



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

V3.1



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Date: 29/12/2015

Dissemination Level: Public

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1. Executive Summary

The current report presents the metadata schema developed for META-SHARE, and more specifically the updated version 3.1.

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 LRs providers and LRs 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.

The XML implementation of the model is stored at: http://www.meta-share.org/META-SHARE_XMLSchema.

2. Introduction

The current report documents 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 3.1 thereof; it has been implemented as an XML schema (http://www.meta-share.org/META-SHARE_XMLSchema).

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 LRs, 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 LRs. 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](#)) and the ISO Data Category Registry (ISO DCR, [[ISO 12620, 2009](#)]) are provided¹.

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 LRs (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 LRs, 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

¹ Links are provided to the ISO DCR data categories as of 2012/02/07; given that the ISOcat DCR in its previous form has been abandoned, alternatives will be sought after.

takes into account the views expressed in the user survey (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 group² 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 META-SHARE entities

META-SHARE takes a global view on resources, aiming to provide users not only with a catalogue of LRs (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 model (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 LRs).

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

²The extended metadata group includes the core metadata group consisting of the T4Me-WP7 contributors, metadata contributors from the collaborating PSP projects, experts from the LR community at large and the T4Me-WP8 implementation group (cf. [[Labropoulou et al. 2012](#)] for a list of the involved persons).

(e.g. articles describing the creation and/or use of a resource, documentation manuals, annotation guidelines etc.).

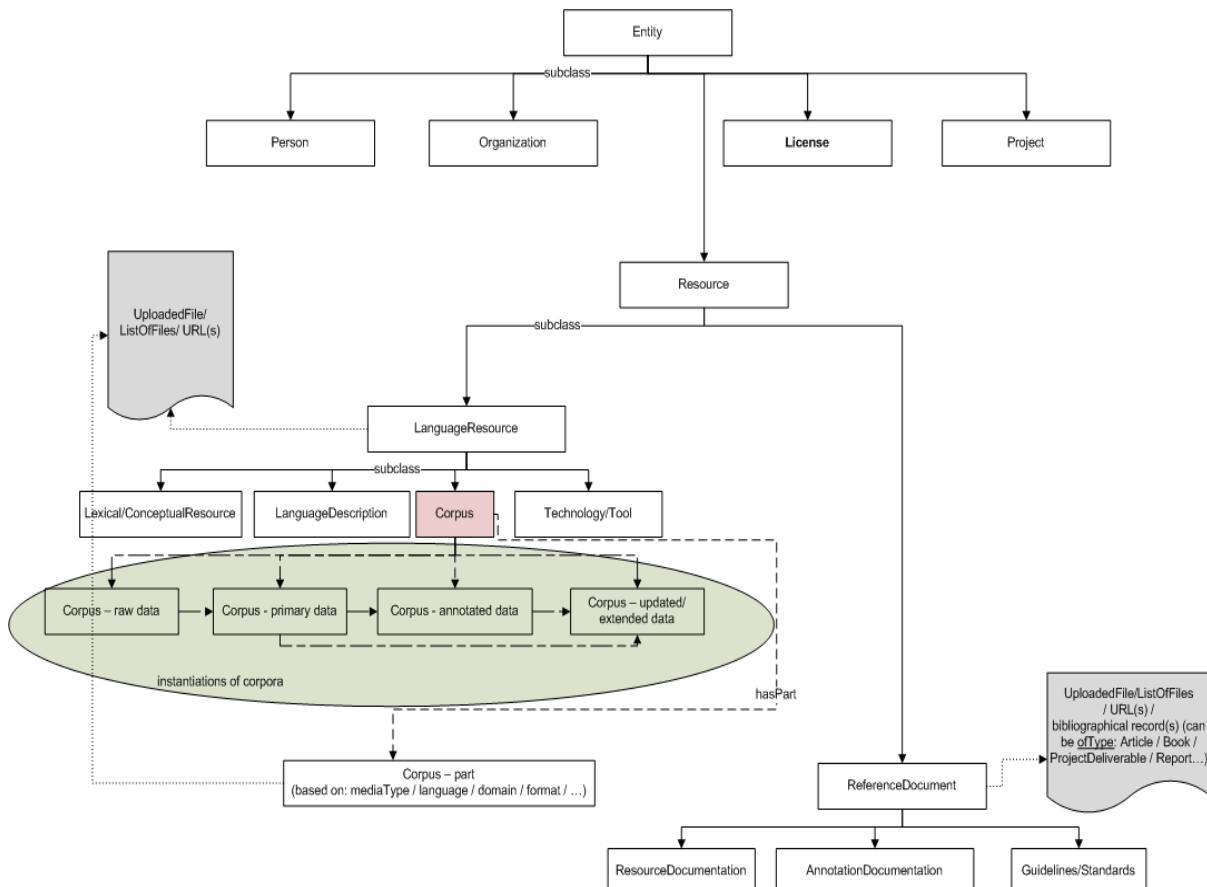


Figure 1: Sample of META-SHARE entities

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*³.

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.

³ 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.

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.

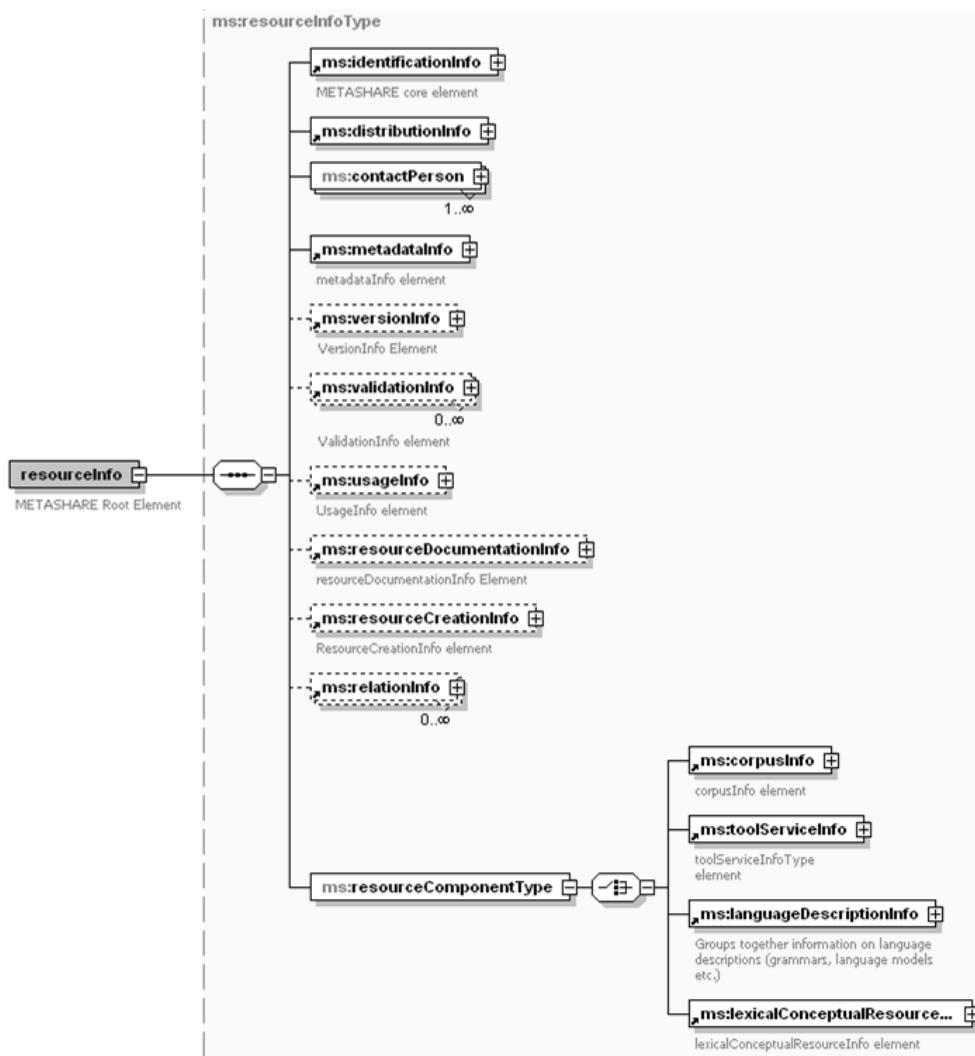


Figure 2: Common components for all LRs and resourceTypeInfo components

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:

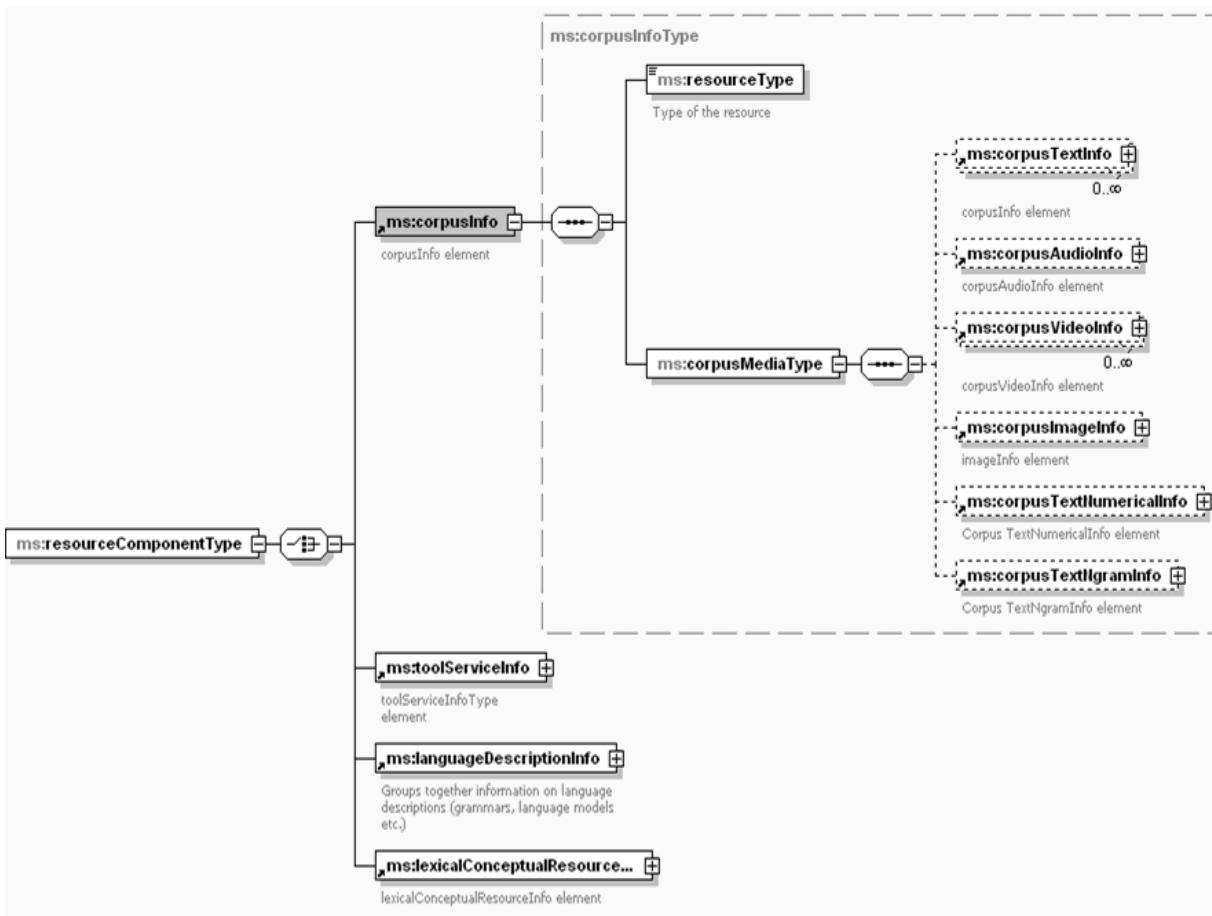


Figure 3: "Content-wise" components for corpora

- *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, licence 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 deliverable 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-dependent⁴, 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
 - *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

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

- *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 togetherwith 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 personsrelated 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	<p><u>surname</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>givenName</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>sex</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>position</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>communicationInfo</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>affiliation</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p>

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	http://www.isocat.org/datcat/DC-4195 ; ~ http://www.isocat.org/datcat/DC-2454 (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	http://www.isocat.org/datcat/DC-4194 ; ~ http://www.isocat.org/datcat/DC-2454 (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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>male</td> <td></td> </tr> <tr> <td>female</td> <td></td> </tr> <tr> <td>unknown</td> <td></td> </tr> </table>	value	definition	male		female		unknown	
value	definition								
male									
female									
unknown									
examples									
DCLINK									
ISOcatLINK	http://www.isocat.org/datcat/DC-2560								

