                                      |            |
| value space | MS-bodyParts                                                      |            |
| values      | value                                                             | definition |
|             | arms                                                              |            |
|             | face                                                              |            |
|             | feet                                                              |            |
|             | hands                                                             |            |
|             | head                                                              |            |
|             | legs                                                              |            |
|             | mouth                                                             |            |
|             | wholeBody                                                         |            |
|             | none                                                              |            |
| examples    |                                                                   |            |
| DCLINK      |                                                                   |            |
| ISocatLINK  |                                                                   |            |
| comments    |                                                                   |            |

#### 7.5.1.3.3 distractors

|             |                                         |
|-------------|-----------------------------------------|
| definition  | Any distractors visible in the resource |
| type        | xs:string                               |
| value space |                                         |
| values      |                                         |

|            |                                                                           |
|------------|---------------------------------------------------------------------------|
| examples   | glasses; hat; markers; microphone; mobilePhone; pen; paper; notepad; none |
| DCLINK     |                                                                           |
| ISOcatLINK |                                                                           |
| comments   |                                                                           |

#### 7.5.1.3.4 interactiveMedia

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| definition  | Any interactive media visible in the resource                                       |
| type        | xs:string                                                                           |
| value space |                                                                                     |
| values      |                                                                                     |
| examples    | computerPen; dataGlove; desktopPC; graphicalScreen; laptop; mousePDA; tactileScreen |
| DCLINK      |                                                                                     |
| ISOcatLINK  |                                                                                     |
| comments    |                                                                                     |

#### 7.5.1.3.5 faceViews

|             |                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------|
| definition  | Indicates the view of the face(s) that appear in the video or on the image part of the resource |
| type        | xs:string                                                                                       |
| value space |                                                                                                 |
| values      |                                                                                                 |
| examples    | frontal; profile                                                                                |
| DCLINK      |                                                                                                 |
| ISOcatLINK  |                                                                                                 |
| comments    |                                                                                                 |

#### 7.5.1.3.6 faceExpressions

|             |                                                                                      |
|-------------|--------------------------------------------------------------------------------------|
| definition  | Indicates the facial expressions visible in the resource                             |
| type        | xs:string                                                                            |
| value space |                                                                                      |
| values      |                                                                                      |
| examples    | anger, disgust, fear, happiness, sadness, surprise, boredom; faceNotVisible; neutral |
| DCLINK      |                                                                                      |

|            |  |
|------------|--|
| ISocatLINK |  |
|------------|--|

#### 7.5.1.3.7 bodyMovement

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| definition  | Indicates the body parts that move in the video part of the resource |
| type        | xs:string                                                            |
| value space |                                                                      |
| values      |                                                                      |
| examples    | head; arms; legs; lowerBody; upperBody; wholeBody                    |
| DCLINK      |                                                                      |
| ISocatLINK  |                                                                      |
| comments    |                                                                      |

#### 7.5.1.3.8 gestures

|             |                                                          |
|-------------|----------------------------------------------------------|
| definition  | Indicates the type of gestures visible in the resource   |
| type        | xs:string                                                |
| value space |                                                          |
| values      |                                                          |
| examples    | emotional; interactional; nonInteractional; unidentified |
| DCLINK      |                                                          |
| ISocatLINK  |                                                          |
| comments    |                                                          |

#### 7.5.1.3.9 handArmMovement

|             |                                                                              |
|-------------|------------------------------------------------------------------------------|
| definition  | Indicates the movement of hands and/or arms visible in the resource          |
| type        | xs:string                                                                    |
| value space |                                                                              |
| values      |                                                                              |
| examples    | right hand; left hand; right arm; left arm; pair; complex; function; spatial |
| DCLINK      |                                                                              |
| ISocatLINK  |                                                                              |
| comments    |                                                                              |

#### 7.5.1.3.10 handManipulation

|            |                                                          |
|------------|----------------------------------------------------------|
| definition | Gives information on the manipulation of objects by hand |
|------------|----------------------------------------------------------|

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| type        | xs:string                                                                |
| value space |                                                                          |
| values      |                                                                          |
| examples    | changingPosition; direct; indirect; joining; splitting; modifyingObjects |
| DCLINK      |                                                                          |
| ISOcatLINK  |                                                                          |
| comments    |                                                                          |

#### **7.5.1.3.11 headMovement**

|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| definition  | Indicates the movements of the head visible in the resource                 |
| type        | xs:string                                                                   |
| value space |                                                                             |
| values      |                                                                             |
| examples    | backward; forward; rotationLeft; rotationRight; sidewardLeft; sidewardRight |
| DCLINK      |                                                                             |
| ISOcatLINK  |                                                                             |
| comments    |                                                                             |

#### **7.5.1.3.12 eyeMovement**

|             |                                                            |
|-------------|------------------------------------------------------------|
| definition  | Indicates the movement of the eyes visible in the resource |
| type        | xs:string                                                  |
| value space |                                                            |
| values      |                                                            |
| examples    | convergence; horizontal; pursuit; saccades; vertical       |
| DCLINK      |                                                            |
| ISOcatLINK  |                                                            |
| comments    |                                                            |

#### **7.5.1.3.13 posesPerSubject**

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| definition  | The number of poses per subject that participates in the video part of the resource |
| type        | xs:int                                                                              |
| value space |                                                                                     |
| values      |                                                                                     |

|            |  |
|------------|--|
| examples   |  |
| DCLINK     |  |
| ISOCatLINK |  |
| comments   |  |

### 7.5.2 videoFormatInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the format(s) of a resource; repeated if parts of the resource are in different formats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| elements   | <p><a href="#">mimeType</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">colourSpace</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">colourDepth</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">frameRate</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">resolutionInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">visualModelling</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">fidelity</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">compressionInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">recordingQuality</a></p> <p><i>Status: optional</i></p> |

|  |                                                                                                                     |
|--|---------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: 1</i><br><a href="#">sizePerVideoFormat</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|---------------------------------------------------------------------------------------------------------------------|

### 7.5.2.1 colourSpace

| definition  | Defines the colour space for the video                                                                                                                                                          |       |            |     |  |      |  |       |  |     |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|--|------|--|-------|--|-----|--|
| type        | closed controlled vocabulary                                                                                                                                                                    |       |            |     |  |      |  |       |  |     |  |
| value space | MS-colourSpace                                                                                                                                                                                  |       |            |     |  |      |  |       |  |     |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>RGB</td><td></td></tr> <tr> <td>CMYK</td><td></td></tr> <tr> <td>4:2:2</td><td></td></tr> <tr> <td>YUV</td><td></td></tr> </table> | value | definition | RGB |  | CMYK |  | 4:2:2 |  | YUV |  |
| value       | definition                                                                                                                                                                                      |       |            |     |  |      |  |       |  |     |  |
| RGB         |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |
| CMYK        |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |
| 4:2:2       |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |
| YUV         |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |
| examples    |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |
| DCLINK      |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |
| ISocatLINK  |                                                                                                                                                                                                 |       |            |     |  |      |  |       |  |     |  |

### 7.5.2.2 colourDepth

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| definition  | The number of bits used to represent the colour of a single pixel |
| type        | xs:int                                                            |
| value space |                                                                   |
| values      |                                                                   |
| examples    | 8; 16; 24; 30; 36                                                 |
| DCLINK      |                                                                   |
| ISocatLINK  |                                                                   |
| comments    |                                                                   |

### 7.5.2.3 frameRate

|             |                                 |
|-------------|---------------------------------|
| definition  | The number of frames per second |
| type        | xs:int                          |
| value space |                                 |
| values      |                                 |
| examples    | 25; 30                          |

|            |           |
|------------|-----------|
| DCLINK     |           |
| ISOcatLINK |           |
| comments   | Hz, fps ? |

#### 7.5.2.4 resolutionInfo

|            |                                                                                                                                                                                                                                                                 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the image resolution                                                                                                                                                                                                             |
| type       | component                                                                                                                                                                                                                                                       |
| elements   | <a href="#">sizeWidth</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizeHeight</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">resolutionStandard</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comments   |                                                                                                                                                                                                                                                                 |

##### 7.5.2.4.1 sizeWidth

|             |                           |
|-------------|---------------------------|
| definition  | The frame width in pixels |
| type        | xs:int                    |
| value space |                           |
| values      |                           |
| examples    |                           |
| DCLINK      |                           |
| ISOcatLINK  |                           |
| comments    |                           |

