Dublin Core Metadata Initiative
Making it easier to find information

Library Application Profile

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Description of Document:	This document proposes a possible application profile that clarifies the use of the Dublin Core Metadata Element Set in libraries and library-related applications and projects. It was originally prepared by the DCMI-Libraries Application Profile drafting committee, a subset of the DCMI-Libraries Working Group.
	This revision was prepared in August 2004 and incorporates decisions made by the DCMI Usage Board at its meetings in 2003 and issues discussed in the WG meeting in Seattle in September 2003. It has been reformatted in conformance with the Dublin Core Application Profile Guidelines produced by the CEN MMI-DC Workshop.

DC-Library Application Profile (DC-Lib)

I. Introduction

The concept of *application profiles* (see Application profiles: mixing and matching metadata schemas) has emerged within the Dublin Core Metadata Initiative as a way to declare which elements from which namespaces are used in a particular application or project. Application profiles are defined as schemas which consist of data elements drawn from one or more namespaces, combined together by implementors, and optimised for a particular local application.

The DCMI-Libraries Working Group has explored various uses of the Dublin Core Metadata Element Set in library and related applications and has envisioned the following possible uses:

- to serve as an interchange format between various systems using different metadata standards/formats
- to use for harvesting metadata from data sources within and outside of the library domain
- to support simple creation of library catalog records for resources within a variety of systems
- to expose MARC data to other communities (through a conversion to DC)
- to allow for acquiring resource discovery metadata from non-library creators using DC

A *library application profile* will be a specification that defines the following:

- required elements
- permitted Dublin Core elements
- permitted Dublin Core qualifiers
- permitted schemes and values (e.g. use of a specific controlled vocabulary or encoding scheme)
- library domain elements used from another namespace

- additional elements/qualifiers from other application profiles that may be used (e.g. DC-Education: Audience)
- refinement of standard definitions

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2. Namespaces and Format of entries

The DC-Library Application Profile uses terms from two namespaces:

- DCMI Metadata Terms [http://dublincore.org/documents/dcmi-terms/]
- MODS elements used in DC-Lib application profile [http://www.loc.gov/mods]
- The Usage Board has decided that any encoding scheme that has a URI defined in a non-DCMI namespace may be used. DCMI will not define these. Those so far considered for this application profile are indicated.

Format of entries:

This Application Profile is presented following the "Dublin Core Application Profiles Guidelines" produced by the CEN MMI-DC Workshop.

Name of Term	A unique token assigned to the term
Term URI	A Uniform Resource Identifier used to identify the term.
Label	A human-readable label assigned to the term.
Defined By	An identifier of a namespace, pointer to a schema, or bibliographic reference for a document within which the term is defined.
Source Definition	The definition of the term in the namespace in which the term was orginated.
DC-Lib Definition	The DC-Lib definition of the term.
Source Comments	Comments on the term from the namespace in which the term orginated.
DC-Lib Comments	DC-Lib comments about the term.
Type of term	The grammatical category of the term (e.g. "Element", "Element Refinement", or "Encoding Scheme").
Refines	The described term semantically refines the referenced term. A refinement makes the meaning of the element narrower or more specific. It will share the meaning of the unrefined element but with a more restricted scope.
Refined By	The described term is semantically refined by the referenced term.
Encoding Scheme For	The described term, an encoding scheme, qualifies the referenced term. Using an encoding scheme will aid in the interpretation of an element value. These schemes include controlled vocabularies and formal notations or parsing rules. A value expressed using an encoding scheme will thus be a token selected from a controlled vocabulary (e.g., a term from a classification system or set of subject headings) or a string formatted in accordance with a formal notation (e.g., "2000-01-01" as the standard expression of a date). If an encoding scheme is not understood by a client or agent, the value may still be useful to a human reader. In some cases, encoding schemes not yet registered are indicated. These will be registered and/or approved by the DCMI Usage Board as DC Encoding Schemes in the future.
Has Encoding Scheme	The described term is qualified by the referenced encoding scheme.
Obligation	Indicates whether the element is required to always or sometimes be present. In this application profile the obligation can be: mandatory (**M**), mandatory if applicable (**MA**), strongly recommended (**R**) or optional (**O**). Mandatory ensures that some of the elements are always supported and mandatory if applicable means that this element must be supported if the information is available. An element with a mandatory obligation must have a value. The strongly recommended and the optional elements should be filled with a value if the information is appropriate to the given resource but if not, they may be omitted.
Occurence	Indicates any limit to the repeatability of the element.