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	organizationInfo

5.2 organizationInfo

definition	Groups information on organizations related to the resource
type	component
elements	<p>organizationName</p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>organizationShortName</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>departmentName</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>communicationInfo</p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><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; Fundazione Bruno Kessler
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2459
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><u>email</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>url</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>address</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>zipCode</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>city</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>region</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>country</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>telephoneNumber</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>faxNumber</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p>

5.3.1 email

definition	The email address of a person or an organization
------------	--

type	ms:emailAddress
value space	
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2521
comment	If it is unknown, please use the unknown@example.com invalid email address

5.3.2 url

definition	A URL used as homepage of an entity (e.g. of a person, organization, resource etc.); it provides general information (for instance in the case of a resource, it may present a description of the resource, its creators and possibly include links to the URL where it can be accessed from)
type	ms:httpURI
value space	
values	
examples	http://www.meta-share.eu ; http://www.ilsp.gr/ ; http://www.natcorp.ox.ac.uk/ ; http://www.coli.uni-saarland.de/~hansu/ ; http://www.meta-net.eu/presentations/pdf/piperidis-et-al-may-2010-meta-share.pdf
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2546

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	http://www.isocat.org/datcat/DC-2505

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	~ http://www.isocat.org/datcat/DC-3814 (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	ISO 3166 , Codes for the representation of names of countries and their subdivisions
values	
examples	
DCLINK	
ISOCatLINK	~http://www.isocat.org/datcat/DC-3792
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	http://www.isocat.org/datcat/DC-2461

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	http://www.isocat.org/datcat/DC-2455

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 personInfo organizationInfo

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	<p>projectName <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p>projectShortName <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p>projectID <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>url <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p>fundingType <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p>fundingCountry <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p>funder <i>Status: recommended</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>projectStartDate</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>projectEndDate</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
--	--

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	http://www.isocat.org/datcat/DC-2537
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	http://www.isocat.org/datcat/DC-2536
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	http://www.isocat.org/datcat/DC-2535

5.5.4 fundingType

definition	Specifies the type of funding of the project										
type	open controlled vocabulary										
value space	MS-fundingType										
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>euFunds</td> <td>Funding coming from EU sources</td> </tr> <tr> <td>nationalFunds</td> <td>Funding coming from national sources</td> </tr> <tr> <td>ownFunds</td> <td>Funding from the resource creators's own sources</td> </tr> <tr> <td>other⁵</td> <td>When none of the above is applicable</td> </tr> </table>	value	definition	euFunds	Funding coming from EU sources	nationalFunds	Funding coming from national sources	ownFunds	Funding from the resource creators's own sources	other ⁵	When none of the above is applicable
value	definition										
euFunds	Funding coming from EU sources										
nationalFunds	Funding coming from national sources										
ownFunds	Funding from the resource creators's own sources										
other ⁵	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	ISO 3166 , Codes for the representation of names of countries and their subdivisions
values	
examples	
DCLINK	

⁵ Implementation pending

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	http://www.isocat.org/datcat/DC-2522
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	<p><u>size</u></p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>sizeUnit</u></p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p>

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	http://www.isocat.org/datcat/DC-2580
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> </table>	value	definition	entries		turns	
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 bigram trigram 4-gram 5-gram n-gram other
examples	
DCLINK	
ISOcatLINK	~ http://www.isocat.org/datcat/DC-2583
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	<p><u>documentType</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>title</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>author</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>editor</u> <i>Status: optional</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>year</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>publisher</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>bookTitle</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>journal</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>volume</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>series</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>pages</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>edition</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>conference</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>doi</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>url</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
--	--

	<p><u>ISSN</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>ISBN</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>keywords</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>documentLanguageName</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>documentLanguageId</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
--	--

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
type	controlled vocabulary
value space	IETF BCP47, Codes for the representation of names of languages (http://tools.ietf.org/html/bcp47)
values	
examples	
DCLINK	
ISOcatLINK	

5.7.19 documentLanguageId

definition	The id of the language the document is written in, as mentioned in IETF BCP47
type	controlled vocabulary
value space	IETF BCP47,Codes for the representation of names of languages (http://tools.ietf.org/html/bcp47)
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 documentUnstructured documentInfo

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	targetResourceNameURI ⁶

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	

⁶ Implementation pending: reference to resource ID until identifier issues are resolved; for the time being, the relatedResourceNameURI can be used also for adding identifiers.

examples	
DCLINK	
ISOcatLINK	

6 resourceInfo – Common components

definition	Groups together all information required for the description of language resources
elements	<p><u>identificationInfo</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>distributionInfo</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>contactPerson</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>metadataInfo</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>versionInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>validationInfo</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>usageInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>resourceDocumentationInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>resourceCreationInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>relationInfo</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p>

6.1 identificationInfo

definition	Groups together information needed to identify the resource
type	component
elements	<p><u>resourceName</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>resourceShortName</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>description</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>url</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>metaShareId</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>ISLRN</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>identifier</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p>

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	http://www.isocat.org/datcat/DC-2545

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; The element could be repeated only if provided in different language.
---------	---

6.1.2 description

definition	Provides the description of the resource in prose
type	ms:myString
value space	
values	
examples	
DCLINK	dc:description
ISOcatLINK	~ http://www.isocat.org/datcat/DC-2520 (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

6.1.3 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	http://www.isocat.org/datcat/DC-2544
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 ISLRN

definition	Reference to the unique ISLRN number of the resource; if the resource has not been assigned an ISLRN yet, you may request for one at: http://www.islrn.org/
type	xs:string
value space	
examples	
DCLINK	dc:identifier
ISOcatLINK	

6.1.6 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 ⁷
type	xs:string
value space	
examples	
DCLINK	dc:identifier
ISOcatLINK	~ http://www.isocat.org/datecat/DC-2573 (refers to pids only)

6.2 distributionInfo

definition	Groups information on the distribution of the resource
type	component

⁷ The attribute "type" is not included in the current XSD's and the editor.

elements	<p><u>availability</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>licenceInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>distributionAccessMedium</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>downloadLocation</u></p> <p><i>Status: condition-dependent mandatory</i></p> <p><i>Condition: distributionAccessMedium="downloadable"</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>executionLocation</u></p> <p><i>Status: condition-dependent mandatory</i></p> <p><i>Condition: distributionAccessMedium="accessibleThroughInterface"</i></p> <p><i>or "webExecutable"</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>fee</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>attributionText</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>licensor</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>distributionRightsHolder</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>iprHolder</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>userNature</u></p>
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	<p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>membershipInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>availabilityEndDate</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>availabilityStartDate</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</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	<p>value</p> <p>available</p> <p>availableThroughOtherDistributor</p> <p>underNegotiation</p>	<p>definition</p> <p>For resources that are available with restrictions of uses imposed by the type of licence</p> <p>For resources that are available through other distribution channels</p> <p>For resources whose availability is still pending</p>
examples		
DCLINK	dc:rights	
ISOcatLINK	~http://www.isocat.org/datecat/DC-245.3 (different values)	

6.2.2 licenceInfo

definition	Groups information on licences for the resource; can be repeated to allow for
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	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><u>licence</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>version</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>nonStandardLicenceName</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>nonStandardLicenceTermsURL</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>nonStandardLicenceTermsText</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>restrictionsOfUse</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p>

6.2.2.1 licence

definition	The licence of use for the resource; if possible, please use one of the recommended standard licences		
type	open controlled vocabulary		
value space	MS-licence		
values	Value	Definition	Link
	CC-BY		http://creativecommons.org/licenses/by/4.0/
	CC-BY-NC		http://creativecommons.org/licenses/by-nc/4.0/
	CC-BY-NC-ND		http://creativecommons.org/licenses/by-nd/4.0/

			by-nc-nd/4.0/ http://creativecommons.org/licenses/by-nc-nd/4.0/
	CC-BY-NC-SA		http://creativecommons.org/licenses/by-nc-sa/4.0/ http://creativecommons.org/licenses/by-nc-sa/4.0/
	CC-BY-ND		http://creativecommons.org/licenses/by-nd/4.0/ http://creativecommons.org/licenses/by-nd/4.0/
	CC-BY-SA		http://creativecommons.org/licenses/by-sa/4.0/ http://creativecommons.org/licenses/by-sa/4.0/
	CC-ZERO		http://creativecommons.org/about/cc0 "CC-ZERO"
PDDL	ODC Domain Dedication and Licence	Public	http://opendatacommons.org/licenses/pddl/1.0/
ODC-BY	ODC License	Attribution	http://opendatacommons.org/licenses/by/1.0/
ODbL	Open License	Database	http://opendatacommons.org/licenses/odbl/1.0/
MS-NoReD	META-SHARE NoRedistribution		http://www.meta-share.org/assets/pdf/MS-NoReD.pdf
MS-NoReD-FF	META-SHARE NoRedistribution For-a-Fee		http://www.meta-share.org/assets/pdf/MS-NoReD-FF.pdf
MS-NoReD-ND	META-SHARE NoRedistribution NoDerivatives		http://www.meta-share.org/assets/pdf/MS-NoReD-ND.pdf
MS-NoReD-ND-FF	META-SHARE NoRedistribution NoDerivatives For-a-fee		http://www.meta-share.org/assets/pdf/MS-NoReD-ND-FF.pdf
MS-NC-NoReD	META-SHARE NonCommercial NoRedistribution		http://www.meta-share.org/assets/pdf/MS-NC-NoReD.pdf
MS-NC-NoReD-FF	META-SHARE NonCommercial NoRedistribution		http://www.meta-share.org/assets/pdf/MS-NC-NoReD-FF.pdf

		For-a-Fee	
MS-NC-NoReD-ND	META-SHARE	NonCommercial NoRedistribution NoDerivatives	http://www.meta-share.org/assets/pdf/MS-NC-NoReD-ND.pdf
MS-NC-NoReD-ND-FF	META-SHARE	NonCommercial NoRedistribution NoDerivatives For-a-fee	http://www.meta-share.org/assets/pdf/MS-NC-NoReD-ND-FF.pdf
CLARIN ACA			https://kitwiki.csc.fi/twiki/bin/view/FinnCLARIN/ClarinEula?ACA=1
CLARIN ACA-NC			https://kitwiki.csc.fi/twiki/bin/view/FinnCLARIN/ClarinEula?ACA=1&NC=1
CLARIN PUB			https://kitwiki.csc.fi/twiki/bin/view/FinnCLARIN/ClarinEula?PUB=1
CLARIN RES			https://kitwiki.csc.fi/twiki/bin/view/FinnCLARIN/ClarinEula?RES=1
ELRA END US ER			http://wizard.elra.info/backOffice/files/39.pdf
ELRA EVALUATION			http://wizard.elra.info/backOffice/files/41.pdf
ELRA VAR			http://wizard.elra.info/backOffice/files/40.pdf
AGPL	GNU AFFERO GENERAL PUBLIC LICENSE		http://www.gnu.org/licenses/agpl-3.0.html
ApacheLicence_2.0			http://www.apache.org/licenses/LICENSE-2.0.html
BSD_4-clause			https://spdx.org/licenses/BSD-4-Clause.html
BSD_3-clause			https://opensource.org/licenses/BSD-3-Clause
FreeBSD			https://opensource.org/licenses/BSD

					2-Clause
	GFDL	GNU	Free	http://www.gnu.org/copyleft/fdl.html	Documentation License
	GPL	GNU	General Public	http://opensource.org/licenses/gpl-versions	License
	LGPL	GNU	General Public License	http://www.gnu.org/licenses/lgpl.html	Public License
	Princeton_Wordnet proprietary underNegotiation nonStandardLicenceTerms				http://wordnet.princeton.edu/wordnet/license/
examples					
DCLINK	dc:rights				
ISOcatLINK	http://www.isocat.org/datcat/DC-2457				

6.2.2.2 version

definition	The version of the licence; the preferred options are "4.0" for all CC-licences and "2.0" for the META-SHARE-NoReD ones										
type	closed controlled vocabulary										
value space	MS-version										
values	<table> <thead> <tr> <th>Value</th> <th>Definition</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>For META-SHARE NoReD licences</td> </tr> <tr> <td>2.0</td> <td>For META-SHARE NoReD licences; preferred value</td> </tr> <tr> <td>3.0</td> <td>For CC licences</td> </tr> <tr> <td>4.0</td> <td>For CC licences; preferred value</td> </tr> </tbody> </table>	Value	Definition	1.0	For META-SHARE NoReD licences	2.0	For META-SHARE NoReD licences; preferred value	3.0	For CC licences	4.0	For CC licences; preferred value
Value	Definition										
1.0	For META-SHARE NoReD licences										
2.0	For META-SHARE NoReD licences; preferred value										
3.0	For CC licences										
4.0	For CC licences; preferred value										
examples											
DCLINK											

ISOcatLINK	
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6.2.2.3 nonStandardLicenceName

definition	The name with which a licence is known; to be used for licences not included in the pre-defined list of recommended licences
type	ms:myString
value space	
values	
examples	
DCLINK	
ISOcatLINK	