##### 7.5.2.4.2 sizeHeight

|             |                            |
|-------------|----------------------------|
| definition  | The frame height in pixels |
| type        | xs:int                     |
| value space |                            |
| values      |                            |
| examples    |                            |
| DCLINK      |                            |

|            |  |
|------------|--|
| ISOcatLINK |  |
| comments   |  |

#### 7.5.2.4.3 resolutionStandard

| definition  | The standard to which the resolution conforms                                                                                                                                                         |       |            |     |  |        |  |         |  |       |  |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|--|--------|--|---------|--|-------|--|
| type        | open controlled vocabulary                                                                                                                                                                            |       |            |     |  |        |  |         |  |       |  |
| value space | MS-resolutionStandard                                                                                                                                                                                 |       |            |     |  |        |  |         |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>VGA</td><td></td></tr> <tr> <td>HD.720</td><td></td></tr> <tr> <td>HD.1080</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | VGA |  | HD.720 |  | HD.1080 |  | other |  |
| value       | definition                                                                                                                                                                                            |       |            |     |  |        |  |         |  |       |  |
| VGA         |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| HD.720      |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| HD.1080     |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| other       |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| examples    |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| DCLINK      |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| ISOcatLINK  |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |
| comments    |                                                                                                                                                                                                       |       |            |     |  |        |  |         |  |       |  |

#### 7.5.2.5 visualModelling

| definition  | The dimensional form applied on video or image corpus                                                                      |       |            |    |  |    |  |
|-------------|----------------------------------------------------------------------------------------------------------------------------|-------|------------|----|--|----|--|
| type        | closed controlled vocabulary                                                                                               |       |            |    |  |    |  |
| value space | MS-visualModelling                                                                                                         |       |            |    |  |    |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>2D</td><td></td></tr> <tr> <td>3D</td><td></td></tr> </table> | value | definition | 2D |  | 3D |  |
| value       | definition                                                                                                                 |       |            |    |  |    |  |
| 2D          |                                                                                                                            |       |            |    |  |    |  |
| 3D          |                                                                                                                            |       |            |    |  |    |  |
| examples    |                                                                                                                            |       |            |    |  |    |  |
| DCLINK      |                                                                                                                            |       |            |    |  |    |  |
| ISOcatLINK  |                                                                                                                            |       |            |    |  |    |  |
| comments    |                                                                                                                            |       |            |    |  |    |  |

#### 7.5.2.6 fidelity

|             |                                                         |
|-------------|---------------------------------------------------------|
| definition  | Defines whether blur is present in the moving sequences |
| type        | xs:boolean                                              |
| value space |                                                         |
| values      |                                                         |

|            |  |
|------------|--|
| examples   |  |
| DCLINK     |  |
| ISOcatLINK |  |
| comments   |  |

### 7.5.2.7 sizePerVideoFormat

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| definition | Used to give info on size of parts of a resource that differ as to the format |
| type       | special Status component                                                      |
| component  | <a href="#">sizeInfo</a>                                                      |

## 7.5.3 videoClassificationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on video genre of the resource                                                                                                                                                                                                                                                                                                                                |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                 |
| elements   | <a href="#">videoGenre</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">subject topic</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">conformanceToClassificationScheme</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizePerVideoClassification</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comments   |                                                                                                                                                                                                                                                                                                                                                                                           |

### 7.5.3.1 videoGenre

|             |                                                      |
|-------------|------------------------------------------------------|
| definition  | A first indication of type of video recorded         |
| type        | xs:string                                            |
| value space |                                                      |
| values      |                                                      |
| examples    | news; sports; documentary; tvSeries; videotapedEvent |
| DCLINK      |                                                      |

|            |  |
|------------|--|
| ISOcatLINK |  |
| comments   |  |

### 7.5.3.2 sizePerVideoClassification

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| definition | Used to give info on size of parts with different video classification |
| type       | special status component                                               |
| component  | <a href="#">sizeInfo</a>                                               |

## 7.6 corpusImageInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the image component of a resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value "image"</i></p> <p><i>Repeatability: 1</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">imageContentInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">imageFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationInfo</a></p> <p><i>Status: recommended</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: unbounded</i></p> <p><a href="#">domainInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">imageClassificationInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">captureInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">linkToOtherMediaInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 7.6.1 imageContentInfo

|            |                                                                                                                                                                                                                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the contents of the image part of a resource                                                                                                                                                                                                                                                              |
| type       | component                                                                                                                                                                                                                                                                                                                                |
| element    | <p><a href="#">typeOfImageContent</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">textIncludedInImage</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">staticElementInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> |

|          |  |
|----------|--|
| comments |  |
|----------|--|

#### 7.6.1.1 typeOfImageContent

|             |                                                                                                                    |
|-------------|--------------------------------------------------------------------------------------------------------------------|
| definition  | The main types of object or people represented in the image corpus                                                 |
| type        | xs:string                                                                                                          |
| value space |                                                                                                                    |
| values      |                                                                                                                    |
| examples    | car; people; mountain; scenery; objects; buildings; people; faces; events; biometrical measurements; diagrams etc. |
| DCLINK      |                                                                                                                    |
| ISOcatLINK  |                                                                                                                    |
| comments    |                                                                                                                    |

#### 7.6.1.2 textIncludedInImage

| definition  | Provides information on the type of text that may be on the image                                                                                                                                                |       |            |          |  |           |  |             |  |      |  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------|--|-----------|--|-------------|--|------|--|
| type        | closedcontrolled vocabulary                                                                                                                                                                                      |       |            |          |  |           |  |             |  |      |  |
| value space | MS-textIncludedInImage                                                                                                                                                                                           |       |            |          |  |           |  |             |  |      |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>captions</td><td></td></tr> <tr> <td>subtitles</td><td></td></tr> <tr> <td>captureTime</td><td></td></tr> <tr> <td>none</td><td></td></tr> </table> | value | definition | captions |  | subtitles |  | captureTime |  | none |  |
| value       | definition                                                                                                                                                                                                       |       |            |          |  |           |  |             |  |      |  |
| captions    |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| subtitles   |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| captureTime |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| none        |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| examples    |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| DCLINK      |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| ISOcatLINK  |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |
| comments    |                                                                                                                                                                                                                  |       |            |          |  |           |  |             |  |      |  |

#### 7.6.1.3 StaticElementInfo

|            |                                                                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the static element visible on the images                                                                                       |
| type       | component                                                                                                                                            |
| element    | <a href="#">typeOfElement</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">bodyParts</a><br><i>Status: optional</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>faceExpressions</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>faceViews</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>artifactParts</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded<sub>1</sub></i></p> <p><a href="#"><u>landscapeParts</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>personDescription</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>thingDescription</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>organizationDescription</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>eventDescription</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.6.1.3.1 artifactParts

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| definition  | Indicates the parts of the artifacts represented in the image corpus |
| type        | xs:string                                                            |
| value space |                                                                      |
| values      |                                                                      |
| examples    |                                                                      |
| DCLINK      |                                                                      |
| ISocatLINK  |                                                                      |

#### 7.6.1.3.2 landscapeParts

|             |                                                               |
|-------------|---------------------------------------------------------------|
| definition  | Indicates the landscape parts represented in the image corpus |
| type        | xs:string                                                     |
| value space |                                                               |
| values      |                                                               |
| examples    |                                                               |
| DCLINK      |                                                               |
| ISOcatLINK  |                                                               |

#### 7.6.1.3.3 personDescription

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| definition  | Provides descriptive features for the persons represented in the image corpus |
| type        | xs:string                                                                     |
| value space |                                                                               |
| values      |                                                                               |
| examples    |                                                                               |
| DCLINK      |                                                                               |
| ISOcatLINK  |                                                                               |

#### 7.6.1.3.4 thingDescription

|             |                                                                    |
|-------------|--------------------------------------------------------------------|
| definition  | Provides description of the things represented in the image corpus |
| type        | xs:string                                                          |
| value space |                                                                    |
| values      |                                                                    |
| examples    |                                                                    |
| DCLINK      |                                                                    |
| ISOcatLINK  |                                                                    |

#### 7.6.1.3.5 organizationDescription

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| definition  | Provides description of the organizations that may appear in the image corpus |
| type        | xs:string                                                                     |
| value space |                                                                               |
| values      |                                                                               |
| examples    |                                                                               |

|            |  |
|------------|--|
| DCLINK     |  |
| ISOcatLINK |  |

#### 7.6.1.3.6 eventDescription

|             |                                                                    |
|-------------|--------------------------------------------------------------------|
| definition  | Provides description of any events represented in the image corpus |
| type        | xs:string                                                          |
| value space |                                                                    |
| values      |                                                                    |
| examples    |                                                                    |
| DCLINK      |                                                                    |
| ISOcatLINK  |                                                                    |