3. Table of Contents

General notes, open questions regarding all/some elements, …

- Title
- Alternative
- Creator
- Contributor
- Publisher
- Subject
- Description
- Abstract
- Date
- Created
- Valid
- Available
- Issued
- Modified
- DateCopyrighted
- DateSubmitted
- DateAccepted
- DateCaptured
- Type
- Format
- Extent
- Medium
- Identifier
- BibliographicCitation
- Source
- Language
- Relation
- IsVersionOf
- IsFormatOf
- HasFormat
- IsReplacedBy
- Replaces
- IsPartOf
- HasPart
- Requires
- IsReferencedBy
- References
- Coverage
- Spatial
- Temporal
- Rights
- Audience
- Edition
- Location

Encoding Schemes:

- Box
- DCMIType
- DDC
- DOI
- IMT
- ISBN
- ISO3166
- ISO639-2
- ISO8601
- ISSN
- LCC
- LCSH
- MESH
- Period
- Point
- RFC3066
- SICI
- TGN
- UDC
- URI
- W3CDTF

General notes regarding all elements:

- Either a Title or Identifier are mandatory (Identifier is mandatory if applicable).
- If the record is expressed in a format (e.g., HTML) that allows each element/qualifier/scheme value to be assigned a language attribute (e.g., the HTML tag lang="en"), the use of the attribute is permitted for any or all DC elements as desired.
- All elements may be used as unqualified. If using qualified Dublin Core, additional guidelines are given.
- Any encoding scheme that has a URI defined in a non-DCMI namespace may be used: DCMI will not define these. A mechanism to register these is awaited. Where applicable a table has been created for each encoding scheme in a separate section following the main body of tables for elements and refinements.

4. DC-Library Application Profile

Name of Term	title
Term URI	http://purl.org/dc/elements/1.1/title
Label	Title
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A name given to the resource
DC-Lib Definition	-
Source Comments	Typically, a title will be a name by which the resource is formally known.
DC-Lib Comments	A parallel/transliterated title is considered a main title, i.e. the Title element is repeated. Either a title or identifier is mandatory. If no title is available, best practice is to give a constructed title, derive a title from the resource or supply *[no title]*. If using qualified Dublin Core, an element refinement for titles other than the main title(s) should be included. Retain initial articles and use local sorting algorithms based on language. A language qualifier may be used to indicate language of title if appropriate. (For example, see: Initial Definite and Indefinite Articles for a list of articles in various languages).
Type of term	element
Refines	
Refined By	alternative
Has Encoding Scheme	
Obligation	M
Occurence	

Name of Term	alternative
Term URI	http://purl.org/dc/terms/alternative
Label	Alternative
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Any form of the title used as a substitute or alternative to the formal title of the resource.
DC-Lib Definition	-
Source Comments	This qualifier can include Title abbreviations as well as translations.

DC-Lib Comments	Assigned title such as uniform or key title is Alternative.
	Best practice is to use this element refinement for titles other than the main title.
	Retain initial articles and use local sorting algorithms based on language. A language qualifier may be used to indicate language of title if appropriate. (For example, see: Initial Definite and Indefinite Articles for a list of articles in various languages)
Type of term	element refinement
Refines	title
Refined By	
Has Encoding Scheme	
Obligation	**R**
Occurence	