6.2.2.4 nonStandardLicenceTermsURL

definition	Used to provide a hyperlink to a url containing the text of a licence not included in the predefined list or describing the terms of use for a language resource or terms of service for web services
type	ms:httpURI
value space	
values	
examples	
DCLINK	
ISOcatLINK	

6.2.2.5 nonStandardLicenceTermsText

definition	Used for inputting the text of licences (that are not included in the pre-defined list) and terms of use or terms of service (for web services)
type	ms:myString
value space	
values	
examples	
DCLINK	

ISOcatLINK	
------------	--

6.2.2.6 restrictionsOfUse

definition	Specifies the restrictions imposed by the type of the licence																								
type	open controlled vocabulary																								
value space	MS-restrictionsOfUse																								
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>informLicensor</td> <td></td> </tr> <tr> <td>redeposit</td> <td></td> </tr> <tr> <td>languageEngineeringResearch</td> <td></td> </tr> <tr> <td>education</td> <td></td> </tr> <tr> <td>compensate</td> <td></td> </tr> <tr> <td>personalDataIncluded</td> <td></td> </tr> <tr> <td>sensitiveDataIncluded</td> <td></td> </tr> <tr> <td>requestPlan</td> <td></td> </tr> <tr> <td>spatialConstraint</td> <td></td> </tr> <tr> <td>userIdentified</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	informLicensor		redeposit		languageEngineeringResearch		education		compensate		personalDataIncluded		sensitiveDataIncluded		requestPlan		spatialConstraint		userIdentified		other	
value	definition																								
informLicensor																									
redeposit																									
languageEngineeringResearch																									
education																									
compensate																									
personalDataIncluded																									
sensitiveDataIncluded																									
requestPlan																									
spatialConstraint																									
userIdentified																									
other																									
examples																									
DCLINK	dc:rights																								
ISOcatLINK																									

6.2.3 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> <td>value</td> <td>definition</td> </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> </table>	value	definition	webExecutable		paperCopy		hardDisk		bluRay	
value	definition										
webExecutable											
paperCopy											
hardDisk											
bluRay											

	DVD-R CD-ROM downloadable accessibleThroughInterface other
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2458

6.2.4 downloadLocation

definition	Any url where the resource can be downloaded from; please, use if the resource is "downloadable" and you have not uploaded the resource in the repository
type	ms:httpURI
value space	
values	
examples	
DCLINK	
ISOcatLINK	

6.2.5 executionLocation

definition	Any url where the service providing access to a resource is being executed; please use for resources that are "accessibleThroughInterface" or "webExecutable"
type	ms:httpURI
value space	
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2569

6.2.6 fee

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	http://www.isocat.org/datcat/DC-2460

6.2.7 attributionText

definition	The text that must be quoted for attribution purposes when using a resource - for cases where a resource is provided with a restriction on attribution; you can use a standard text such as "Resource A by Resource Creator/Owner B used under licence C as accessed at D"
type	ms:myString
value space	
values	
examples	
DCLINK	
ISOcatLINK	

6.2.8 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.
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	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	personInfo

6.2.9 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	actorInfo
DCLINK	~dc:publisher
ISOcatLINK	

6.2.10 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	actorInfo

6.2.11 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	<table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>academic</td><td>For academic institutions</td></tr> <tr> <td>commercial</td><td>For commercial institutions</td></tr> </table>	value	definition	academic	For academic institutions	commercial	For commercial institutions
value	definition						
academic	For academic institutions						
commercial	For commercial institutions						
examples							
DCLINK							
ISOcatLINK							

6.2.12 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	<p><u>member</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>membershipInstitution</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p>

6.2.12.1 member

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

ISOcatLINK	
------------	--

6.2.12.2 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> <td>value</td> <td>definition</td> </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											

6.2.13 availabilityEndDate

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

6.2.14 availabilityStartDate

definition	Specifies the start date of availability of a resource
type	xs:date
value space	
values	
examples	

DCLINK	dc:date
ISOcatLINK	

6.3 contactPerson

definition	Groups information on the person(s) that is responsible for giving information for the resource
type	linked component
component	personInfo
DCLINK	
ISOcatLINK	

6.4 metadataInfo

definition	Groups information on the metadata record itself
type	component
elements	<p>metadataCreationDate <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>metadataCreator <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p>source <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>sourceRepository <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>originalMetadataSchema <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>originalMetadataLink <i>Status: optional</i> <i>Repeatability: 1</i></p>

	<p><u>metadataLanguageName</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>metadataLanguageId</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>metadataLastDateUpdated</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>revision</u> <i>Status: optional</i> <i>Repeatability: 1</i></p>
--	--

6.4.1 metadataCreationDate

definition	The date of creation of this metadata description
type	xs:date
value space	
values	
examples	
DCLINK	dc:date
ISOcatLINK	<u>http://www.isocat.org/datcat/DC-2541</u>
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; to be automatically assigned
type	linked component
component	<u>personInfo</u>
DCLINK	~dc:contributor
ISOcatLINK	<u>http://www.isocat.org/datcat/DC-2542</u> (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 sourceRepository

definition	Refers to the URL of the repository from which the metadata has been originated.
type	ms:httpURI
value space	
values	
examples	
DCLINK	
ISOcatLINK	
comment	

6.4.5 originalMetadataSchema

definition	Refers to the metadata schema originally used for the description of the resource
type	xs:string
value space	
values	

examples	
DCLINK	
ISOcatLINK	

6.4.6 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

6.4.7 metadataLanguageName

definition	The name of the language in which the metadata description is written, according to IETF BCP47
type	controlled vocabulary
value space	IETF BCP47, Codes for the representation of names of languages (http://tools.ietf.org/html/bcp47)
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2543
comment	for current version, default value should be "English"

6.4.8 metadataLanguageId

definition	The identifier of the language in which the metadata description is written according to IETF BCP47
type	controlled vocabulary

value space	IETF BCP47, Codes for the representation of names of languages(http://tools.ietf.org/html/bcp47)
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2483
comment	for current version, default value should be "en"

6.4.9 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

6.4.10 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	<p><u>version</u></p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>revision</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>lastDateUpdated</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>updateFrequency</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p>
----------	---

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	<u>http://www.isocat.org/datcat/DC-2547</u>

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	<u>~http://www.isocat.org/datcat/DC-2526</u>

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	http://www.isocat.org/datcat/DC-2540

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><u>validated</u></p> <p style="padding-left: 2em;"><i>Status: mandatory</i></p> <p style="padding-left: 2em;"><i>Repeatability: 1</i></p> <p><u>validationType</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: 1</i></p> <p><u>validationMode</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: 1</i></p> <p><u>validationModeDetails</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: 1</i></p> <p><u>validationExtent</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: 1</i></p> <p><u>validationExtentDetails</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: 1</i></p> <p><u>sizePerValidation</u></p>

	<p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>validationReport</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>validationTool</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>validator</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
--	---

6.6.1 validated

definition	Specifies the validation status of the resource
type	xs:boolean
value space	
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2584
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 formal content
examples	
DCLINK	

ISOcatLINK	http://www.isocat.org/datcat/DC-2587
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6.6.3 validationMode

definition	Specifies the validation methodology applied										
type	closed controlled vocabulary										
value space	MS-validationMode										
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>manual</td> <td></td> </tr> <tr> <td>automatic</td> <td></td> </tr> <tr> <td>mixed</td> <td></td> </tr> <tr> <td>interactive</td> <td></td> </tr> </table>	value	definition	manual		automatic		mixed		interactive	
value	definition										
manual											
automatic											
mixed											
interactive											
examples											
DCLINK											
ISOcatLINK	http://www.isocat.org/datcat/DC-2586										

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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>full</td> <td></td> </tr> </table>	value	definition	full	
value	definition				
full					

	partial
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2586

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	sizeInfo

6.6.8 validationReport

definition	A short account of the validation details or a link to the validation report
type	linked component
component	documentationInfo
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	targetResourceInfo
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	actorInfo
DCLINK	
ISOcatLINK	participant role (http://www.isocat.org/datcat/DC-2559) 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	<p>accessTool</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p>resourceAssociatedWith</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p>foreseenUseInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>actualUseInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p>

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	targetResourceInfo
examples	a workbench used for accessing a corpus
DCLINK	
ISOcatLINK	~http://www.isocat.org/datcat/DC-2514

6.7.2 resourceAssociatedWith

definition	Refers to another resource that the resource described uses for its operation
type	linked component
component	targetResourceInfo
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	<p>foreseenUse</p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>useNLPSpecific</p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p>

6.7.3.1 foreseenUse

definition	Classification of the intended use of the resource						
type	closed controlled vocabulary						
value space	MS-foreseenUse						
values	<table> <tr> <td>value</td> <td>definition</td> </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							
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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>alignment</td> <td></td> </tr> <tr> <td>annotation</td> <td></td> </tr> <tr> <td>avatarSynthesis</td> <td></td> </tr> <tr> <td>bilingualLexiconInduction</td> <td></td> </tr> <tr> <td>contradictionDetection</td> <td></td> </tr> <tr> <td>coreferenceResolution</td> <td></td> </tr> <tr> <td>dependencyParsing</td> <td></td> </tr> <tr> <td>derivationalMorphologicalAnalysis</td> <td></td> </tr> <tr> <td>discourseAnalysis</td> <td></td> </tr> <tr> <td>documentClassification</td> <td></td> </tr> <tr> <td>emotionGeneration</td> <td></td> </tr> <tr> <td>emotionRecognition</td> <td></td> </tr> <tr> <td>entityMentionRecognition</td> <td></td> </tr> <tr> <td>eventExtraction</td> <td></td> </tr> </table>	value	definition	alignment		annotation		avatarSynthesis		bilingualLexiconInduction		contradictionDetection		coreferenceResolution		dependencyParsing		derivationalMorphologicalAnalysis		discourseAnalysis		documentClassification		emotionGeneration		emotionRecognition		entityMentionRecognition		eventExtraction	
value	definition																														
alignment																															
annotation																															
avatarSynthesis																															
bilingualLexiconInduction																															
contradictionDetection																															
coreferenceResolution																															
dependencyParsing																															
derivationalMorphologicalAnalysis																															
discourseAnalysis																															
documentClassification																															
emotionGeneration																															
emotionRecognition																															
entityMentionRecognition																															
eventExtraction																															

	expressionRecognition faceRecognition faceVerification humanoidAgentSynthesis informationExtraction informationRetrieval intra- documentCoreferenceResolution knowledgeDiscovery knowledgeRepresentation languageIdentification languageModelling languageModelsTraining lemmatization lexiconAccess lexiconAcquisitionFromCorpora lexiconEnhancement lexiconExtractionFromLexica lexiconFormatConversion lexiconVisualization linguisticResearch lipTrackingAnalysis machineTranslation morphologicalAnalysis morphosyntacticAnnotation- bPosTagging morphosyntacticAnnotation- posTagging multimediaDevelopment multimediaDocumentProcessing namedEntityRecognition naturalLanguageGeneration naturalLanguageUnderstanding opinionMining
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	other personIdentification personRecognition persuasiveExpressionMining phraseAlignment qualitativeAnalysis questionAnswering readingAndWritingAidApplications semanticRoleLabelling semanticWeb sentenceAlignment sentenceSplitting sentimentAnalysis shallowParsing signLanguageGeneration signLanguageRecognition speakerIdentification speakerVerification speechAnalysis speechAssistedVideoControl speechLipsCorrelationAnalysis speechRecognition speechSynthesis speechToSpeechTranslation speechUnderstanding speechVerification spellChecking spokenDialogueSystems summarization talkingHeadSynthesis temporalExpressionRecognition terminologyExtraction textCategorisation textGeneration
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	textMining textToSpeechSynthesis textualEntailment tokenization tokenizationAndSentenceSplitting topicDetection_Tracking userAuthentication visualSceneUnderstanding voiceControl wordAlignment wordSenseDisambiguation
examples	
DCLINK	
ISOcatLINK	
comments	

6.7.4 actualUserInfo

definition	Groups information on how the resource has already been used
type	component
elements	<p><u>actualUse</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>useNLPspecific</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>usageReport</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>derivedResource</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>usageProject</u></p> <p><i>Status: optional</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>actualUseDetails</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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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> <td>value</td> <td>definition</td> </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	<u>documentationInfo</u>

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	<u>targetResourceInfo</u>
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	<u>projectInfo</u>

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	<p><u>citation</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>documentation</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>samplesLocation</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>toolDocumentationType</u> <i>Status: condition-dependent mandatory</i> <i>Condition: resourceType=toolService</i> <i>Repeatability: unbounded</i></p>

6.8.1 citation

definition	Publication to be used for citation purposes
type	linked component
value space	<u>documentationInfo</u>

6.8.2 documentation

definition	Refers to papers, manuals, reports etc. describing the resource
type	linked component
value space	documentationInfo