#### 7.6.2 imageFormatInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the format of the image component of the resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| element    | <p><a href="#">mimeType</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">colourSpace</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">colourDepth</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">compressionInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">resolutionInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">visualModelling</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">rasterOrVectorGraphics</a></p> <p><i>Status: optional</i></p> |

|          |                                                                                                                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | <i>Repeatability: 1</i><br><a href="#">quality</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizePerImageFormat</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
| comments |                                                                                                                                                                                                      |

### 7.6.2.1 rasterOrVectorGraphics

|             |                                                               |
|-------------|---------------------------------------------------------------|
| definition  | Indicates if the image is stored as raster or vector graphics |
| type        | closed controlled vocabulary                                  |
| value space | MS-rasterOrVectorGraphics                                     |
| values      | value    definition<br>raster<br>vector                       |
| examples    |                                                               |
| DCLINK      |                                                               |
| ISocatLINK  |                                                               |

### 7.6.2.2 quality

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| definition  | Specifies the quality level of image resource                                           |
| type        | closed controlled vocabulary                                                            |
| value space | MS-quality                                                                              |
| values      | value    definition<br>veryLow<br>low<br>medium<br>high<br>veryHigh                     |
| examples    | veryLow; low; medium; high; veryHigh                                                    |
| DCLINK      |                                                                                         |
| ISocatLINK  | <a href="http://www.isocat.org/datcat/DC-2574">http://www.isocat.org/datcat/DC-2574</a> |

### 7.6.2.3 sizePerImageFormat

|            |                                                                               |
|------------|-------------------------------------------------------------------------------|
| definition | Used to give info on size of parts of a resource that differ as to the format |
| type       | linked component                                                              |
| component  | <a href="#">sizeInfo</a>                                                      |

## 7.6.3 imageClassificationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the classification of the image corpus                                                                                                                                                                                                                                                                                                                                   |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                      |
| element    | <a href="#">imageGenre</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">subject topic</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">conformanceToClassificationScheme</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">sizePerImageClassification</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
| comments   |                                                                                                                                                                                                                                                                                                                                                                                                |

### 7.6.3.1 imageGenre

|             |                                           |
|-------------|-------------------------------------------|
| definition  | A first indication of the genre of images |
| type        | xs:string                                 |
| value space |                                           |
| values      |                                           |
| examples    | portraits, still images, etc.             |
| DCLINK      |                                           |
| ISOcatLINK  |                                           |

### 7.6.3.2 sizePerImageClassification

|            |                                                                           |
|------------|---------------------------------------------------------------------------|
| definition | Provides information on size of parts with different image classification |
| type       | special status component                                                  |

|           |                          |
|-----------|--------------------------|
| component | <a href="#">sizeInfo</a> |
|-----------|--------------------------|

## 7.7 corpusTextNumericalInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the textNumerical component of a corpus. It is used basically for the textual representation of measurements and observations linked to sensorimotor recordings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value "textNumerical"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">textNumericalContentInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">textNumericalFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">recordingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">captureInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">annotationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">linkToOtherMediaInfo</a></p> <p><i>Status: recommended</i></p> |

|          |                                 |
|----------|---------------------------------|
|          | <i>Repeatability: unbounded</i> |
| comments |                                 |

### 7.7.1 textNumericalContentInfo

|            |                                                                                                           |
|------------|-----------------------------------------------------------------------------------------------------------|
| definition | Groups information on the content of the textNumerical part of the resource                               |
| type       | component                                                                                                 |
| elements   | <a href="#">typeOfTextNumericalContent</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i> |

#### 7.7.1.1 typeOfTextNumericalContent

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| definition  | Specifies the content that is represented in the textNumerical part of the resource |
| type        | xs:string                                                                           |
| value space |                                                                                     |
| values      |                                                                                     |
| examples    | temperature, coordinates etc.                                                       |
| DCLINK      |                                                                                     |
| ISOcatLINK  |                                                                                     |

### 7.7.2 textNumericalFormatInfo

|            |                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the format(s) of the textNumerical part of the resource                                                                                                       |
| type       | component                                                                                                                                                                           |
| elements   | <a href="#">mimeType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">sizePerTextNumericalFormat</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

#### 7.7.2.1 sizePerTextNumericalFormat

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| definition | Gives information on the size of textNumerical resource parts with different format |
|------------|-------------------------------------------------------------------------------------|

|           |                          |
|-----------|--------------------------|
| type      | linked component         |
| component | <a href="#">sizeInfo</a> |

## 7.8 corpusTextNgramInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information required for n-gram resources; information can be provided both as regards features drawn from the source corpus (e.g. language coverage, size, format, domains etc.) and features pertaining to the n-gram output itself (e.g. range of n-grams, type of item included, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value textNgram</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">ngramInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">textFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">characterEncodingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <a href="#">domainInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">textClassificationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">timeCoverageInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">geographicCoverageInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">creationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i> |
| comment | <p>it should be clear that this is intended to describe the n-gram corpus and not the source corpus, i.e. annotation and creation components must include information on the procedure, methods and tools used to create and enrich the n-gram corpus itself rather than the annotation and creation of the source corpus; the source corpus can be described as a separate resource and the element "originalSource" (in the creationInfo component) can be used to provide the appropriate link</p>           |

### 7.8.1 ngramInfo

|            |                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information specific to n-gram resources (e.g. range of n-grams, base item etc.)                                                                                                                                             |
| type       | component                                                                                                                                                                                                                           |
| elements   | <a href="#">baseItem</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">order</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">perplexity</a><br><i>Status: recommended</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                        |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: 1</i><br><a href="#">isFactored</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">factors</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">smoothing</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">interpolated</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7.8.1.1 baseItem

| definition  | Type of item that is represented in the n-gram resource                                                                                                                                                                                     |       |            |      |  |          |  |        |  |         |  |       |  |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------|--|----------|--|--------|--|---------|--|-------|--|
| type        | open controlled vocabulary                                                                                                                                                                                                                  |       |            |      |  |          |  |        |  |         |  |       |  |
| value space | MS-baseItem                                                                                                                                                                                                                                 |       |            |      |  |          |  |        |  |         |  |       |  |
| values      | <table> <tr> <th>value</th><th>definition</th></tr> <tr> <td>word</td><td></td></tr> <tr> <td>syllable</td><td></td></tr> <tr> <td>letter</td><td></td></tr> <tr> <td>phoneme</td><td></td></tr> <tr> <td>other</td><td></td></tr> </table> | value | definition | word |  | syllable |  | letter |  | phoneme |  | other |  |
| value       | definition                                                                                                                                                                                                                                  |       |            |      |  |          |  |        |  |         |  |       |  |
| word        |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| syllable    |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| letter      |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| phoneme     |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| other       |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| examples    |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| DCLINK      |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| ISOcatalINK |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |
| comments    |                                                                                                                                                                                                                                             |       |            |      |  |          |  |        |  |         |  |       |  |

#### 7.8.1.2 order

|             |                                             |
|-------------|---------------------------------------------|
| definition  | The maximum number of items in the sequence |
| type        | xs:int                                      |
| value space |                                             |
| values      |                                             |
| examples    |                                             |

|            |  |
|------------|--|
| DCLINK     |  |
| ISocatLINK |  |
| comments   |  |

### 7.8.1.3 perplexity

|             |                                                             |
|-------------|-------------------------------------------------------------|
| definition  | Derived from running on test set taken from the same corpus |
| type        | xs:double                                                   |
| value space |                                                             |
| values      |                                                             |
| examples    |                                                             |
| DCLINK      |                                                             |
| ISocatLINK  |                                                             |
| comments    |                                                             |

### 7.8.1.4 isFactored

|             |                                                |
|-------------|------------------------------------------------|
| definition  | Specifies whether the model is factored or not |
| type        | xs:boolean                                     |
| value space |                                                |
| values      |                                                |
| examples    |                                                |
| DCLINK      |                                                |
| ISocatLINK  |                                                |
| comments    |                                                |

### 7.8.1.5 factors

|             |                                                              |
|-------------|--------------------------------------------------------------|
| definition  | The list of factors that have been used for the n-gram model |
| type        | xs:string                                                    |
| value space |                                                              |
| values      |                                                              |
| examples    | POS tags in Penn Treebank: NN, DT, JJ                        |
| DCLINK      |                                                              |
| ISocatLINK  |                                                              |
| comments    | These can be POS tags, NER tags, etc.                        |

### 7.8.1.6 smoothing

|             |                                                             |
|-------------|-------------------------------------------------------------|
| definition  | The technique used for giving unseen items some probability |
| type        | xs:string                                                   |
| value space |                                                             |
| values      |                                                             |
| examples    | Knesser-Ney, Good-Turing, ...                               |
| DCLINK      |                                                             |
| ISocatLINK  |                                                             |
| comments    |                                                             |