Back to TOC

Name of Term	**creator**
Term URI	http://purl.org/dc/elements/1.1/creator
Label	Creator
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	An entity primarily responsible for making the content of the resource.
DC-Lib Definition	An entity with a primary role in the creation of the intellectual or artistic content of the resource.
Source Comments	Examples of a Creator include a person, an organisation, or a service. Typically, the name of a Creator should be used to indicate the entity.
DC-Lib Comments	This term should not be refined with a role. A subset of terms taken from the Library of Congress list of Relators have been approved as role refinements for Contributor (http://www.loc.gov/marc/sourcecode/relator/relatorlist.html). URIs will be provided when available. The DCMI Usage Board has disapproved the idea of structured values to provide more information about the creator - it should be in a description for another resource.
	Creator and Contributor may be conflated with Creator being used as a refinement of Contributor.
Type of term	element
Refines	

Refined By	
Has Encoding Scheme	
Obligation	**O**
Occurence	

Name of Term	**contributor**
Term URI	http://purl.org/dc/elements/1.1/contributor
Label	Contributor
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	An entity responsible for making contributions to the content of the resource.
DC-Lib Definition	-
Source Comments	Examples of a Contributor include a person, an organisation, or a service. Typically, the name of a Contributor should be used to indicate the entity.
DC-Lib Comments	A subset of terms taken from the Library of Congress list of Relators have been approved as role refinements for Contributor (http://www.loc.gov/marc/sourcecode/relator/relatorlist.html). URIs will be provided when available. The DCMI Usage Board has disapproved the idea of structured values to provide more information about a contributor - it should be in a description for another resource. Creator and Contributor may be conflated with Creator being used as a refinement of Contributor.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	Role list (http://www.loc.gov/...)
Obligation	**MA**
Occurence	

Name of Term	**publisher**
Term URI	http://purl.org/dc/elements/1.1/publisher
Label	Publisher
Defined By	http://dublincore.org/documents/dcmi-terms/

Source Definition	An entity responsible for making the resource available.
DC-Lib Definition	
Source Comments	Examples of a Publisher include a person, an organisation, or a service. Typically, the name of a Publisher should be used to indicate the entity.
DC-Lib Comments	A subset of terms taken from the Library of Congress list of Relators has been approved for use as role refinements of Publisher if applicable (http://www.loc.gov/marc/sourcecode/relator/relatorlist.html). URIs will be provided when available. The DCMI Usage Board has disapproved the idea of structured values to provide more information about the publisher - it should be in a description for another resource.

Although some applications may wish to conflate Creator, Contributor and Publisher, DC-Lib maintains the distinction between Creator and Contributor (which may be conflated) and Publisher. If the elements are conflated and Publisher used as an element refinement for Contributor, the resulting element would be mapped to DC.Publisher. |
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	Role list (http://www.loc.gov/…)
Obligation	O
Occurence	

Name of Term	**subject**
Term URI	http://purl.org/dc/elements/1.1/subject
Label	Subject
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The topic of the content of the resource.
DC-Lib Definition	
Source Comments	Typically, a Subject will be expressed as keywords, key phrases or classification codes that describe a topic of the resource. Recommended best practice is to select a value from a controlled vocabulary or formal classification scheme.
DC-Lib Comments	If a geographic or temporal aspect is recorded use the element Coverage. It may also be repeated in Subject if desired. If there is a subject string with elements in addition to a geographic, include the entire string in Subject with geographic element also in Coverage. It is highly recommended that either freetext or controlled vocabulary be supplied as element Subject in the metadata where appropriate and feasible. It is also recommended that a controlled vocabulary be used with encoding scheme specified. If no encoding scheme is specified, it is treated as keyword. If using qualified DC, always use the encoding scheme(s) for terms from a controlled vocabulary.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	Library of Congress Subject Headings - http://purl.org/dc/terms/LCSH Medical Subject Headings - http://purl.org/dc/terms/MESH Dewey Decimal Classification - http://purl.org/dc/terms/DDC Library of Congress Classification - http://purl.org/dc/terms/LCC Universal Dewey Classification - http://purl.org/dc/terms/UDC These are encoding schemes currently defined by DCMI. As additional schemes are registered, they will be included. Additional encoding schemes will be registered for those used in the library domain based on the MARC list of subject and classification schemes. Including an identifier to link to a registry where all encoding schemes are defined (e.g. based on RSLP schema) needs to be explored.
Obligation	**MA**
Occurence	