6.8.3 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	

6.8.4 toolDocumentationType

definition	Specifies the type of documentation for tool or service												
type	open controlled vocabulary												
value space	MS-toolDocumentationType												
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>online</td> <td></td> </tr> <tr> <td>manual</td> <td></td> </tr> <tr> <td>helpFunctions</td> <td></td> </tr> <tr> <td>none</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	online		manual		helpFunctions		none		other	
value	definition												
online													
manual													
helpFunctions													
none													
other													
examples													
DCLINK													
ISOcatLINK													
comment	to be used only for tools												

6.9 resourceCreateInfo

definition	Groups information on the creation procedure of a resource
type	component
elements	<p><u>resourceCreator</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>fundingProject</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>creationStartDate</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>creationEndDate</u> <i>Status: recommended</i> <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	<u>actorInfo</u>
DCLINK	dc:creator
ISOcatLINK	http://www.isocat.org/datcat/DC-2513

6.9.2 fundingProject

definition	Groups information on the project that has funded the creation of the resource
type	special status component
component	<u>projectInfo</u>
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	~http://www.isocat.org/datcat/DC-2510

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	http://www.isocat.org/datcat/DC-2509

6.10 relationInfo

definition	Groups information on the relations of the resource being described with other resources
type	component
elements	<p><u>relationType</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>relatedResource</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p>

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	http://www.isocat.org/datcat/DC-2549

6.10.2 relatedResource

definition	The full name, the identifier or the url of the related resource
type	linked component
component	targetResourceInfo

6.11 resourceComponentType

definition	Used for distinguishing between resource types
type	component
components	choice corpusInfo toolServiceInfo languageDescriptionInfo lexicalConceptualResourceInfo

7 Corpora

7.1 resourceInfo

definition	The profile for corpora; extension of the resourceInfo for corpora
elements	<p>resourceInfo – common components</p> <p>identificationInfo distributionInfo contactPerson metadataInfo versionInfo validationInfo usageInfo resourceDocumentationInfo resourceCreationInfo relationInfo resourceComponentType corpusInfo</p>

7.2 corpusInfo

definition	Groups together information on corpora of all media types
type	component
elements	<p>resourceType</p> <p><i>Status: mandatory with value "corpus"</i></p> <p><i>Repeatability: 1</i></p> <p>corpusMediaType</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p>

7.2.1 resourceType

definition	Specifies the type of the resource being described
type	closed controlled vocabulary
value space	MS-resourceType

values	value	definition
	corpus	for text, speech, video, multimodal/multimedia corpora, corpora with sensorimotor information, n-gram resources
	lexicalConceptualResource	includes lexica, ontologies, dictionaries, word lists etc.
	languageDescription	covers grammars etc.
toolService		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>corpusTextInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>corpusAudioInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p>corpusVideoInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>corpusImageInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p>corpusTextNumericalInfo</p> <p><i>Status: recommended</i></p>

	<p><i>Repeatability: 1</i></p> <p><u>corpusTextNgramInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p>
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7.3 corpusTextInfo

definition	Groups together information on the text component of a resource
type	component
elements	<p><u>mediaType</u></p> <p><i>Status: mandatory with value "text"</i></p> <p><i>Repeatability: 1</i></p> <p><u>lingualityInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>languageInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>modalityInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>sizeInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>textFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>characterEncodingInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: recommended</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>textClassificationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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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 partof 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 stillimage like photographs, drawings etc.
	textNumerical	forthe description of sensorimotor data (e.g. biological

	textNgram	measurements, geospatial data etc.) for n-gram resources
examples		
DCLINK	dc:type	
ISOcatLINK		~ http://www.isocat.org/datcat/DC-2570 (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	<p><u>lingualityType</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>multilingualityType</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>multilingualityTypeDetails</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>

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	<p>value definition</p> <p>monolingual</p> <p>bilingual</p> <p>multilingual</p>
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2491

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> <td style="vertical-align: top; padding-right: 20px;">Value</td> <td style="padding-left: 20px;">definition</td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">comparable</td> <td style="padding-left: 20px;"></td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">parallel</td> <td style="padding-left: 20px;"></td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">multilingualSingleText</td> <td style="padding-left: 20px;"></td> </tr> <tr> <td style="vertical-align: top; padding-right: 20px;">other</td> <td style="padding-left: 20px;"></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>languageId <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>languageName <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>languageScript</p>

	<p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>region</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>variant</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizePerLanguage</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>languageVarietyInfo</u></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
type	controlled vocabulary
value space	IETF BCP47, Codes for the representation of names of languages
values	
examples	
DCLINK	dc:language
ISOcatLINK	http://www.isocat.org/datcat/DC-2482 (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, as specified in the BCP47 guidelines (https://tools.ietf.org/html/bcp47); the guidelines includes (a) language subtag according to ISO 639-1 and for languages not covered by this, the ISO 639-3; (b) the script tag according to ISO 15924; (c) the region tag according to ISO 3166-1; (d) the variant subtag
type	controlled vocabulary

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 in form of a four letter code as it is defined in ISO-15924
type	controlled vocabulary
value space	ISO-15924 , Codes for the representation of names of scripts
values	
examples	
DCLINK	
ISOCatLINK	http://www.isocat.org/datcat/DC-2485

7.3.3.4 region

definition	Name of the region where the language of the resource is spoken (e.g. for English as spoken in the US or the UK etc.)
type	controlled vocabulary
value space	ISO 3166 , Codes for the representation of names of countries and their subdivisions
values	
examples	
DCLINK	
ISOCatLINK	http://www.isocat.org/datcat/DC-2485

7.3.3.5 variant

definition	Name of the variant of the language of the resource is spoken (according to IETF BCP47)
type	controlled vocabulary
value space	IETF BCP47, Codes for the representation of names of languages

values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2485

7.3.3.6 sizePerLanguage

definition	Provides information on the size per language component
type	linked component
component	sizeInfo
ISOcatLINK	http://www.isocat.org/datcat/DC-2581

7.3.3.7 languageVarietyInfo

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

7.3.3.7.1 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	value definition dialect

	jargon other
examples	
DCLINK	
ISOcatLINK	

7.3.3.7.2 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	http://www.isocat.org/datcat/DC-2466

7.3.3.7.3 sizePerLanguageVariety

definition	Provides information on the size per language variety component
type	linked component
component	sizeInfo

7.3.4 modalityInfo

definition	Groups information on the modalities represented in the resource
type	component
elements	<p>modalityType</p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>modalityTypeDetails</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>sizePerModality</p> <p style="padding-left: 20px;"><i>Status: optional</i></p>

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

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	~http://www.isocat.org/datcat/DC-2490																		

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	sizeInfo
-----------	--------------------------

7.3.5 textFormatInfo

definition	Groups information on the text format(s) of a resource
type	component
elements	mimeType <i>Status: mandatory</i> <i>Repeatability: 1</i> sizePerTextFormat <i>Status: optional</i> <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, in conformance with the values of the IANA (Internet Assigned Numbers Authority); you can select one of the pre-defined values or add a value, PREFERABLY FROM THE IANA MEDIA MIMETYPE RECOMMENDED VALUES (http://www.iana.org/assignments/media-types/media-types.xhtml)																		
type	open controlled vocabulary																		
value space	IANA mimetypes, http://www.iana.org/assignments/media-types/media-types.xhtml																		
values	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;">value</th> <th style="text-align: left; width: 70%;">definition</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">text/plain</td> <td></td> </tr> <tr> <td style="text-align: left;">application/vnd.xmi+xml</td> <td></td> </tr> <tr> <td style="text-align: left;">application/xml</td> <td></td> </tr> <tr> <td style="text-align: left;">application/x-tmx+xml</td> <td></td> </tr> <tr> <td style="text-align: left;">application/x-xces+xml</td> <td></td> </tr> <tr> <td style="text-align: left;">application/tei+xml</td> <td></td> </tr> <tr> <td style="text-align: left;">application/rdf+xml</td> <td></td> </tr> <tr> <td style="text-align: left;">application/xhtml+xml</td> <td></td> </tr> </tbody> </table>	value	definition	text/plain		application/vnd.xmi+xml		application/xml		application/x-tmx+xml		application/x-xces+xml		application/tei+xml		application/rdf+xml		application/xhtml+xml	
value	definition																		
text/plain																			
application/vnd.xmi+xml																			
application/xml																			
application/x-tmx+xml																			
application/x-xces+xml																			
application/tei+xml																			
application/rdf+xml																			
application/xhtml+xml																			

	application/emma+xml application/pls+xml application/voicexml+xml text/sgml text/html application/x-tex application/rtf application/x-latex text/csv text/tab-separated-values application/pdf application/x-msaccess audio/mp4 audio/mpeg audio/x-wav image/bmp image/gif image/jpeg image/png image/svg+xml image/tiff video/jpeg video/mp4 video/mpeg video/x-flv video/x-msvideo video/x-ms-wmv application/msword application/vnd.ms-excel audio/mpeg3 text/turtle other
examples	
DCLINK	dc:format

ISOcatLINK	http://www.isocat.org/datcat/DC-2571
------------	---

7.3.5.2 sizePerTextFormat

definition	Provides information on the size of the resource parts with different format
type	linked component
component	sizeInfo

7.3.6 characterEncodingInfo

definition	Groups together information on character encoding of the resource
type	component
elements	characterEncoding <i>Status: mandatory</i> <i>Repeatability: 1</i> sizePerCharacterEncoding <i>Status: optional</i> <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	http://www.isocat.org/datcat/DC-2564
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	sizeInfo

7.3.7 annotationInfo

definition	Groups information on the annotated part(s) of a resource
type	component
elements	<p>annotationType</p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>annotatedElements</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>annotationStandoff</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>segmentationLevel</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Condition: annotationType=segmentation</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>annotationFormat</p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>tagset</p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>tagsetLanguageId</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>tagsetLanguageName</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>conformanceToStandardsBestPractices</p>

	<p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>theoreticModel</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>annotationManual</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationMode</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>annotationModeDetails</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>annotationTool</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationStartDate</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>annotationEndDate</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizePerAnnotation</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>interannotatorAgreement</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>intraannotatorAgreement</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>annotator</u></p> <p><i>Status: optional</i></p>
--	--

	<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	<p>value definition</p> <p>alignment</p> <p>discourseAnnotation</p> <p>discourseAnnotation-audienceReactions</p> <p>discourseAnnotation-coreference</p> <p>discourseAnnotation-dialogueActs</p> <p>discourseAnnotation-discourseRelations</p> <p>lemmatization</p> <p>morphosyntacticAnnotation-bPosTagging</p> <p>morphosyntacticAnnotation-posTagging</p> <p>segmentation</p> <p>semanticAnnotation</p> <p>semanticAnnotation-certaintyLevel</p> <p>semanticAnnotation-emotions</p> <p>semanticAnnotation-entityMentions</p> <p>semanticAnnotation-events</p> <p>semanticAnnotation-namedEntities</p> <p>semanticAnnotation-polarity</p> <p>semanticAnnotation-questionTopicalTarget</p> <p>semanticAnnotation-semanticClasses</p> <p>semanticAnnotation-</p>

	semanticRelations semanticAnnotation-semanticRoles semanticAnnotation-speechActs semanticAnnotation- temporalExpressions semanticAnnotation-textualEntailment semanticAnnotation-wordSenses speechAnnotation speechAnnotation- orthographicTranscription speechAnnotation- paralanguageAnnotation speechAnnotation- phoneticTranscription speechAnnotation-prosodicAnnotation speechAnnotation-soundEvents speechAnnotation- soundToTextAlignment speechAnnotation- speakerIdentification speechAnnotation-speakerTurns stemming structuralAnnotation syntacticAnnotation- subcategorizationFrames syntacticAnnotation-dependencyTrees syntacticAnnotation-constituencyTrees syntacticosemanticAnnotation-links translation transliteration modalityAnnotation-bodyMovements modalityAnnotation-facialExpressions modalityAnnotation- gazeEyeMovements
--	---

	modalityAnnotation-handArmGestures modalityAnnotation-handManipulationOfObjects modalityAnnotation-headMovements modalityAnnotation-lipMovements other
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2462

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 speakerNoise backgroundNoise mispronunciations truncation discourseMarkers 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	http://www.isocat.org/datcat/DC-2507