### 7.8.1.7 interpolated

|             |                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Interpolated language models are constructed by 2 or more corpora. Each corpus is represented in the model according to a predefined weight. |
| type        | xs:string                                                                                                                                    |
| value space |                                                                                                                                              |
| values      |                                                                                                                                              |
| examples    |                                                                                                                                              |
| DCLINK      |                                                                                                                                              |
| ISocatLINK  |                                                                                                                                              |
| comments    |                                                                                                                                              |

## 8 Tools/Services

### 8.1 resourceInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Extension of Resource for Tools and Services                                                                                                                                                                                                                                                                                                                                                                                                                         |
| elements   | <p>resourceInfo – common components</p> <ul style="list-style-type: none"> <li><a href="#">identificationInfo</a></li> <li><a href="#">distributionInfo</a></li> <li><a href="#">contactPerson</a></li> <li><a href="#">metadataInfo</a></li> <li><a href="#">versionInfo</a></li> <li><a href="#">validationInfo</a></li> <li><a href="#">usageInfo</a></li> <li><a href="#">resourceDocumentationInfo</a></li> <li><a href="#">resourceCreationInfo</a></li> </ul> |

|  |                                                                                                          |
|--|----------------------------------------------------------------------------------------------------------|
|  | <a href="#">relationInfo</a><br><a href="#">resourceComponentType</a><br><a href="#">toolServiceInfo</a> |
|--|----------------------------------------------------------------------------------------------------------|

## 8.2 toolServiceInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together elements required for the description of tools and services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| elements   | <a href="#">resourceType</a><br><i>Status: mandatory with value "toolService"</i><br><i>Repeatability: 1</i><br><a href="#">toolServiceType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">toolServiceSubtype</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">languageDependent</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">inputInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">outputInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">toolServiceOperationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">toolServiceEvaluationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">toolServiceCreationInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

### 8.2.1 toolServiceType

|             |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Specifies the type of the tool or service                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| type        | open controlled vocabulary                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| value space | MS-toolServiceType                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| values      | <div>value</div> <div> <div>tool</div> <div>service</div> <div>platform</div> <div>suiteOfTools</div> <div>infrastructure</div> <div>architecture</div> <div>nlpDevelopmentEnvironment</div> <div>other</div> </div> | <div>definition</div> <div>A device that performs one or more of the tasks listed in the ForeseenUseInfo component</div> <div>A form in which NLP tasks are realized and delivered to a user, without the need of acquiring and installing the corresponding tools</div> <div>A technology that eases the development of new tools and services in the NLP field</div> <div>A more or less fixed integrated organisation of tools applied for solving a combination of tasks</div> <div>A technology that supports the flexible development of NLP applications, together with all the requested resources</div> <div>A technology that supports the development of data resources, like lexicons, grammars, corpora, etc. Can be included in an Architecture or in a Platform</div> |
| examples    |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DCLINK      |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ISOcatLINK  |                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### 8.2.2 toolServiceSubtype

|             |                                          |
|-------------|------------------------------------------|
| definition  | Specifies the subtype of tool or service |
| type        | xs:string                                |
| value space |                                          |

|            |                                                  |
|------------|--------------------------------------------------|
| values     |                                                  |
| examples   | parser, tagger, annotator, corpus workbench etc. |
| DCLINK     |                                                  |
| ISOcatLINK |                                                  |

### 8.2.3 languageDependent

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| definition  | Indicates whether the operation of the tool or service is language dependent or not |
| type        | xs:boolean                                                                          |
| value space |                                                                                     |
| values      |                                                                                     |
| examples    |                                                                                     |
| DCLINK      |                                                                                     |
| ISOcatLINK  |                                                                                     |

### 8.2.4 inputInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the requirements set on the input resource of a tool or service                                                                                                                                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">resourceType</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityType</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">languageName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">languageId</a></p> <p><i>Status: optional</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: unbounded</i></p> <p><a href="#">languageVarietyName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">mimeType</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">characterEncoding</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationFormat</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">tagset</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">segmentationLevel</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">conformanceToStandardsBestPractices</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 8.2.4.1 resourceType

|             |                                                                                                                              |
|-------------|------------------------------------------------------------------------------------------------------------------------------|
| definition  | The type of the resource that a tool or service takes as input or produces as output                                         |
| type        | closed controlled vocabulary                                                                                                 |
| value space | MS-resourceType                                                                                                              |
| values      | <div>value</div> <div>definition</div> <div>corpus</div> <div>lexicalConceptualResource</div> <div>languageDescription</div> |
| examples    |                                                                                                                              |

|            |  |
|------------|--|
| DCLINK     |  |
| ISOcatLINK |  |
| comments   |  |

### 8.2.5 outputInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the requirements set on the output of a tool or service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">resourceType</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityType</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">languageName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">languageId</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">languageVarietyName</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">mimeType</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">characterEncoding</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">annotationType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">annotationFormat</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">tagset</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">segmentationLevel</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">conformanceToStandardsBestPractices</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 8.2.6 toolServiceOperationInfo

|            |                                                                                                                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the operation of a tool or service                                                                                                                                                                                                                      |
| type       | component                                                                                                                                                                                                                                                                              |
| elements   | <a href="#">operatingSystem</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">runningEnvironmentInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">runningTime</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

### 8.2.6.1 operatingSystem

|                |                                                                                                                                                                                                                |       |            |                |  |         |  |       |  |      |  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------------|--|---------|--|-------|--|------|--|
| definition     | The operating system on which the tool will be running                                                                                                                                                         |       |            |                |  |         |  |       |  |      |  |
| type           | open controlled vocabulary                                                                                                                                                                                     |       |            |                |  |         |  |       |  |      |  |
| value space    | MS-operatingSystem                                                                                                                                                                                             |       |            |                |  |         |  |       |  |      |  |
| values         | <table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>os-independent</td><td></td></tr> <tr> <td>windows</td><td></td></tr> <tr> <td>linux</td><td></td></tr> <tr> <td>unix</td><td></td></tr> </table> | value | definition | os-independent |  | windows |  | linux |  | unix |  |
| value          | definition                                                                                                                                                                                                     |       |            |                |  |         |  |       |  |      |  |
| os-independent |                                                                                                                                                                                                                |       |            |                |  |         |  |       |  |      |  |
| windows        |                                                                                                                                                                                                                |       |            |                |  |         |  |       |  |      |  |
| linux          |                                                                                                                                                                                                                |       |            |                |  |         |  |       |  |      |  |
| unix           |                                                                                                                                                                                                                |       |            |                |  |         |  |       |  |      |  |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
|            | mac-OS<br>other                                                                         |
| examples   |                                                                                         |
| DCLINK     |                                                                                         |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2572">http://www.isocat.org/datcat/DC-2572</a> |

### 8.2.6.2 runningTime

|             |                                                            |
|-------------|------------------------------------------------------------|
| definition  | Gives information on the running time of a tool or service |
| type        | xs:string                                                  |
| value space |                                                            |
| values      |                                                            |
| examples    |                                                            |
| DCLINK      |                                                            |
| ISocatLINK  |                                                            |
| comment     | recommended format: expressed in seconds                   |

### 8.2.6.3 runningEnvironmentInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the running environment of a tool or a language description                                                                                                                                                                                                                                                                                                                                             |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <p><a href="#">requiredSoftware</a><br/> <i>Status: recommended</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">requiredHardware</a><br/> <i>Status: optional</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">requiredLRs</a><br/> <i>Status: optional</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">runningEnvironmentDetails</a><br/> <i>Status: optional</i><br/> <i>Repeatability: 1</i></p> |

#### 8.2.6.3.1 requiredSoftware

|            |                                                                      |
|------------|----------------------------------------------------------------------|
| definition | Additional software required for running a tool and/or computational |
|------------|----------------------------------------------------------------------|

|            |                                                                                           |
|------------|-------------------------------------------------------------------------------------------|
|            | grammar                                                                                   |
| type       | linked component                                                                          |
| component  | <a href="#">targetResourceInfo</a>                                                        |
| examples   |                                                                                           |
| DCLINK     |                                                                                           |
| ISOcatLINK | ~ <a href="http://www.isocat.org/datcat/DC-2576">http://www.isocat.org/datcat/DC-2576</a> |

#### 8.2.6.3.2requiredHardware

|             |                                                                                                         |
|-------------|---------------------------------------------------------------------------------------------------------|
| definition  | Hardware required for running a tool and/or computational grammar                                       |
| type        | open controlled vocabulary                                                                              |
| value space | MS-requiredHardware                                                                                     |
| values      | Value annotation<br>graphicCard<br>microphone<br>ocrSystem<br>specialHardwareEquipment<br>none<br>other |
| examples    |                                                                                                         |
| DCLINK      |                                                                                                         |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-2576">http://www.isocat.org/datcat/DC-2576</a>               |