Name of Term	description
Term URI	http://purl.org/dc/elements/1.1/description
Label	Description
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	An account of the content of the resource.
DC-Lib Definition	
Source Comments	Description may include but is not limited to: an abstract, table of contents, reference to a graphical representation of content or a free-text account of the content.
DC-Lib Comments	It is permitted to link one or more external descriptions using a URI, but to facilitate keyword indexing of the content of the description, it is recommended that a text description also be included.
Type of term	element
Refines	
Refined By	Abstract, tableOfContents
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
Obligation	**R**
Occurence	

Name of Term	abstract
Term URI	http://purl.org/dc/terms/abstract
Label	Abstract
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	An account of the content of the resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Use text (and not only a URL) to describe the resource.
Type of term	element refinement
Refines	Description
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
Obligation	R
Occurence	

Name of Term	tableOfContents
Term URI	http://purl.org/dc/terms/tableOfContents
Label	Table Of Contents
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A list of subunits of the content of the resource
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Use text (and not only a URL) to describe the resource.
Type of term	element refinement
Refines	Description
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
Obligation	R
Occurence	

Back to TOC

Name of Term	date
Term URI	http://purl.org/dc/elements/1.1/date
Label	Date
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A date associated with an event in the life cycle of the resource.
DC-Lib Definition	
Source Comments	Typically, date will be associated with the creation or availability of the resource. Recommended best practice for encoding the date value is defined in a profile of ISO 8601 [W3CDTF] and follows the YYYY-MM-DD format.
DC-Lib Comments	Recommend use of an element refinement for type of Date. Recommend that dates be encoded: 1) using W3C-DTF (a profile of ISO 8601 structured with hyphens), 2) using ISO 8601 (structured without hyphens), or 3) supplied as free text that does not take the form of a string of numerals (with or without hyphens). The second option, ISO 8601 (without hyphens), is preferred. It is acceptable to use widely-recognised practice such as day-month-year where the day and year are represented with numerals and month with a name or standard abbreviation (e.g., "1 January 2002" or "1 Jan 2002"). Avoid the use of potentially ambiguous date representations such as DD/MM/YY or MM/DD/YY (e.g., "04/05/05") It may be desirable to establish a DC-Lib encoding scheme or profile of ISO 8601 to cover B.C.E. dates, questionable and approximate dates. A date working group has been established to progress these issues.
Type of term	element
Refines	
Refined By	Created, Valid, Available, Issued, Modified
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	**MA**
Occurence	

Name of Term	created
Term URI	http://purl.org/dc/terms/created
Label	Created
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date of creation of the resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Use for the creation of the intellectual content.
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	**MA**
Occurence	This qualified element should not be repeated except when giving date created using more than one encoding scheme.

Name of Term	valid
Term URI	http://purl.org/dc/terms/valid
Label	Valid
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date (often a range) of validity of the resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O
Occurence	

Name of Term	available
Term URI	http://purl.org/dc/terms/available
Label	Available
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date (often a range) that the resource will become or did become available.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O

Occurence	

Name of Term	**issued**
Term URI	http://purl.org/dc/terms/issued
Label	Issued
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date of formal issurance (e.g. publication) of the resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Use for the instantiation.
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	**MA**
Occurence	

Name of Term	modified
Term URI	http://purl.org/dc/terms/modified
Label	Modified
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date on which resource was changed.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O
Occurence	

Name of Term	dateCopyrighted
Term URI	http://purl.org/dc/terms/dateCopyrighted
Label	Date Copyrighted
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date of copyright statement.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Decision by DCMI Usage Board May 2002. Recommend use if: 1) the value is different from Issued or Created, or 2) the copyright date is known but no value is supplied for Issued or Created. If same date is used for issued and copyright date, use only Issued.
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601