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	<table> <tr><td>value</td><td>definition</td></tr> <tr><td>paragraph</td><td></td></tr> <tr><td>sentence</td><td></td></tr> <tr><td>clause</td><td></td></tr> <tr><td>word</td><td></td></tr> <tr><td>wordGroup</td><td></td></tr> <tr><td>utterance</td><td></td></tr> <tr><td>topic</td><td></td></tr> <tr><td>signal</td><td></td></tr> <tr><td>phoneme</td><td></td></tr> <tr><td>syllable</td><td></td></tr> <tr><td>phrase</td><td></td></tr> <tr><td>diphone</td><td></td></tr> <tr><td>prosodicBoundaries</td><td></td></tr> <tr><td>frame</td><td></td></tr> <tr><td>scene</td><td></td></tr> <tr><td>token</td><td></td></tr> <tr><td>shot</td><td></td></tr> <tr><td>other</td><td></td></tr> </table>	value	definition	paragraph		sentence		clause		word		wordGroup		utterance		topic		signal		phoneme		syllable		phrase		diphone		prosodicBoundaries		frame		scene		token		shot		other	
value	definition																																						
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word																																							
wordGroup																																							
utterance																																							
topic																																							
signal																																							
phoneme																																							
syllable																																							
phrase																																							
diphone																																							
prosodicBoundaries																																							
frame																																							
scene																																							
token																																							
shot																																							
other																																							
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	http://www.isocat.org/datcat/DC-2562

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	http://www.isocat.org/datcat/DC-2497

7.3.7.7 tagsetLanguageId

definition	The identifier of the tagset language as expressed in the values of IETF BP47
type	controlled vocabulary
value space	IETF BP47, Codes for the representation of names of languages
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2498

7.3.7.8 tagsetLanguageName

definition	The name of the tagset language expressed in the values of IETF BP47
type	controlled vocabulary
value space	IETF BP47, Codes for the representation of names of languages
values	
examples	

DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2499

7.3.7.9 conformanceToStandardsBestPractices

definition	Specifies the standards or the best practices to which the tagset used for the annotation conforms	
type	open controlled vocabulary	
value space	MS-standards	
values	value	definition
	BML	http://bml.mimuw.edu.pl/
	CES	http://www.cs.vassar.edu/CES/
	EAGLES	http://www.ilc.cnr.it/EAGLES/browse.html
	EML	http://www.w3.org/TR/2009/WD-emotionml-20091029/
	EMMA	http://www.w3.org/TR/emma/
	GMX	http://www.xtm-intl.com/manuals/gmx-v/GMX-V-2.0.html
	GrAF	http://www.xces.org/ns/GrAF/1.0/
	HamNoSys	http://www.sign-lang.uni-hamburg.de/projects/hamnosys.html
	ILSP_NLP	
	InkML	http://www.w3.org/TR/InkML/
	ISO12620	http://www.isocat.org/
	ISO16642	http://www.loria.fr/projets/TMF/
	ISO1987	
	ISO26162	http://www.iso.org/iso/catalogue_detail.htm?csnumber=43427
	ISO30042	http://www.iso.org/iso/catalogue_detail.htm?csnumber=45797
	ISO704	http://www.iso.org/iso/catalogue_detail.htm?csnumber=38109
	LAF	
	LMF	http://www.lexicalmarkupframework.org/

	MAF	http://www.iso.org/iso/catalogue_detail.htm?csnumber=51934
	MLIF	http://mlif.loria.fr/
	MOSES	
	MULTEXT	http://www.tei-c.org/Activities/Projects/muo3.xml
	MUMIN	
	multimodalInteractionFramework	http://www.w3.org/TR/mmi-framework/
	OAXAL	http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=oaxal
	OWL	http://www.w3.org/TR/owl-features/
	PANACEA	
	pennTreeBank	http://www.cis.upenn.edu/~treebank/
	pragueTreeBanks	http://ufal.mff.cuni.cz/pdt2.0/
	RDF	http://www.w3.org/RDF/
	SemAF	http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=56866
	SemAF_DA	https://www.iso.org/obp/ui/#iso:std:57083:en
	SemAF_NE	http://semanticweb.kaist.ac.kr/research/tc37sc4/new_doc/iso_tc37_sc4_N667_Form_04-NWI_Proposal_SemAF-NE.rtf
	SemAF_SRL	http://semanticweb.kaist.ac.kr/research/tc37sc4/new_doc/iso_tc37_sc4_N707_wg2_24617-4_proposed_WD_24617-4_SemAF-SRL.pdf
	SemAF_DS	http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=57083
	SKOS	http://www.w3.org/2004/02/skos/
	SRX	
	SynAF	http://www.iso.org/iso/catalogue_detail.htm?csnumber=37329
	TBX	http://www.ttb.org/oscarstandards/tbx/
	TMX	http://www.opentag.com/tmx.htm
	TEI	http://www.tei-c.org/index.xml
	TEI_P3	http://www.tei-c.org/Vault/GL/P3/index.htm

	TEI_P4	http://www.tei-c.org/Guidelines/P4/
	TEI_P5	http://www.tei-c.org/Guidelines/P5/
	TimeML	http://timeml.org/site/index.html
	Wordnet	https://wordnet.princeton.edu/
	XCES	http://www.xces.org/
	XLIFF	http://docs.oasis-open.org/xliff/v1.2/os/xliff-core.html
	MUMIN	http://www.cst.dk/mumin/
	other	
examples		
DCLINK		
ISOcatLINK		

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	~ http://www.isocat.org/datcat/DC-2501 (defintion restricts to annotation task); ~ http://www.isocat.org/datcat/DC-2636

7.3.7.11 annotationManual

definition	A bibliographic reference or ms:httpURI link to the annotation manual
type	linked component
value space	documentationInfo
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	Value definition automatic manual mixed interactive
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2506

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	targetResourceInfo
ISOcatLINK	http://www.isocat.org/datcat/DC-3785

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	sizeInfo

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	http://www.isocat.org/datcat/DC-2525

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	actorInfo

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	<p>domain</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>sizePerDomain</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>conformanceToClassificationScheme</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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	http://www.isocat.org/datcat/DC-2467

7.3.8.2 sizePerDomain

definition	Specifies the size of resource parts per domain
type	linked component
component	sizeInfo

7.3.8.3 conformanceToClassificationScheme

definition	Specifies the external classification schemes																																
type	open controlled vocabulary																																
value space	MS-conformanceToClassificationScheme																																
values	<table> <tr> <td style="vertical-align: top;">value</td> <td style="vertical-align: top; text-align: right;">definition</td> </tr> <tr> <td>ANC_domainClassification</td> <td></td> </tr> <tr> <td>ANC_genreClassification</td> <td></td> </tr> <tr> <td>BNC_domainClassification</td> <td></td> </tr> <tr> <td>BNC_textTypeClassification</td> <td></td> </tr> <tr> <td>DDC_classification</td> <td></td> </tr> <tr> <td>EUROVOC</td> <td></td> </tr> <tr> <td>DK-5</td> <td></td> </tr> <tr> <td>libraryOfCongress_domainClassification</td> <td></td> </tr> <tr> <td>libraryOfCongressSubjectHeading_classification</td> <td></td> </tr> <tr> <td>MESH_classification</td> <td></td> </tr> <tr> <td>NLK_classification</td> <td></td> </tr> <tr> <td>PAROLE_topicClassification</td> <td></td> </tr> <tr> <td>PAROLE_genreClassification</td> <td></td> </tr> <tr> <td>UDC_classification</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	ANC_domainClassification		ANC_genreClassification		BNC_domainClassification		BNC_textTypeClassification		DDC_classification		EUROVOC		DK-5		libraryOfCongress_domainClassification		libraryOfCongressSubjectHeading_classification		MESH_classification		NLK_classification		PAROLE_topicClassification		PAROLE_genreClassification		UDC_classification		other	
value	definition																																
ANC_domainClassification																																	
ANC_genreClassification																																	
BNC_domainClassification																																	
BNC_textTypeClassification																																	
DDC_classification																																	
EUROVOC																																	
DK-5																																	
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><u>textGenre</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>textType</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>register</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>subject_topic</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>conformanceToClassificationScheme</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>sizePerTextClassification</u> <i>Status: optional</i> <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	http://www.isocat.org/datcat/DC-2470
------------	---

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	sizeInfo

7.3.10 timeCoverageInfo

definition	Groups together information on time classification of the resource
type	component
elements	<p>timeCoverage <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>sizePerTimeCoverage <i>Status: optional</i> <i>Repeatability: 1</i></p>

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	http://www.isocat.org/datcat/DC-2502

7.3.10.2 sizePerTimeCoverage

definition	Provides information on size per time period represented in the resource
type	linked component
component	sizeInfo

7.3.11 geographicCoverageInfo

definition	Groups information on geographic classification of the resource
type	component

elements	<p>geographicCoverage</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>sizePerGeographicCoverage</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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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	http://www.isocat.org/datcat/DC-2471

7.3.11.2 sizePerGeographicCoverage

definition	Provides information on size per geographically distinct section of the resource
type	linked component
component	sizeInfo

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>originalSource</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>creationMode</p> <p><i>Status: recommended</i></p>

	<p><i>Repeatability: 1</i></p> <p>creationModeDetails</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>creationTool</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	targetResourceInfo
values	
examples	
DCLINK	dc:source
ISOcatLINK	http://www.isocat.org/datcat/DC-2534
comment	alternative to the relation hasOriginalSource

7.3.12.2 creationMode

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

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	targetResourceInfo
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2511

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>otherMedia</p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>mediaTypeDetails</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>synchronizedWithText</p> <p style="padding-left: 20px;"><i>Status: optional</i></p>

	<p><i>Repeatability:</i> 1</p> <p><u>synchronizedWithAudio</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>synchronizedWithVideo</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>synchronizedWithImage</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>synchronizedWithTextNumerical</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p>
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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	<table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>text</td><td></td></tr> <tr> <td>textNumerical</td><td></td></tr> <tr> <td>video</td><td></td></tr> <tr> <td>audio</td><td></td></tr> <tr> <td>image</td><td></td></tr> </table>	value	definition	text		textNumerical		video		audio		image	
value	definition												
text													
textNumerical													
video													
audio													
image													
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>mediaType</p> <p><i>Status: mandatory with value "audio"</i></p> <p><i>Repeatability: 1</i></p>

	<p><u>lingualityInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>languageInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>modalityInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>audioSizeInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>audioContentInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>settingInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>audioFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>audioClassificationInfo</u></p>
--	--

	<p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>recordingInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>captureInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>creationInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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7.4.1 audioSizeInfo

definition	SizeInfo Element for Audio parts of a resource
type	component
elements	<p><u>sizeInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>durationOfEffectiveSpeechInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>durationOfAudioInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>

7.4.1.1 durationOfEffectiveSpeechInfo

definition	Groups together information on the duration of effective speech
type	component
elements	<u>size</u>

	<p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>durationUnit</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p>
ISOcatLINK	~ http://www.isocat.org/datcat/DC-2691 (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> <td>value</td><td>definition</td></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	http://www.isocat.org/datcat/DC-2567								

7.4.1.2 durationOfAudioInfo

definition	Groups together information on the size of audio parts; for silences, music etc.
type	component
elements	<p><u>size</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>durationUnit</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p>

7.4.2 audioContentInfo

definition	Groups together information on the contents of the audio part of a resource
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type	component
elements	<p><u>speechItems</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>nonSpeechItems</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>textualDescription</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>noiseLevel</u> <i>Status: optional</i> <i>Repeatability: 1</i></p>

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	value	definition
	applicationWords	
	creditCardNumbers	
	freeSpeech	
	isolatedWords	
	isolatedDigits	
	moneyAmounts	
	naturalNumbers	
	phoneticallyBalancedSentences	
	phoneticallyRichSentences	
	phoneticallyRichWords	
	properNouns	
	telephoneNumbers	
	yesNoQuestions	
	vcvSequences	
	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 commercial music noise notes sounds tempo 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	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><u>naturality</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>conversationalType</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>scenarioType</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>audience</u> <i>Status:optional</i> <i>Repeatability: 1</i></p> <p><u>interactivity</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>interaction</u> <i>Status: optional</i> <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		http://www.isocat.org/datcat/DC-2665
	prompted		
	readSpeech		
	semiPlanned		http://www.isocat.org/datcat/DC-2664
	spontaneous		http://www.isocat.org/datcat/DC-2663
	other		
examples			
DCLINK			
ISOcatLINK	http://www.isocat.org/datcat/DC-2492		

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		http://www.isocat.org/datcat/DC-2659
	dialogue		http://www.isocat.org/datcat/DC-2660
	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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>frogStory</td> <td></td> </tr> <tr> <td>pearStory</td> <td></td> </tr> <tr> <td>mapTask</td> <td></td> </tr> <tr> <td>onlineEducationalGame</td> <td></td> </tr> <tr> <td>rolePlay</td> <td></td> </tr> <tr> <td>wordGame</td> <td></td> </tr> <tr> <td>wizardOfOz</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	frogStory		pearStory		mapTask		onlineEducationalGame		rolePlay		wordGame		wizardOfOz		other	
value	definition																		
frogStory																			
pearStory																			
mapTask																			
onlineEducationalGame																			
rolePlay																			
wordGame																			
wizardOfOz																			
other																			
examples																			
DCLINK																			
ISOcatLINK																			