#### 8.2.6.3.3requiredLRs

|             |                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------|
| definition  | If for running a tool and/or computational grammar, specific LRs (e.g. a grammar, a list of words etc.) are required |
| type        | linked component                                                                                                     |
| value space | <a href="#">targetResourceInfo</a>                                                                                   |
| examples    |                                                                                                                      |
| DCLINK      |                                                                                                                      |
| ISOcatLINK  |                                                                                                                      |

#### 8.2.6.3.4runningEnvironmentDetails

|             |                                                         |
|-------------|---------------------------------------------------------|
| definition  | Provides further information on the running environment |
| type        | xs:string                                               |
| value space |                                                         |

|            |  |
|------------|--|
| values     |  |
| examples   |  |
| DCLINK     |  |
| ISocatLINK |  |

### 8.2.7 toolServiceEvaluationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the evaluation status of a tool or service                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| elements   | <p><a href="#">evaluated</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">evaluationLevel</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">evaluationType</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">evaluationCriteria</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">evaluationMeasure</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">evaluationReport</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">evaluationTool</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">evaluationDetails</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">evaluator</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |

### 8.2.7.1 evaluated

|             |                                                          |
|-------------|----------------------------------------------------------|
| definition  | Indicates whether the tool or service has been evaluated |
| type        | xs:boolean                                               |
| value space |                                                          |
| values      |                                                          |
| examples    |                                                          |
| DCLINK      |                                                          |
| ISocatLINK  |                                                          |

### 8.2.7.2 evaluationLevel

|             |                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------|
| definition  | Indicates the evaluation level                                                                                           |
| type        | closed controlled vocabulary                                                                                             |
| value space | MS-evaluationLevel                                                                                                       |
| values      | <div>value</div> <div>definition</div> <div>technological</div> <div>usage</div> <div>impact</div> <div>diagnostic</div> |
| examples    |                                                                                                                          |
| DCLINK      |                                                                                                                          |
| ISocatLINK  |                                                                                                                          |

### 8.2.7.3 evaluationType

|             |                                                                               |
|-------------|-------------------------------------------------------------------------------|
| definition  | Indicates the evaluation type                                                 |
| type        | closed controlled vocabulary                                                  |
| value space | MS-evaluationType                                                             |
| values      | <div>value</div> <div>defintion</div> <div>glassBox</div> <div>blackBox</div> |
| examples    |                                                                               |
| DCLINK      |                                                                               |
| ISocatLINK  |                                                                               |

### 8.2.7.4 evaluationCriteria

|            |                                                  |
|------------|--------------------------------------------------|
| definition | Defines the criteria of the evaluation of a tool |
|------------|--------------------------------------------------|

|             |                                                 |
|-------------|-------------------------------------------------|
| type        | closed controlled vocabulary                    |
| value space | MS-evaluationCriteria                           |
| values      | value      definition<br>extrinsic<br>intrinsic |
| examples    |                                                 |
| DCLINK      |                                                 |
| ISocatLINK  |                                                 |

### 8.2.7.5 evaluationMeasure

|             |                                                              |
|-------------|--------------------------------------------------------------|
| definition  | Defines whether the evaluation measure is human or automatic |
| type        | closed controlled vocabulary                                 |
| value space | MS-evaluationMeasure                                         |
| values      | value      definition<br>human<br>automatic                  |
| examples    |                                                              |
| DCLINK      |                                                              |
| ISocatLINK  |                                                              |

### 8.2.7.6 evaluationReport

|             |                                                                                                                             |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|
| definition  | A bibliographical record of or link to a report describing the evaluation process, tool, method etc. of the tool or service |
| type        | linked component                                                                                                            |
| value space | <a href="#">documentationInfo</a>                                                                                           |
| examples    |                                                                                                                             |
| DCLINK      |                                                                                                                             |
| ISocatLINK  |                                                                                                                             |

### 8.2.7.7 evaluationTool

|             |                                                                                  |
|-------------|----------------------------------------------------------------------------------|
| definition  | The name or id or url of the tool used for the evaluation of the tool or service |
| type        | linked component                                                                 |
| value space | <a href="#">targetResourceInfo</a>                                               |
| examples    |                                                                                  |

|            |  |
|------------|--|
| DCLINK     |  |
| ISOcatLINK |  |

### 8.2.7.8 evaluationDetails

|             |                                                                             |
|-------------|-----------------------------------------------------------------------------|
| definition  | Provides further information on the evaluation process of a tool or service |
| type        | xs:string                                                                   |
| value space |                                                                             |
| values      |                                                                             |
| examples    |                                                                             |
| DCLINK      |                                                                             |
| ISOcatLINK  |                                                                             |

### 8.2.7.9 evaluator

|            |                                                                                 |
|------------|---------------------------------------------------------------------------------|
| definition | Groups information on person or organization that evaluated the tool or service |
| type       | linked component                                                                |
| component  | <a href="#">actorInfo</a>                                                       |

### 8.2.8 toolServiceCreationInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the creation of a tool or service                                                                                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                      |
| elements   | <p><a href="#">implementationLanguage</a><br/> <i>Status: recommended</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">formalism</a><br/> <i>Status: optional</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">originalSource</a><br/> <i>Status: optional</i><br/> <i>Repeatability: unbounded</i></p> <p><a href="#">creationDetails</a><br/> <i>Status: optional</i><br/> <i>Repeatability: 1</i></p> |

### 8.2.8.1 implementationLanguage

|             |                                                                                                                                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------|
| definition  | The programming languages needed for allowing user contributions, or for running the tools, in case no executables are available |
| type        | xs:string                                                                                                                        |
| value space |                                                                                                                                  |
| values      |                                                                                                                                  |
| examples    |                                                                                                                                  |
| DCLINK      |                                                                                                                                  |
| ISocatLINK  |                                                                                                                                  |

### 8.2.8.2 formalism

|             |                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Reference (name, bibliographic reference or link to url) for the formalism used for the creation/enrichment of the resource (grammar or tool/service) |
| type        | ms:myStringURI                                                                                                                                        |
| value space |                                                                                                                                                       |
| values      |                                                                                                                                                       |
| examples    | FUG; LBNF; ATN; GATE                                                                                                                                  |
| DCLINK      |                                                                                                                                                       |
| ISocatLINK  |                                                                                                                                                       |

### 8.2.8.3 creationDetails

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| definition  | Provides additional information on the creation of a tool or service |
| type        | xs:string                                                            |
| value space |                                                                      |
| values      |                                                                      |
| examples    |                                                                      |
| DCLINK      |                                                                      |
| ISocatLINK  |                                                                      |

## 9 Language Descriptions

### 9.1 resourceInfo

|            |                                                                                                             |
|------------|-------------------------------------------------------------------------------------------------------------|
| definition | The profile for Language Descriptions (e.g. grammars), i.e. the resourceInfo component as intended for them |
|------------|-------------------------------------------------------------------------------------------------------------|

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| elements | <p>resourceInfo – common components</p> <p><a href="#">identificationInfo</a></p> <p><a href="#">contactPerson</a></p> <p><a href="#">versionInfo</a></p> <p><a href="#">distributionInfo</a></p> <p><a href="#">validationInfo</a></p> <p><a href="#">resourceCreationInfo</a></p> <p><a href="#">usageInfo</a></p> <p><a href="#">metadataInfo</a></p> <p><a href="#">resourceDocumentationInfo</a></p> <p><a href="#">relationInfo</a></p> <p><a href="#">resourceComponentType</a></p> <p><a href="#">languageDescriptionInfo</a></p> |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 9.2 languageDescriptionInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on language descriptions (grammars)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| elements   | <p><a href="#">resourceType</a></p> <p><i>Status: Mandatory with value "languageDescription"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageDescriptionType</a></p> <p><i>Status: Mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageDescriptionEncodingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageDescriptionOperationInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageDescriptionPerformanceInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageDescriptionMediaType</a></p> |

|  |                                                     |
|--|-----------------------------------------------------|
|  | <i>Status: mandatory</i><br><i>Repeatability: 1</i> |
|--|-----------------------------------------------------|