	W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O
Occurence	

Name of Term	**dateSubmitted**
Term URI	http://purl.org/dc/terms/dateSubmitted
Label	Date Submitted
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date of submission of the resource (e.g. thesis, articles, etc.).
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Decision by DCMI Usage Board in May 2002. Recommended for theses and dissertations.
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601 W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O
Occurence	

Name of Term	**dateAccepted**
Term URI	http://purl.org/dc/terms/dateAccepted
Label	Date Accepted
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Date of acceptance of the resource (e.g. of thesis by university department/institution, of article by journal, etc.).
DC-Lib Definition	
Source Comments	

DC-Lib Comments	Decision by DCMI Usage Board in May 2002.
	Recommended for theses and dissertations.
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601
	W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O
Occurence	

Name of Term	dateCaptured
Term URI	http://www.loc.gov/mods/
Label	Date Captured
Defined By	
Source Definition	
DC-Lib Definition	Date that the resource was captured.
Source Comments	
DC-Lib Comments	This includes the date that a snapshot of the resource was taken (particularly for dynamic resources) if different from Date.Created.
	Use existing element <dateCaptured> under <publicationInfo> in the Metadata Object Description Schema.
	Decision by DCMI Usage Board in May 2002.
	Best practice is to use as a machine-processible date (ISO 8601 without hyphens or W3CDTF with hyphens).
Type of term	element refinement
Refines	Date
Refined By	
Has Encoding Scheme	ISO 8601(without hyphens) - http://purl.org/dc/terms/ISO8601
	W3C-DTF (with hyphens) - http://purl.org/dc/terms/W3CDTF
Obligation	O

Occurence	

Name of Term	**type**
Term URI	http://purl.org/dc/elements/1.1/type
Label	Resource Type
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The nature or genre of the content of the resource.
DC-Lib Definition	
Source Comments	Type includes terms describing general categories, functions, genres, or aggregation levels for content. Recommended best practice is to select a value from a controlled vocabulary (for example, the list of DCMI Types). To describe the physical or digital manifestation of the resource, use the Format element.
DC-Lib Comments	Use a controlled list and identify the source with encoding scheme. Recommended that at least one value from DCMI-Type be supplied for a high level category. Use a controlled list and identify the source with encoding scheme. Consider registering values defined in the MARC list of sources as encoding schemes as well as any others that are identified as useful.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	DCMIType - http://purl.org/dc/dcmitype/ The DCMI Type Vocabulary is a list of types used to categorize the nature or genre of the content of the resource. See also http://dublincore.org/documents/dcmi-type-vocabulary/ Values from MARC list of sources to be registered as encoding schemes Art & Architecture thesaurus - http://www.loc.gov/marc/source/aat Thesaurus for graphic materials - http://www.loc.gov/marc/source/gmgpc (Note: These URIs established by LOC are subject to confirmation).
Obligation	**O**
Occurence	Type may be repeated for each encoding scheme used.

Name of Term	**format**
Term URI	http://purl.org/dc/elements/1.1/format
Label	Format
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The physical or digital manifestation of the resource.
DC-Lib Definition	
Source Comments	Typically, Format may include the media-type or dimensions of the resource. Format may be used to determine the software, hardware or other equipment needed to display or operate the resource. Examples of dimensions include size and duration. Recommended best practice is to select a value from a controlled vocabulary (for example, the list of Internet Media Types [MIME] defining computer media formats).
DC-Lib Comments	Use this element primarily for IMT. Recommended for electronic resources.
Type of term	element
Refines	
Refined By	Extent, Medium
Has Encoding Scheme	IMT - http://purl.org/dc/terms/IMT The Internet media type of the resource. See also: http://www.isi.edu/in-notes/iana/assignments/media-types/media-types
Obligation	**R**
Occurence	

Name of Term	extent
Term URI	http://purl.org/dc/terms/extent
Label	Extent
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The size or duration of the resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	
Type of term	element refinement
Refines	Format
Refined By	
Has Encoding Scheme	
Similar to	
Obligation	O
Datatype	
Occurence	