7.4.3.4 audience

definition	Indication of the intended audience size															
type	closed controlled vocabulary															
value space	MS-audience															
values	<table> <tr> <td>value</td> <td>definition</td> <td>ISOcatLink</td> </tr> <tr> <td>no</td> <td></td> <td>http://www.isocat.org/datcat/DC-2618</td> </tr> <tr> <td>few</td> <td></td> <td></td> </tr> <tr> <td>some</td> <td></td> <td></td> </tr> <tr> <td>largePublic</td> <td></td> <td></td> </tr> </table>	value	definition	ISOcatLink	no		http://www.isocat.org/datcat/DC-2618	few			some			largePublic		
value	definition	ISOcatLink														
no		http://www.isocat.org/datcat/DC-2618														
few																
some																
largePublic																
examples																
DCLINK																
ISOcatLINK																

7.4.3.5 interactivity

definition	Indicates the level of conversational interaction between speakers (for audio)
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	component) or participants (for video component)		
type	open controlled vocabulary		
value space	MS-interactivity		
values	value	definition	ISOcatLink
	interactive		http://www.isocat.org/datcat/DC-2613
	nonInteractive		http://www.isocat.org/datcat/DC-2614
	semiInteractive		http://www.isocat.org/datcat/DC-2615
	overlapping		
	other		
examples			
DCLINK			
ISOcatLINK	http://www.isocat.org/datcat/DC-2476		

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	<p>mimeType</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>signalEncoding</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>samplingRate</p>

	<p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>quantization</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>byteOrder</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>signConvention</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>audioQualityMeasuresIncluded</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>numberOfTracks</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>recordingQuality</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizePerAudioFormat</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>compressionInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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7.4.4.1 signalEncoding

definition	Specifies the encoding the audio type uses						
type	open controlled vocabulary						
value space	MS-signalEncoding						
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td></td> <td>ADPCM</td> </tr> <tr> <td></td> <td>aLaw</td> </tr> </table>	value	definition		ADPCM		aLaw
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	value definition 8000 16000 44100 48000 96000
examples	
DCLINK	
ISOcatLINK	~ http://www.isocat.org/datcat/DC-2684

7.4.4.3 quantization

definition	The number of bits for each audio sample
type	closed controlled vocabulary
value space	MS-quantization
values	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									
value	<table> <tr> <td>value</td> <td>definition</td> <td>ISOcatLink</td> </tr> <tr> <td>littleEndian</td> <td></td> <td>http://www.isocat.org/datcat/DC-2688</td> </tr> <tr> <td>bigEndian</td> <td></td> <td>http://www.isocat.org/datcat/DC-2687</td> </tr> </table>	value	definition	ISOcatLink	littleEndian		http://www.isocat.org/datcat/DC-2688	bigEndian		http://www.isocat.org/datcat/DC-2687
value	definition	ISOcatLink								
littleEndian		http://www.isocat.org/datcat/DC-2688								
bigEndian		http://www.isocat.org/datcat/DC-2687								
examples										
DCLINK										
ISOcatLINK	http://www.isocat.org/datcat/DC-2686									

7.4.4.5 signConvention

definition	Binary representation of numbers								
type	closed controlled vocabulary								
value space	MS-signConvention								
value	<table> <tr> <td>value</td> <td>definition</td> </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> <td>value</td> <td>definition</td> </tr> <tr> <td>SNR</td> <td></td> </tr> <tr> <td>crossTalk</td> <td></td> </tr> <tr> <td>clippingRate</td> <td></td> </tr> </table>	value	definition	SNR		crossTalk		clippingRate	
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> <td>value</td> <td>definition</td> </tr> <tr> <td>1</td> <td>mono</td> </tr> <tr> <td>2</td> <td>stereo</td> </tr> <tr> <td>4</td> <td></td> </tr> <tr> <td>8</td> <td></td> </tr> </table>	value	definition	1	mono	2	stereo	4		8	
value	definition										
1	mono										
2	stereo										
4											
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> <td>value</td> <td>definition</td> </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	audioSizeInfo

7.4.4.10 compressionInfo

definition	Groups together information on the compression status and method of a resource
type	component
elements	<p>compression</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p>compressionName</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p>compressionLoss</p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p>

compression

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

compressionName

definition	The name of the compression applied
type	open controlled vocabulary
value space	MS-compressionName
values	value definition

	flac shorten mp3 oggVorbis atrac aac mpeg realAudio other
examples	
DCLINK	
ISOcatLINK	~ http://www.isocat.org/datcat/DC-2685

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>audioGenre</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>speechGenre</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p>subject_topic</p>

	<p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>register</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>conformanceToClassificationScheme</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizePerAudioClassification</u></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		
	instrumental		<u>http://www.isocat.org/datcat/DC-2611</u>
	noise		
	animalVocalizations		
	other		
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	<table> <thead> <tr> <th>value</th> <th>definition</th> </tr> </thead> <tbody> <tr><td>broadcastNews</td><td></td></tr> <tr><td>conversation</td><td></td></tr> <tr><td>meeting</td><td></td></tr> <tr><td>roundtable</td><td></td></tr> <tr><td>interview</td><td></td></tr> <tr><td>debate</td><td></td></tr> <tr><td>call-in</td><td></td></tr> <tr><td>lecture</td><td></td></tr> <tr><td>emotionalExpressive</td><td></td></tr> <tr><td>airTrafficControl</td><td></td></tr> <tr><td>questionAnswer</td><td></td></tr> <tr><td>presentation</td><td></td></tr> <tr><td>narrative</td><td></td></tr> <tr><td>other</td><td></td></tr> </tbody> </table>	value	definition	broadcastNews		conversation		meeting		roundtable		interview		debate		call-in		lecture		emotionalExpressive		airTrafficControl		questionAnswer		presentation		narrative		other	
value	definition																														
broadcastNews																															
conversation																															
meeting																															
roundtable																															
interview																															
debate																															
call-in																															
lecture																															
emotionalExpressive																															
airTrafficControl																															
questionAnswer																															
presentation																															
narrative																															
other																															
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	sizeInfo

7.4.6 recordingInfo

definition	Groups together information on the recording of the audio or video part of a resource
type	component
elements	<p>recordingDeviceType</p> <p><i>Status: optional</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>recordingDeviceTypeDetails</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>recordingPlatformSoftware</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>recordingEnvironment</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>sourceChannel</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>sourceChannelType</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>sourceChannelName</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>sourceChannelDetails</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>recorder</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
--	--

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	value	definition
	hardDisk	
	dv	
	tapeVHS	

	DAT flash soundBlasterCard other
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2693

7.4.6.2 recordingDeviceTypeDetails

definition	Free text description of the recording 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	http://www.isocat.org/datcat/DC-2694

7.4.6.4 recordingEnvironment

definition	Where the recording took place						
type	open controlled vocabulary						
value space	MS-recordingEnvironment						
values	<table> <tr> <td>value</td> <td>definition</td> <td>ISOcatLink</td> </tr> <tr> <td>office</td> <td></td> <td>~http://www.isocat.org/datcat/DC-2697</td> </tr> </table>	value	definition	ISOcatLink	office		~http://www.isocat.org/datcat/DC-2697
value	definition	ISOcatLink					
office		~http://www.isocat.org/datcat/DC-2697					

	inCar studio bus; train transport openPublicPlace closedPublicPlace anechoicChamber conferenceRoom lectureRoom industrial other	http://www.isocat.org/datcat/DC-2698
examples		
DCLINK		
ISOcatLINK	http://www.isocat.org/datcat/DC-2568	

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> <td>value</td> <td>definition</td> </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	actorInfo

7.4.7 captureInfo

definition	Groups together information on the capture of the audio or video part of a corpus
type	component
elements	<p>capturingDeviceType</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p>capturingDeviceTypeDetails</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>capturingDetails</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>capturingEnvironment</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>sensorTechnology</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p>sceneIllumination</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>personSourceSetInfo</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> <td style="vertical-align: top;">Value</td> <td style="vertical-align: top;">definition</td> </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	~ http://www.isocat.org/datcat/DC-2563

7.4.7.4 capturingEnvironment

definition	Type of capturing environment
type	closed controlled vocabulary
value space	MS-capturingEnvironment
values	Value definition complex 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	<table> <tr> <td style="padding-right: 20px;">Value</td> <td>definition</td> </tr> <tr> <td>daylight</td> <td></td> </tr> <tr> <td>fix</td> <td></td> </tr> <tr> <td>multipleSources</td> <td></td> </tr> <tr> <td>singleSource</td> <td></td> </tr> <tr> <td>variable</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	Value	definition	daylight		fix		multipleSources		singleSource		variable		other	
Value	definition														
daylight															
fix															
multipleSources															
singleSource															
variable															
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	<p><u>numberOfPersons</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>ageOfPersons</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>ageRangeStart</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>ageRangeEnd</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>sexOfPersons</u> <i>Status: optional</i> <i>Repeatability: 1</i></p>

	<p><u>originOfPersons</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>dialectAccentOfPersons</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicDistributionOfPersons</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>hearingImpairmentOfPersons</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>speakingImpairmentOfPersons</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>numberOfTrainedSpeakers</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>speechInfluences</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>participantInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
--	--

numberOfPersons

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



ageOfPersons

definition	The age range of the group of participants; repeat the element if needed										
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> <tr> <td>adult</td> <td></td> </tr> <tr> <td>elderly</td> <td></td> </tr> </table>	value	definition	child		teenager		adult		elderly	
value	definition										
child											
teenager											
adult											
elderly											
examples											
DCLINK											
ISOcatLINK											

ageRangeStart

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

ageRangeEnd

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

sexOfPersons

definition	The gender of the group of participants										
type	closed controlled vocabulary										
value space	MS-sexOfPersons										
values	<table> <tr> <td>value</td> <td>definition</td> </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	~ http://www.isocat.org/datcat/DC-256o (refers to the sex of each one of the participants)										

originOfPersons

definition	The language origin of the group of participants										
type	closed controlled vocabulary										
value space	MS-originOfPersons										
values	<table> <tr> <td>value</td> <td>definition</td> </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											

dialectAccentOfPersons

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

DCLINK	
ISOcatLINK	

geographicDistributionOfPersons

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

hearingImpairmentOfPersons

definition	Whether the group of participants contains persons with hearing impairments
type	closed controlled vocabulary
value space	MS-hearingImpairmentOfPersons
values	value definition yes no mixed
examples	
DCLINK	
ISOcatLINK	

speakingImpairmentOfPersons

definition	Whether the group of participants contains persons with speaking impairments
type	closed controlled vocabulary
value space	MS-hearingImpairmentOfPersons
values	value definition yes no

	mixed
examples	
DCLINK	
ISOcatLINK	

numberOfTrainedSpeakers

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

speechInfluences

definition	Specifies the factors influencing speech												
type	open controlled vocabulary												
value space	MS-speechInfluences												
values	<table> <tr> <td>value</td> <td>definition</td> </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												

participantInfo

definition	Groups information on the individual person(s) participating in the audio, video, sensorimotor (textNumerical) part of the resource
------------	---

type	component
elements	<p><u>alias</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>ageGroup</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>age</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>sex</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>origin</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>placeOfLiving</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>placeOfBirth</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>placeOfChildhood</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>dialectAccent</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>speakingImpairment</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>hearingImpairment</u> <i>Status: optional</i> <i>Repeatability: 1</i></p>

	<p><u>smokingHabits</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>vocalTractConditions</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>profession</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>height</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>weight</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>trainedSpeaker</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>placeOfSecondEducation</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>educationLevel</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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alias

definition	The name of the person used instead of the real one
type	xs:string
value space	
values	
examples	
DCLINK	
ISOcatLINK	~http://www.isocat.org/datcat/DC-2552

ageGroup

definition	The age group to which the participant belongs										
type	closed controlled vocabulary										
value space	MS-ageGroup										
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <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> </table>	value	definition	child		teenager		adult		elderly	
value	definition										
child											
teenager											
adult											
elderly											
examples											
DCLINK											
ISOcatLINK											

age

definition	The age of the participant
type	free text
value space	
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2550

origin

definition	The language origin of the participant								
type	closed controlled vocabulary								
value space	MS-origin								
values	<table> <tr> <td>value</td> <td>definition</td> </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									

placeOfLiving

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

placeOfBirth

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

placeOfChildhood

definition	The place in which the participant lived as a child
type	xs:string
value space	
values	
examples	
DCLINK	
ISOcatLINK	

dialectAccent

definition	Provides information on the dialect of the participant
type	xs:string
value space	
values	
examples	



DCLINK	
ISOcatLINK	~ http://www.isocat.org/datcat/DC-2553 (dominant language)

speakingImpairment

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

hearingImpairment

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

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	

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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>dentalProsthesis</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	dentalProsthesis		other	
value	definition						
dentalProsthesis							
other							
examples							
DCLINK							
ISOcatLINK							

profession

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

height

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

weight

definition	Provides information on the weight of the participant
type	xs:integer



value space	
values	
examples	
DCLINK	
ISOcatLINK	

trainedSpeaker

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

placeOfSecondEducation

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

educationLevel

definition	Provides information on the education level of the participant
type	xs:string
value space	
values	
examples	
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2554