### 9.2.1 languageDescriptionType

|             |                                                                                                                            |                                                                                                                                                 |                                                                                         |
|-------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| definition  | The type of the language description                                                                                       |                                                                                                                                                 |                                                                                         |
| type        | open controlled vocabulary                                                                                                 |                                                                                                                                                 |                                                                                         |
| value space | MS-languageDescriptionType                                                                                                 |                                                                                                                                                 |                                                                                         |
| values      | value                                                                                                                      | definition                                                                                                                                      | ISOcatLINK                                                                              |
|             | grammar                                                                                                                    | Value for languageDescriptionType; to be used for resources describing the morphological, syntactic etc. system (or part thereof) of a language | <a href="http://www.isocat.org/datcat/DC-4363">http://www.isocat.org/datcat/DC-4363</a> |
|             | other                                                                                                                      |                                                                                                                                                 |                                                                                         |
| examples    |                                                                                                                            |                                                                                                                                                 |                                                                                         |
| DCLINK      |                                                                                                                            |                                                                                                                                                 |                                                                                         |
| ISOcatLINK  | ~ <a href="http://www.isocat.org/datcat/DC-3806">http://www.isocat.org/datcat/DC-3806</a> (ISOcat concept is more general) |                                                                                                                                                 |                                                                                         |

### 9.2.2 languageDescriptionEncodingInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                 |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the contents of the LanguageDescriptions                                                                                                                                                                                                                                                                                                         |
| type       | component                                                                                                                                                                                                                                                                                                                                                                       |
| elements   | <a href="#">encodingLevel</a><br><i>Status: mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">conformanceToStandardsBestPractices</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">theoreticModel</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">formalism</a><br><i>Status: optional</i> |

|  |                                                                                                                                                                                                                                                                                                                            |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: 1</i><br><a href="#">task</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">grammaticalPhenomenaCoverage</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">weightedGrammar</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 9.2.2.1 encodingLevel

|             |                                                                                                       |            |                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------|
| definition  | Information on the linguistic levels covered by the resource (grammar or lexical/conceptual resource) |            |                                                                                         |
| type        | open controlled vocabulary                                                                            |            |                                                                                         |
| value space | MS-encodingLevel                                                                                      |            |                                                                                         |
| values      | value                                                                                                 | definition | ISOcatLINK                                                                              |
|             | phonetics                                                                                             |            |                                                                                         |
|             | phonology                                                                                             |            |                                                                                         |
|             | semantics                                                                                             |            |                                                                                         |
|             | morphology                                                                                            |            |                                                                                         |
|             | syntax                                                                                                |            | <a href="http://www.isocat.org/datcat/DC-2647">http://www.isocat.org/datcat/DC-2647</a> |
|             | pragmatics                                                                                            |            | <a href="http://www.isocat.org/datcat/DC-2643">http://www.isocat.org/datcat/DC-2643</a> |
|             | other                                                                                                 |            |                                                                                         |
| examples    |                                                                                                       |            |                                                                                         |
| DCLINK      |                                                                                                       |            |                                                                                         |
| ISOcatLINK  |                                                                                                       |            |                                                                                         |

### 9.2.2.2 task

|             |                                                    |                                                           |  |
|-------------|----------------------------------------------------|-----------------------------------------------------------|--|
| definition  | An indication of the task performed by the grammar |                                                           |  |
| type        | open controlled vocabulary                         |                                                           |  |
| value space | MS-task                                            |                                                           |  |
| values      | value                                              | definition                                                |  |
|             | anaphoraResolution                                 | Value for task; for grammars used for anaphora resolution |  |

|            |                                                                                                          |                                                                            |
|------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|            | chunking                                                                                                 | Value for task; for grammars used for chunking (shallow syntactic parsing) |
|            | parsing                                                                                                  | Value for task; for grammars used for parsing                              |
|            | npRecognition                                                                                            | Value for task; for grammars used for identifying noun phrases             |
|            | titlesParsing                                                                                            | Value for task; for grammars that are restricted to parsing titles         |
|            | definitionsParsing                                                                                       | Value for task; for grammars that are restricted to parsing definitions    |
|            | analysis                                                                                                 | Value for task; for grammars used for analysis tasks                       |
|            | generation                                                                                               | Value for task; for grammars used for language generation                  |
|            | other                                                                                                    |                                                                            |
| examples   |                                                                                                          |                                                                            |
| DCLINK     |                                                                                                          |                                                                            |
| ISOcatLINK | ~ <a href="http://www.isocat.org/datcat/DC-2500">http://www.isocat.org/datcat/DC-2500</a> (more general) |                                                                            |

### 9.2.2.3 grammaticalPhenomenaCoverage

|             |                                                                   |                                                                                                                      |
|-------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| definition  | An indication of the grammatical phenomena covered by the grammar |                                                                                                                      |
| type        | open controlled vocabulary                                        |                                                                                                                      |
| value space | MS-grammaticalPhenomenaCoverage                                   |                                                                                                                      |
| values      | Value                                                             | definition                                                                                                           |
|             | clauseStructure                                                   | Value for grammaticalPheonomenaCoverage; for grammars that can recognise the structure of clauses                    |
|             | ppAttachment                                                      | Value for grammaticalPheonomenaCoverage; for grammars that cover pp-attachment (attachment of prepositional phrases) |
|             | npStructure                                                       | value for grammaticalPheonomenaCoverage; for grammars that cover structure of noun phrases                           |
|             | coordination                                                      | value for grammaticalPheonomenaCoverage; for grammars that cover coordination                                        |
|             | anaphora                                                          | value for grammaticalPheonomenaCoverage; for grammars that cover anaphora problems                                   |
|             | other                                                             |                                                                                                                      |
| examples    |                                                                   |                                                                                                                      |
| DCLINK      |                                                                   |                                                                                                                      |

|            |  |
|------------|--|
| ISOcatLINK |  |
|------------|--|

#### 9.2.2.4 weightedGrammar

|             |                                                                                |
|-------------|--------------------------------------------------------------------------------|
| definition  | Indicates whether the grammar contains numerical weights (incl. probabilities) |
| type        | xs:boolean                                                                     |
| value space |                                                                                |
| values      |                                                                                |
| examples    |                                                                                |
| DCLINK      |                                                                                |
| ISOcatLINK  |                                                                                |

#### 9.2.3 languageDescriptionOperationInfo

|            |                                                                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the operation requirements of the LanguageDescriptions                                                                                                          |
| type       | component                                                                                                                                                                                      |
| elements   | <a href="#">runningEnvironmentInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">relatedLexiconInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i> |

##### 9.2.3.1 relatedLexiconInfo

|            |                                                                                                                                                                                                                                     |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on requirements for lexica set by the LanguageDescriptions                                                                                                                                              |
| type       | component                                                                                                                                                                                                                           |
| elements   | <a href="#">relatedLexiconType</a><br><i>Status: mandatory</i><br><i>Repeatability: 1</i><br><a href="#">attachedLexiconPosition</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">compatibleLexiconType</a> |

|  |                                                            |
|--|------------------------------------------------------------|
|  | <i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|------------------------------------------------------------|

### 9.2.3.1.1 relatedLexiconType

|             |                                                                                |                                                                                                                                                                                                       |
|-------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Indicates the position of the lexica that must or can be used with the grammar |                                                                                                                                                                                                       |
| type        | closed controlled vocabulary                                                   |                                                                                                                                                                                                       |
| value space | MS-relatedLexicon                                                              |                                                                                                                                                                                                       |
| values      | Value                                                                          | definition                                                                                                                                                                                            |
|             | included                                                                       | For lexica that are included in the grammar file                                                                                                                                                      |
|             | attached                                                                       | For lexica attached to a resource (e.g. as a different file in the same directory, or downloadable from another position); the element attachedLexiconPosition should be used for further information |
|             | compatible                                                                     | For grammars that can use any lexicon as long as they are of a compatible type; the element compatibleLexiconType must be used for further specification                                              |
|             | none                                                                           |                                                                                                                                                                                                       |
| examples    |                                                                                |                                                                                                                                                                                                       |
| DCLINK      |                                                                                |                                                                                                                                                                                                       |
| ISOcatLINK  |                                                                                |                                                                                                                                                                                                       |

### 9.2.3.1.2 attachedLexiconPosition

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| definition  | Indicates the position of the lexicon, if attached to the grammar |
| type        | ms:myStringURI                                                    |
| value space |                                                                   |
| values      |                                                                   |
| examples    |                                                                   |
| DCLINK      |                                                                   |
| ISOcatLINK  |                                                                   |

### 9.2.3.1.3 compatibleLexiconType

|             |                                                              |            |
|-------------|--------------------------------------------------------------|------------|
| definition  | Type of (external) lexicon that can be used with the grammar |            |
| type        | open controlled vocabulary                                   |            |
| value space | MS-compatibleLexiconType                                     |            |
| value       | value                                                        | definition |

|            |                      |                                                                                                                              |
|------------|----------------------|------------------------------------------------------------------------------------------------------------------------------|
|            | wordnet              | Value for compatibleLexiconType; to be used for grammars that are compatible with wordnets                                   |
|            | wordlist             | Value for compatibleLexiconType; to be used for grammars that need wordlists for their operation                             |
|            | morphologicalLexicon | Value for compatibleLexiconType; to be used for grammars that need lexica with morphological information for their operation |
|            | other                |                                                                                                                              |
| examples   |                      |                                                                                                                              |
| DCLINK     |                      |                                                                                                                              |
| ISocatLINK |                      |                                                                                                                              |