7.5 corpusVideoInfo

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

	<p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>videoClassificationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>recordingInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>captureInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p>
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7.5.1 videoContentInfo

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

comments	
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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	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	typeOfElement <i>Status: optional</i> <i>Repeatability: unbounded</i>

	<p><u>bodyParts</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>distractors</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>interactiveMedia</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>faceViews</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>faceExpressions</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>bodyMovement</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>gestures</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>handArmMovement</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>handManipulation</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>headMovement</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>eyeMovement</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>posesPerSubject</u></p>
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	<i>Status: optional</i> <i>Repeatability: 1</i>
comments	

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	

bodyParts

definition	The body parts visible in the video or image part of the resource																				
type	closed controlled vocabulary																				
value space	MS-bodyParts																				
values	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>arms</td> <td></td> </tr> <tr> <td>face</td> <td></td> </tr> <tr> <td>feet</td> <td></td> </tr> <tr> <td>hands</td> <td></td> </tr> <tr> <td>head</td> <td></td> </tr> <tr> <td>legs</td> <td></td> </tr> <tr> <td>mouth</td> <td></td> </tr> <tr> <td>wholeBody</td> <td></td> </tr> <tr> <td>none</td> <td></td> </tr> </table>	value	definition	arms		face		feet		hands		head		legs		mouth		wholeBody		none	
value	definition																				
arms																					
face																					
feet																					
hands																					
head																					
legs																					
mouth																					
wholeBody																					
none																					
examples																					
DCLINK																					
ISOcatLINK																					
comments																					

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	

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	

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	

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	

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	

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	

handArmMovement

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

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	

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	

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	

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>mimeType <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p>colourSpace <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p>colourDepth <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>frameRate <i>Status: optional</i></p>

	<p><i>Repeatability:</i> 1</p> <p><u>resolutionInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>visualModelling</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>fidelity</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>compressionInfo</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>recordingQuality</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>sizePerVideoFormat</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p>
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7.5.2.1 colourSpace

definition	Defines the colour space for the video
type	closed controlled vocabulary
value space	MS-colourSpace
values	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	<p>sizeWidth <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>sizeHeight <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>resolutionStandard <i>Status: optional</i> <i>Repeatability: 1</i></p>
comments	

sizeWidth

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

sizeHeight

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

resolutionStandard

definition	The standard to which the resolution conforms										
type	open controlled vocabulary										
value space	MS-resolutionStandard										
values	<table> <tr> <td>value</td> <td>definition</td> </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	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	sizeInfo

7.5.3 videoClassificationInfo

definition	Groups together information on video genre of the resource
type	component
elements	<p>videoGenre <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p>subject_topic <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>conformanceToClassificationScheme <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>sizePerVideoClassification <i>Status: optional</i> <i>Repeatability: 1</i></p>
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	sizeInfo

7.6 corpusImageInfo

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

	<p><u>geographicCoverageInfo</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>imageClassificationInfo</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>captureInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>creationInfo</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p>
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7.6.1 imageContentInfo

definition	Groups together information on the contents of the image part of a resource
type	component
element	<p><u>typeOfImageContent</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>textIncludedInImage</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>staticElementInfo</u> <i>Status: optional</i> <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> <td>value</td> <td>definition</td> </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	<p>typeOfElement</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p>bodyParts</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p>faceExpressions</p>

	<p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>faceViews</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>artifactParts</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>landscapeParts</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>personDescription</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>thingDescription</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>organizationDescription</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>eventDescription</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
--	--

artifactParts

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

landscapeParts

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

personDescription

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

thingDescription

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

organizationDescription

definition	Provides description of the organizations that may appear in the image corpus
type	xs:string

value space	
values	
examples	
DCLINK	
ISOcatLINK	

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><u> mimeType</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u> colourSpace</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u> colourDepth</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u> compressionInfo</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u> resolutionInfo</u> <i>Status: optional</i></p>

	<p><i>Repeatability:</i> unbounded</p> <p><u>visualModelling</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>rasterOrVectorGraphics</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>quality</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p> <p><u>sizePerImageFormat</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> 1</p>
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	<table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>raster</td><td></td></tr> <tr> <td>vector</td><td></td></tr> </table>	value	definition	raster		vector	
value	definition						
raster							
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	<table> <tr> <td>value</td><td>definition</td></tr> <tr> <td>veryLow</td><td></td></tr> <tr> <td>low</td><td></td></tr> </table>	value	definition	veryLow		low	
value	definition						
veryLow							
low							

	medium high veryHigh
examples	veryLow; low; medium; high; veryHigh
DCLINK	
ISOcatLINK	http://www.isocat.org/datcat/DC-2574

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	sizeInfo

7.6.3 imageClassificationInfo

definition	Groups information on the classification of the image corpus
type	component
element	<p>imageGenre</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>subject_topic</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>conformanceToClassificationScheme</p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p>sizePerImageClassification</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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	sizeInfo

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>mediaType</p> <p><i>Status: mandatory with value "textNumerical"</i></p> <p><i>Repeatability: 1</i></p> <p>modalityInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p>sizeInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>textNumericalContentInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p>textNumericalFormatInfo</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>recordingInfo</p> <p><i>Status: recommended</i></p>

	<p><i>Repeatability: 1</i></p> <p><u>captureInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>annotationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p>
comments	

7.7.1 textNumericalContentInfo

definition	Groups information on the content of the textNumerical part of the resource
type	component
elements	<p><u>typeOfTextNumericalContent</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p>

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	<p>mimeType <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>sizePerTextNumericalFormat <i>Status: optional</i> <i>Repeatability: 1</i></p>

7.7.2.1 sizePerTextNumericalFormat

definition	Gives information on the size of textNumerical resource parts with different format
type	linked component
component	sizeInfo

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>mediaType <i>Status: mandatory with value textNgram</i> <i>Repeatability: 1</i></p> <p>ngramInfo <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>lingualityInfo <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p>languageInfo <i>Status: mandatory</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>modalityInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizeInfo</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>textFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>characterEncodingInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>textClassificationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p>
comment	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
--	---

7.8.1 ngramInfo

definition	Groups information specific to n-gram resources (e.g. range of n-grams, base item etc.)
type	component
elements	<p><u>baseItem</u> <i>Status: mandatory</i> <i>Repeatability: unbounded</i></p> <p><u>order</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>perplexity</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>isFactored</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>factors</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>smoothing</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>interpolated</u> <i>Status: optional</i> <i>Repeatability: 1</i></p>

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	value definition word syllable letter phoneme other
examples	
DCLINK	
ISOcatLINK	
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	
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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	Knapper-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> <p>identificationInfo distributionInfo contactPerson metadataInfo versionInfo validationInfo usageInfo resourceDocumentationInfo resourceCreationInfo relationInfo resourceComponentType toolServiceInfo</p>

8.2 toolServiceInfo

definition	Groups together elements required for the description of tools and services
type	component
elements	<p>resourceType</p> <p><i>Status: mandatory with value "toolService"</i></p> <p><i>Repeatability: 1</i></p> <p>toolServiceType</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>toolServiceSubtype</p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p>languageDependent</p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>inputInfo</p>

	<p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>outputInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>toolServiceOperationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>toolServiceEvaluationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>toolServiceCreationInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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8.2.1 toolServiceType

definition	Specifies the type of the tool or service	
type	open controlled vocabulary	
value space	MS-toolServiceType	
values	value	definition
	tool	A device that performs one or more of the tasks listed in the ForeseenUseInfo component
	service	A form in which NLP tasks are realized and delivered to a user, without the need of acquiring and installing the corresponding tools
	platform	A technology that eases the development of new tools and services in the NLP field
	suiteOfTools	A more or less fixed integrated organisation of tools applied for solving a combination of tasks
	infrastructure	

	architecture	A technology that supports the flexible development of NLP applications, together with all the requested resources
	nlpDevelopmentEnvironment	A technology that supports the development of data resources, like lexicons, grammars, corpora, etc. Can be included in an Architecture or in a Platform
	other	
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><u>mediaType</u></p> <p style="padding-left: 2em;"><i>Status: mandatory</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>resourceType</u></p> <p style="padding-left: 2em;"><i>Status: recommended</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>modalityType</u></p> <p style="padding-left: 2em;"><i>Status: recommended</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>languageName</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>languageId</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>languageVarietyName</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u> mimeType</u></p> <p style="padding-left: 2em;"><i>Status: recommended</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>characterEncoding</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>annotationType</u></p> <p style="padding-left: 2em;"><i>Status: optional</i></p> <p style="padding-left: 2em;"><i>Repeatability: unbounded</i></p> <p><u>annotationFormat</u></p>

	<p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>tagset</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>segmentationLevel</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>conformanceToStandardsBestPractices</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>corpus</td> <td></td> </tr> <tr> <td>lexicalConceptualResource</td> <td></td> </tr> <tr> <td>languageDescription</td> <td></td> </tr> </table>	value	definition	corpus		lexicalConceptualResource		languageDescription	
value	definition								
corpus									
lexicalConceptualResource									
languageDescription									
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><u>mediaType</u></p> <p><i>Status: mandatory</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>resourceType</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>modalityType</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>languageName</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>languageId</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>languageVarietyName</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u> mimeType</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>characterEncoding</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationType</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>annotationFormat</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>tagset</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>segmentationLevel</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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	<p><u>conformanceToStandardsBestPractices</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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8.2.6 toolServiceOperationInfo

definition	Groups together information on the operation of a tool or service
type	component
elements	<p><u>operatingSystem</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>runningEnvironmentInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>runningTime</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>

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> <tr> <td>mac-OS</td> <td></td> </tr> <tr> <td>android</td> <td></td> </tr> <tr> <td>iOS</td> <td></td> </tr> <tr> <td>googleChromeOS</td> <td></td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	os-independent		windows		linux		unix		mac-OS		android		iOS		googleChromeOS		other	
value	definition																				
os-independent																					
windows																					
linux																					
unix																					
mac-OS																					
android																					
iOS																					
googleChromeOS																					
other																					
examples																					

DCLINK	
ISOCatLINK	http://www.isocat.org/datcat/DC-2572

8.2.6.2runningTime

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

8.2.6.3runningEnvironmentInfo

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

requiredSoftware

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

	grammar
type	linked component
component	targetResourceInfo
examples	
DCLINK	
ISOcatLINK	~http://www.isocat.org/datcat/DC-2576

requiredHardware

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

requiredLRs

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	targetResourceInfo
examples	
DCLINK	
ISOcatLINK	

runningEnvironmentDetails

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><u>evaluated</u></p> <p style="padding-left: 20px;"><i>Status: mandatory</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>evaluationLevel</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p><u>evaluationType</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p><u>evaluationCriteria</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p><u>evaluationMeasure</u></p> <p style="padding-left: 20px;"><i>Status: optional</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p><u>evaluationReport</u></p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p> <p><u>evaluationTool</u></p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: unbounded</i></p>

	<p><u>evaluationDetails</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>evaluator</u></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	value definition technological usage impact diagnostic
examples	
DCLINK	
ISOcatLINK	

8.2.7.3 evaluationType

definition	Indicates the evaluation type
type	closed controlled vocabulary

value space	MS-evaluationType
values	value defintion glassBox blackBox
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 extrinsic 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 human 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	documentationInfo
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	targetResourceInfo
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	actorInfo

8.2.8 toolServiceCreateInfo

definition	Groups together information on the creation of a tool or service
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type	component
elements	<p><u>implementationLanguage</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>formalism</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>originalSource</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>creationDetails</u> <i>Status: optional</i> <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>identificationInfo contactPerson versionInfo distributionInfo validationInfo resourceCreationInfo usageInfo metadataInfo resourceDocumentationInfo relationInfo resourceComponentType languageDescriptionInfo</p>

9.2 languageDescriptionInfo

definition	Groups together information on language descriptions (grammars)
type	component
elements	<p>resourceType</p> <p><i>Status: Mandatory with value "languageDescription"</i></p> <p><i>Repeatability: 1</i></p> <p>languageDescriptionType</p> <p><i>Status: Mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>languageDescriptionEncodingInfo</p> <p><i>Status: Mandatory</i></p> <p><i>Repeatability: 1</i></p> <p>languageDescriptionOperationInfo</p> <p><i>Status: Optional</i></p> <p><i>Repeatability: 1</i></p>

	<p><u>languageDescriptionPerformanceInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>languageDescriptionMediaType</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p>
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9.2.1 languageDescriptionType