## 9.2.4 languageDescriptionPerformanceInfo

|            |                                                                                                                                                                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information on the performance of the LanguageDescriptions                                                                                                                                                                                     |
| type       | component                                                                                                                                                                                                                                                      |
| elements   | <a href="#">robustness</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">shallowness</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">output</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i> |

### 9.2.4.1 robustness

|             |                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Free text statement on the robustness of the grammar (how well the grammar can cope with misspelt/unknown etc. input, i.e. whether it can produce even partial interpretations of the input) |
| type        | xs:string                                                                                                                                                                                    |
| value space |                                                                                                                                                                                              |
| values      |                                                                                                                                                                                              |
| examples    |                                                                                                                                                                                              |
| DCLINK      |                                                                                                                                                                                              |
| ISocatLINK  |                                                                                                                                                                                              |

#### 9.2.4.2 shallowness

|             |                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------|
| definition  | Free text statement on the shallowness of the grammar (how deep the syntactic analysis performed by the grammar can be) |
| type        | xs:string                                                                                                               |
| value space |                                                                                                                         |
| values      |                                                                                                                         |
| examples    |                                                                                                                         |
| DCLINK      |                                                                                                                         |
| ISocatLINK  |                                                                                                                         |

#### 9.2.4.3 output

|             |                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | Indicates whether the output of the operation of the grammar is a statement of grammaticality (grammatical/ungrammatical) or structures (interpretation of the input) |
| type        | xs:string                                                                                                                                                             |
| value space |                                                                                                                                                                       |
| values      |                                                                                                                                                                       |
| examples    | grammaticality statement; tree structures; chunks                                                                                                                     |
| DCLINK      |                                                                                                                                                                       |
| ISocatLINK  |                                                                                                                                                                       |

#### 9.2.5 languageDescriptionResourceMediaType

|            |                                                                                                                                                                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the media type-specific components for language descriptions                                                                                                                                                                                                    |
| type       | component                                                                                                                                                                                                                                                                             |
| elements   | <a href="#">languageDescriptionTextInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">languageDescriptionVideoInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">languageDescriptionImageInfo</a><br><i>Status: optional</i> |

|  |                         |
|--|-------------------------|
|  | <i>Repeatability: 1</i> |
|--|-------------------------|

### 9.2.5.1 languageDescriptionTextInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together all information relevant to the text module of a language description (e.g. format, languages, size etc.); it is obligatory for all language descriptions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory, with value "text"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">textFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">characterEncodingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">domainInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: recommended</i></p> |

|  |                                                                                                                                                                                                                                |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Repeatability: unbounded</i><br><a href="#">creationInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">linkToOtherMediaInfo</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 9.2.5.2 languageDescriptionVideoInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together all information relevant to the video parts of a language description (e.g. format, languages, size etc.), if there are any (e.g. for sign language grammars)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| elements   | <a href="#">mediaType</a><br><i>Status: mandatory, with value "video"</i><br><i>Repeatability: 1</i><br><a href="#">lingualityInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">languageInfo</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">modalityInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">sizeInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">videoContentInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">videoFormatInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">domainInfo</a><br><i>Status: recommended</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">linkToOtherMediaInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 9.2.5.3 languageDescriptionImageInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together all information relevant to the image module of a language description (e.g. format, languages, size etc.), if there are any (e.g. for sign language grammars)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: mandatory with value “image”</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">imageContentInfo</a></p> <p><i>Status: recommended</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: 1</i></p> <p><a href="#"><u>imageFormatInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>domainInfo</u></a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>timeCoverageInfo</u></a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>geographicCoverageInfo</u></a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#"><u>creationInfo</u></a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#"><u>linkToOtherMediaInfo</u></a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 10 Lexical/conceptual resources

### 10.1 resourceInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Extension of resourceInfo for lexical/conceptual resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <p>resourceInfo – common components</p> <p><a href="#"><u>identificationInfo</u></a></p> <p><a href="#"><u>distributionInfo</u></a></p> <p><a href="#"><u>contactPerson</u></a></p> <p><a href="#"><u>metadataInfo</u></a></p> <p><a href="#"><u>versionInfo</u></a></p> <p><a href="#"><u>validationInfo</u></a></p> <p><a href="#"><u>usageInfo</u></a></p> <p><a href="#"><u>resourceDocumentationInfo</u></a></p> <p><a href="#"><u>resourceCreationInfo</u></a></p> <p><a href="#"><u>relationInfo</u></a></p> <p><a href="#"><u>resourceComponentType</u></a></p> |

|  |                                               |
|--|-----------------------------------------------|
|  | <a href="#">lexicalConceptualResourceInfo</a> |
|--|-----------------------------------------------|

## 10.2 lexicalConceptualResourceInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups together information specific to lexical/conceptual resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| elements   | <p><a href="#">resourceType</a></p> <p><i>Status: mandatory with value "lexicalConceptualResource"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lexicalConceptualResourceType</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lexicalConceptualResourceEncodingInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">creationInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lexicalConceptualResourceMediaType</a></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> |

### 10.2.1 lexicalConceptualResourceType

| definition                | Specifies the subtype of lexicalConceptualResource                                                                                                                                                                                                                                                                                                                                                                                         |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|----------|--|----------------------|--|----------|--|---------|--|-----------|--|----------|--|------------------------|--|---------------------------|--|---------|--|
| type                      | open controlled vocabulary                                                                                                                                                                                                                                                                                                                                                                                                                 |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| value space               | MS-lexicalConceptualResourceType                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| values                    | <table> <tr> <th>value</th><th>definition</th></tr> <tr><td>wordList</td><td></td></tr> <tr><td>computationalLexicon</td><td></td></tr> <tr><td>ontology</td><td></td></tr> <tr><td>wordnet</td><td></td></tr> <tr><td>thesaurus</td><td></td></tr> <tr><td>framenet</td><td></td></tr> <tr><td>terminologicalResource</td><td></td></tr> <tr><td>machineReadableDictionary</td><td></td></tr> <tr><td>lexicon</td><td></td></tr> </table> | value | definition | wordList |  | computationalLexicon |  | ontology |  | wordnet |  | thesaurus |  | framenet |  | terminologicalResource |  | machineReadableDictionary |  | lexicon |  |
| value                     | definition                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| wordList                  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| computationalLexicon      |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| ontology                  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| wordnet                   |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| thesaurus                 |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| framenet                  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| terminologicalResource    |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| machineReadableDictionary |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |
| lexicon                   |                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |            |          |  |                      |  |          |  |         |  |           |  |          |  |                        |  |                           |  |         |  |

|            |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
|            | other                                                                                   |
| examples   |                                                                                         |
| DCLINK     |                                                                                         |
| ISocatLINK | <a href="http://www.isocat.org/datcat/DC-2487">http://www.isocat.org/datcat/DC-2487</a> |

### 10.2.2 lexicalConceptualResourceEncodingInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups all information regarding the contents of lexical/conceptual resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| elements   | <p><a href="#">encodingLevel</a></p> <p><i>Status: Mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">linguisticInformation</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">conformanceToStandardsBestPractices</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">theoreticModel</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">externalRef</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">extratextualInformation</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">extratextualInformationUnit</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> |

#### 10.2.2.1 encodingLevel

|             |                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------|
| definition  | Information on the contents of the lexicalConceptualResource as regards the linguistic level of analysis |
| type        | open controlled vocabulary                                                                               |
| value space | MS-encodingLevel                                                                                         |

|            |                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------|
| values     | value definition<br>phonetics<br>phonology<br>semantics<br>morphology<br>syntax<br>pragmatics<br>other |
| examples   |                                                                                                        |
| DCLINK     |                                                                                                        |
| ISocatLINK |                                                                                                        |

#### 10.2.2.2 linguisticInformation

|             |                                                                                                 |  |
|-------------|-------------------------------------------------------------------------------------------------|--|
| definition  | A more detailed account of the linguistic information contained in thelexicalConceptualResource |  |
| type        | open controlled vocabulary                                                                      |  |
| value space | MS-linguisticInformation                                                                        |  |
| values      | value definition                                                                                |  |
|             | accentuation                                                                                    |  |
|             | lemma                                                                                           |  |
|             | lemma-MultiWordUnits                                                                            |  |
|             | lemma-Variants                                                                                  |  |
|             | lemma-Abbreviations                                                                             |  |
|             | lemma-Compounds                                                                                 |  |
|             | lemma-CliticForms                                                                               |  |
|             | partOfSpeech                                                                                    |  |
|             | morpho-Case                                                                                     |  |
|             | morpho-Gender                                                                                   |  |
|             | morpho-Number                                                                                   |  |
|             | morpho-Degree                                                                                   |  |
|             | morpho-IrregularForms                                                                           |  |
|             | morpho-Mood                                                                                     |  |
|             | morpho-Tense                                                                                    |  |
|             | morpho-Person                                                                                   |  |
|             | morpho-Aspect                                                                                   |  |
|             | morpho-Voice                                                                                    |  |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | morpho-Auxiliary<br>morpho-Inflection<br>morpho-Reflexivity<br>syntax-SubcatFrame<br>semantics-Traits<br>semantics-SemanticClass<br>semantics-CrossReferences<br>semantics-Relations<br>semantics-Relations-Hyponyms<br>semantics-Relations-Hyperonyms<br>semantics-Relations-Synonyms<br>semantics-Relations-Antonyms<br>semantics-Relations-Troponyms<br>semantics-Relations-Meronyms<br>usage-Frequency<br>usage-Register<br>usage-Collocations<br>usage-Examples<br>usage-Notes<br>definition/gloss<br>translationEquivalent<br>phonetics-Transcription<br>semantics-Domain<br>semantics-EventType<br>semantics-SemanticRoles<br>statisticalType<br>morpho-Derivation<br>semantics-QualiaStructure<br>syntacticoSemanticLinks<br>other |
| examples   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DCLINK     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ISocatLINK |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 10.2.2.3 externalRef

|            |                                                                              |
|------------|------------------------------------------------------------------------------|
| definition | Another resource to which the lexicalConceptualResource is linked (e.g. link |
|------------|------------------------------------------------------------------------------|

|             |                           |
|-------------|---------------------------|
|             | to a wordnet or ontology) |
| type        | xs:string                 |
| value space |                           |
| values      |                           |
| examples    |                           |
| DCLINK      |                           |
| ISOcatLINK  |                           |

#### 10.2.2.4 extratextualInformation

|             |                                                                                                                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition  | An indication of the extratextual information contained in the lexicalConceptualResource; can be used as an alternative to audio, image, videos etc. for cases where these are not considered an important part of the lcr |
| type        | open controlled vocabulary                                                                                                                                                                                                 |
| value space | MS-extratextualInformation                                                                                                                                                                                                 |
| values      | <div>value</div> <div>definition</div> <div>images</div> <div>videos</div> <div>soundRecordings</div> <div>other</div>                                                                                                     |
| examples    |                                                                                                                                                                                                                            |
| DCLINK      |                                                                                                                                                                                                                            |
| ISOcatLINK  |                                                                                                                                                                                                                            |

#### 10.2.2.5 extratextualInformationUnit

|             |                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------|
| definition  | The unit of the extratextual information contained in the lexical conceptual resource                                             |
| type        | open controlled vocabulary                                                                                                        |
| value space | MS-extratextualInformation                                                                                                        |
| values      | <div>value</div> <div>definition</div> <div>word</div> <div>lemma</div> <div>semantics</div> <div>example</div> <div>syntax</div> |

|            |                                      |
|------------|--------------------------------------|
|            | lexicalUnit<br><a href="#">other</a> |
| examples   |                                      |
| DCLINK     |                                      |
| ISOcatLINK |                                      |

### 10.2.3 lexicalConceptualResourceMediaType

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Restriction of mediaType for lexicalConceptualResources                                                                                                                                                                                                                                                                                                                                                                                        |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| elements   | <a href="#">lexicalConceptualResourceTextInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">lexicalConceptualResourceAudioInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">lexicalConceptualResourceVideoInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">lexicalConceptualResourceImageInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i> |

#### 10.2.3.1 lexicalConceptualResourceTextInfo

|            |                                                                                                                                                                                                                                                                                                                            |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the textual part of the lexical/conceptual resource                                                                                                                                                                                                                                                  |
| type       | component                                                                                                                                                                                                                                                                                                                  |
| elements   | <a href="#">mediaType</a><br><i>Status: Mandatory with value "text"</i><br><i>Repeatability: 1</i><br><a href="#">lingualityInfo</a><br><i>Status: Mandatory</i><br><i>Repeatability: 1</i><br><a href="#">languageInfo</a><br><i>Status: Mandatory</i><br><i>Repeatability: unbounded</i><br><a href="#">modalityInfo</a> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: Mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">textFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">characterEncodingInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">domainInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 10.2.3.2 lexicalConceptualResourceAudioInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the audio part of the lexical/conceptual resource                                                                                                                                                                                                                                                                                                                                                               |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                             |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: Mandatory with value "audio"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <a href="#">sizeInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">audioContentInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">audioFormatInfo</a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#">domainInfo</a><br><i>Status: Optional</i><br><i>Repeatability: unbounded</i><br><a href="#">timeCoverageInfo</a><br><i>Status: Optional</i><br><i>Repeatability: unbounded</i><br><a href="#">geographicCoverageInfo</a><br><i>Status: Optional</i><br><i>Repeatability: unbounded</i> |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 10.2.3.3 lexicalConceptualResourceVideoInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the video part of the lexical conceptual resource                                                                                                                                                                                                                                                                                                                                                                      |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| elements   | <a href="#">mediaType</a><br><i>Status: Mandatory with value "video"</i><br><i>Repeatability: 1</i><br><a href="#">lingualityInfo</a><br><i>Status: optional</i><br><i>Repeatability: 1</i><br><a href="#">languageInfo</a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#">modalityInfo</a><br><i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#">sizeInfo</a><br><i>Status: recommended</i> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><i>Repeatability: unbounded</i></p> <p><a href="#">videoContentInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">videoFormatInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">domainInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">timeCoverageInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">geographicCoverageInfo</a></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 10.2.3.4 lexicalConceptualResourceImageInfo

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| definition | Groups information on the image part of the lexical/conceptual resource                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| type       | component                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| elements   | <p><a href="#">mediaType</a></p> <p><i>Status: Mandatory with value "image"</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">lingualityInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">languageInfo</a></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">modalityInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><a href="#">sizeInfo</a></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><a href="#">imageContentInfo</a></p> |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <i>Status: recommended</i><br><i>Repeatability: 1</i><br><a href="#"><u>imageFormatInfo</u></a><br><i>Status: recommended</i><br><i>Repeatability: unbounded</i><br><a href="#"><u>domainInfo</u></a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#"><u>timeCoverageInfo</u></a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i><br><a href="#"><u>geographicCoverageInfo</u></a><br><i>Status: optional</i><br><i>Repeatability: unbounded</i> |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## AppendixI- Bibliography

- Broeder, D., T. Declerck, E. Hinrichs, S. Piperidis, L. Romary, N. Calzolari and P. Wittenburg, “Foundation of a Component-based Flexible Registry for Language Resources and Technology”, *Proceedings of the 6th International Conference of Language Resources and Evaluation*, 2008.
- Federmann, C., B. Georgantopoulos, R. delGratta, O. Hamon, B. Magnini, D. Mavroeidis, S. Piperidis, M. Schroeder, M. Speranza, *META-NET Deliverable D7.1.1– META-SHARE Functional and Technical Specification*, [http://t4me.dfki.de/intranet/document\\_repository/deliverables/wp07-infrastructure-functional-and-technical-specification/meta-net-d7.1.1-final.pdf/view](http://t4me.dfki.de/intranet/document_repository/deliverables/wp07-infrastructure-functional-and-technical-specification/meta-net-d7.1.1-final.pdf/view), 2011
- Gavrilidou, M., P. Labropoulou, S. Piperidis, M. Speranza, M. Monachini, V. Arranz, G. Francopoulo, *META-NET Deliverable D7.2.1 – Specification of Metadata-Based Descriptions for Language Resources and Technologies*, [http://t4me.dfki.de/intranet/document\\_repository/deliverables/wp07-infrastructure-functional-and-technical-specification/meta-net-d7.2.1-final.pdf/view](http://t4me.dfki.de/intranet/document_repository/deliverables/wp07-infrastructure-functional-and-technical-specification/meta-net-d7.2.1-final.pdf/view), 2011.
- ISO 12620, *Terminology and other language and content resources – Specification of data categories and management of a Data Category Registry for language resources*. <http://www.isocat.org>, 2009.
- Labropoulou, P, M. Gavrilidou, E. Desipri, S. Piperidis, M. Speranza, M. Monachini, V. Arranz, G. Francopoulo, *META-NET Deliverable D7.2.2– Specification of Metadata-Based Descriptions for Language Resources and Technologies*, 2012.