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

9.2.2 LanguageDescriptionEncodingInfo

definition	Groups together information on the contents of the LanguageDescriptions
type	component
elements	<p><u>encodingLevel</u></p> <p><i>Status: mandatory</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>conformanceToStandardsBestPractices</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>theoreticModel</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>formalism</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>task</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>grammaticalPhenomenaCoverage</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>weightedGrammar</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p>
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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	<table> <tr> <td>value</td> <td>definition</td> <td>ISOcatLINK</td> </tr> <tr> <td>phonetics</td> <td></td> <td></td> </tr> <tr> <td>phonology</td> <td></td> <td></td> </tr> <tr> <td>semantics</td> <td></td> <td></td> </tr> <tr> <td>morphology</td> <td></td> <td></td> </tr> <tr> <td>syntax</td> <td></td> <td>http://www.isocat.org/datcat/DC-2647</td> </tr> <tr> <td>pragmatics</td> <td></td> <td>http://www.isocat.org/datcat/DC-2643</td> </tr> <tr> <td>other</td> <td></td> <td></td> </tr> </table>	value	definition	ISOcatLINK	phonetics			phonology			semantics			morphology			syntax		http://www.isocat.org/datcat/DC-2647	pragmatics		http://www.isocat.org/datcat/DC-2643	other		
value	definition	ISOcatLINK																							
phonetics																									
phonology																									
semantics																									
morphology																									
syntax		http://www.isocat.org/datcat/DC-2647																							
pragmatics		http://www.isocat.org/datcat/DC-2643																							
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	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>anaphoraResolution</td> <td>Value for task; for grammars used for anaphora resolution</td> </tr> <tr> <td>chunking</td> <td>Value for task; for grammars used for chunking (shallow syntactic parsing)</td> </tr> <tr> <td>parsing</td> <td>Value for task; for grammars used for parsing</td> </tr> <tr> <td>npRecognition</td> <td>Value for task; for grammars used for identifying noun phrases</td> </tr> <tr> <td>titlesParsing</td> <td>Value for task; for grammars that are restricted to parsing titles</td> </tr> <tr> <td>definitionsParsing</td> <td>Value for task; for grammars that are restricted to parsing definitions</td> </tr> <tr> <td>analysis</td> <td>Value for task; for grammars used for analysis tasks</td> </tr> <tr> <td>generation</td> <td>Value for task; for grammars used for language generation</td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	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	
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	~ http://www.isocat.org/datcat/DC-2500 (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	<table> <tr> <td>Value</td> <td>definition</td> </tr> <tr> <td>clauseStructure</td> <td>Value for grammaticalPheonomenaCoverage; for</td> </tr> </table>	Value	definition	clauseStructure	Value for grammaticalPheonomenaCoverage; for
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	runningEnvironmentInfo <i>Status: recommended</i> <i>Repeatability: 1</i>

	<p><u>relatedLexiconInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p>
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9.2.3.1 relatedLexiconInfo

definition	Groups together information on requirements for lexica set by the LanguageDescriptions
type	component
elements	<p><u>relatedLexiconType</u></p> <p><i>Status: mandatory</i></p> <p><i>Repeatability: 1</i></p> <p><u>attachedLexiconPosition</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>compatibleLexiconType</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>

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	<table> <tr> <td>Value</td> <td>definition</td> </tr> <tr> <td>included</td> <td>For lexica that are included in the grammar file</td> </tr> <tr> <td>attached</td> <td>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</td> </tr> <tr> <td>compatible</td> <td>For grammars that can use any lexicon as long as they of a compatible type; the element compatibleLexiconType must be used for further specification</td> </tr> <tr> <td>none</td> <td></td> </tr> </table>	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 of a compatible type; the element compatibleLexiconType must be used for further specification	none	
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 of a compatible type; the element compatibleLexiconType must be used for further specification										
none											
examples											

DCLINK	
ISOcatLINK	

attachedLexiconPosition

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

compatibleLexiconType

definition	Type of (external) lexicon that can be used with the grammar										
type	open controlled vocabulary										
value space	MS-compatibleLexiconType										
value	<table> <tr> <td>value</td> <td>definition</td> </tr> <tr> <td>wordnet</td> <td>Value for compatibleLexiconType; to be used for grammars that are compatible with wordnets</td> </tr> <tr> <td>wordlist</td> <td>Value for compatibleLexiconType; to be used for grammars that need wordlists for their operation</td> </tr> <tr> <td>morphologicalLexicon</td> <td>Value for compatibleLexiconType; to be used for grammars that need lexica with morphological information for their operation</td> </tr> <tr> <td>other</td> <td></td> </tr> </table>	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	
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	<p><u>robustness</u></p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>shallowness</u></p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p> <p><u>output</u></p> <p style="padding-left: 20px;"><i>Status: recommended</i></p> <p style="padding-left: 20px;"><i>Repeatability: 1</i></p>
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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	<p><u>languageDescriptionTextInfo</u> <i>Status: mandatory</i> <i>Repeatability: 1</i></p> <p><u>languageDescriptionVideoInfo</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>languageDescriptionImageInfo</u> <i>Status: optional</i> <i>Repeatability: 1</i></p>

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><u>mediaType</u> <i>Status: mandatory, with value "text"</i></p>

	<p><i>Repeatability:</i> 1</p> <p><u>lingualityInfo</u></p> <p><i>Status:</i> mandatory</p> <p><i>Repeatability:</i> 1</p> <p><u>languageInfo</u></p> <p><i>Status:</i> mandatory</p> <p><i>Repeatability:</i> unbounded</p> <p><u>modalityInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> 1</p> <p><u>sizeInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>textFormatInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>characterEncodingInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>domainInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>timeCoverageInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>geographicCoverageInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> unbounded</p> <p><u>creationInfo</u></p> <p><i>Status:</i> recommended</p> <p><i>Repeatability:</i> 1</p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status:</i> optional</p> <p><i>Repeatability:</i> unbounded</p>
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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	<p><u>mediaType</u> <i>Status: mandatory, with value "video"</i> <i>Repeatability: 1</i></p> <p><u>lingualityInfo</u> <i>Status: optional</i> <i>Repeatability: 1</i></p> <p><u>languageInfo</u> <i>Status: optional</i> <i>Repeatability: unbounded</i></p> <p><u>modalityInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>sizeInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>videoContentInfo</u> <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p><u>videoFormatInfo</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>domainInfo</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u> <i>Status: recommended</i> <i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u> <i>Status: recommended</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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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><u>mediaType</u></p> <p><i>Status: mandatory with value “image”</i></p> <p><i>Repeatability: 1</i></p> <p><u>lingualityInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>languageInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>modalityInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizeInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>imageContentInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>imageFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p>

	<p><u>domainInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>creationInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>linkToOtherMediaInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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10 Lexical/conceptual resources

10.1 resourceInfo

definition	Extension of resourceInfo for lexical/conceptual resources
elements	<p>resourceInfo – common components</p> <p>identificationInfo</p> <p>distributionInfo</p> <p>contactPerson</p> <p>metadataInfo</p> <p>versionInfo</p> <p>validationInfo</p> <p>usageInfo</p> <p>resourceDocumentationInfo</p> <p>resourceCreationInfo</p> <p>relationInfo</p> <p>resourceComponentType</p> <p>lexicalConceptualResourceInfo</p>

10.2 lexicalConceptualResourceInfo

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

	<p><i>Status: mandatory</i></p> <p><i>Repeatability: unbounded</i></p>
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10.2.1 lexicalConceptualResourceType

definition	Specifies the subtype of lexicalConceptualResource																						
type	open controlled vocabulary																						
value space	MS-lexicalConceptualResourceType																						
values	<table> <tr> <td>value</td> <td>definition</td> </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> <tr> <td>other</td> <td></td> </tr> </table>	value	definition	wordList		computationalLexicon		ontology		wordnet		thesaurus		framenet		terminologicalResource		machineReadableDictionary		lexicon		other	
value	definition																						
wordList																							
computationalLexicon																							
ontology																							
wordnet																							
thesaurus																							
framenet																							
terminologicalResource																							
machineReadableDictionary																							
lexicon																							
other																							
examples																							
DCLINK																							
ISOcatLINK	http://www.isocat.org/datcat/DC-2487																						

10.2.2 lexicalConceptualResourceEncodingInfo

definition	Groups all information regarding the contents of lexical/conceptual resources
type	component
elements	<p>encodingLevel</p> <p><i>Status: Mandatory</i></p> <p><i>Repeatability: unbounded</i></p> <p>linguisticInformation</p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p>conformanceToStandardsBestPractices</p>

	<p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>theoreticModel</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>externalRef</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>extratextualInformation</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>extratextualInformationUnit</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p>
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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 phonetics phonology semantics morphology syntax pragmatics other
examples	
DCLINK	
ISOcatLINK	

10.2.2.2 linguisticInformation

definition	A more detailed account of the linguistic information contained in the lexicalConceptualResource
type	open controlled vocabulary
value space	MS-linguisticInformation
values	<p>value definition</p> <p>accentuation</p> <p>lemma</p> <p>lemma-MultiWordUnits</p> <p>lemma-Variants</p> <p>lemma-Abbreviations</p> <p>lemma-Compounds</p> <p>lemma-CliticForms</p> <p>partOfSpeech</p> <p>morpho-Case</p> <p>morpho-Gender</p> <p>morpho-Number</p> <p>morpho-Degree</p> <p>morpho-IrregularForms</p> <p>morpho-Mood</p> <p>morpho-Tense</p> <p>morpho-Person</p> <p>morpho-Aspect</p> <p>morpho-Voice</p> <p>morpho-Auxiliary</p> <p>morpho-Inflection</p> <p>morpho-Reflexivity</p> <p>syntax-SubcatFrame</p> <p>semantics-Traits</p> <p>semantics-SemanticClass</p> <p>semantics-CrossReferences</p> <p>semantics-Relations</p> <p>semantics-Relations-Hyponyms</p> <p>semantics-Relations-Hyperonyms</p>

	semantics-Relations-Synonyms semantics-Relations-Antonyms semantics-Relations-Troponyms semantics-Relations-Meronyms usage-Frequency usage-Register usage-Collocations usage-Examples usage-Notes definition/gloss translationEquivalent phonetics-Transcription semantics-Domain semantics-EventType semantics-SemanticRoles statisticalType morpho-Derivation semantics-QualiaStructure syntacticSemanticLinks 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	value definition images videos soundRecordings other
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	value definition word lemma semantics example syntax lexicalUnit other
examples	
DCLINK	
ISOcatLINK	

10.2.3 lexicalConceptualResourceMediaType

definition	Restriction of mediaType for lexicalConceptualResources
type	component
elements	<p>lexicalConceptualResourceTextInfo <i>Status: Mandatory</i> <i>Repeatability: 1</i></p> <p>lexicalConceptualResourceAudioInfo <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>lexicalConceptualResourceVideoInfo <i>Status: optional</i> <i>Repeatability: 1</i></p> <p>lexicalConceptualResourceImageInfo <i>Status: optional</i> <i>Repeatability: 1</i></p>

10.2.3.1 lexicalConceptualResourceTextInfo

definition	Groups information on the textual part of the lexical/conceptual resource
type	component
elements	<p>mediaType <i>Status: Mandatory with value "text"</i> <i>Repeatability: 1</i></p> <p>lingualityInfo <i>Status: Mandatory</i> <i>Repeatability: 1</i></p> <p>languageInfo <i>Status: Mandatory</i> <i>Repeatability: unbounded</i></p> <p>modalityInfo <i>Status: recommended</i> <i>Repeatability: 1</i></p> <p>sizeInfo <i>Status: Mandatory</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>textFormatInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>characterEncodingInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p>
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10.2.3.2 lexicalConceptualResourceAudioInfo

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

	<p><i>Repeatability: unbounded</i></p> <p><u>audioContentInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>audioFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p>
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10.2.3.3 lexicalConceptualResourceVideoInfo

definition	Groups information on the video part of the lexical conceptual resource
type	component
elements	<p><u>mediaType</u></p> <p><i>Status: Mandatory with value "video"</i></p> <p><i>Repeatability: 1</i></p> <p><u>lingualityInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: 1</i></p> <p><u>languageInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>modalityInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>sizeInfo</u></p> <p><i>Status: recommended</i></p>

	<p><i>Repeatability: unbounded</i></p> <p><u>videoContentInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>videoFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: Optional</i></p> <p><i>Repeatability: unbounded</i></p>
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10.2.3.4 lexicalConceptualResourceImageInfo

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

	<p><i>Repeatability: unbounded</i></p> <p><u>imageContentInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: 1</i></p> <p><u>imageFormatInfo</u></p> <p><i>Status: recommended</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>domainInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>timeCoverageInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p> <p><u>geographicCoverageInfo</u></p> <p><i>Status: optional</i></p> <p><i>Repeatability: unbounded</i></p>
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AppendixI - Bibliography

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