Name of Term	**medium**
Term URI	http://purl.org/dc/terms/medium
Label	Medium
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The material or physical carrier of the resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Used to specify the medium of the physical carrier of a resource. Format without an element refinement qualifier should be used to specify the electronic format of the resource, using the encoding scheme IMT. Format should be repeated if both are applicable (e.g. a PDF file on CD).
Type of term	element refinement
Refines	Format
Refined By	
Has Encoding Scheme	IMT - http://purl.org/dc/terms/IMT The Internet media type of the resource. See also: http://www.isi.edu/in-notes/iana/assignments/media-types/media-types
Obligation	**O**
Occurence	

Name of Term	**identifier**
Term URI	http://purl.org/dc/elements/1.1/identifier
Label	Identifier
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	An unambiguous reference to the resource within a given context.
DC-Lib Definition	
Source Comments	Recommended best practice is to identify the resource by means of a string or number conforming to a formal identification system. Example of formal identification systems include the Uniform Resource Identifier (URI) (including the Uniform Resource Locator (URL)), the Digital Object Identifier (DOI) and the International Standard Book Number (ISBN).

DC-Lib Comments	*Standard identifier*: Provide at least one standard identifier from a standard scheme (e.g., URL, ISBN, etc.) if one or more standard identifiers have been assigned to the resource and are known to the metadata agency.
	Unique-resource identifier: Provide applicable identifiers assigned to one-of-a-kind resources (such as accession numbers assigned to items in a museum collection) if one or more of this class of identifiers have been assigned to the resource and are known to the metadata agency. If the structure of the identifier (e.g., all numerals) is potentially ambiguous it is recommended that the associated agencies' name be included as part of the identifier element.
	Citation: Provide a citation if no standard identifier is assigned and a formal citation is a common means of identifying the resource being described (e.g., a journal article).
	Use the element Identifier on a more abstract level; identifier for local library holdings like call number could be put into the DC-Lib element Location.
	(OpenURL may be registered as an encoding scheme).
Type of term	element
Refines	
Refined By	bibliographicCitation
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
	If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes, URIs will be provided when available.
	Note: SICI and DOI may be registered as "info" URI schemes.
Obligation	**MA**
Occurence	

Name of Term	**bibliographicCitation**
Term URI	http://purl.org/dc/terms/bibliographicCitation
Label	Bibliographic Citation
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A bibliographic reference for the resource.
DC-Lib Definition	Bibliographic citation information for a journal article, or similar bibliographic resource

Source Comments	Recommended practice is to include sufficient bibliographic detail to identify the resource as unambiguously as possible, whether or not the citation is in a standard form.
DC-Lib Comments	A draft version of "Guidelines for encoding bibliographic citations in DC metadata" can be found at http://epub.mimas.ac.uk/DC/dc-citation-guidelines/.
Type of term	element refinement
Refines	identifier
Refined By	
Has Encoding Scheme	
Obligation	O
Occurence	

Back to TOC

Name of Term	**source**
Term URI	http://purl.org/dc/elements/1.1/source
Label	Source
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A Reference to a resource from which the present resource is derived.
DC-Lib Definition	
Source Comments	The present resource may be derived from the Source resource in whole or in part. Recommended best practice is to reference the Source resource by means of a string or number conforming to a formal identification system.
DC-Lib Comments	A constructed or derived ID of a local nature may be supplied, including a specification of the supplying organisation, in the absence of a globally unique one. Use only when the described resource is the result of digitization of non-digital originals. Otherwise, use Relation.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). URI will be provided when available.

	In the absence of a globally unique Identifier, a constructed or derived one of a local nature can be supplied, including a specification of the supplying organisation. (Consider registering OpenURL as an encoding scheme).
Obligation	**O**
Occurence	

Name of Term	**language**
Term URI	http://purl.org/dc/elements/1.1/language
Label	Language
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A language of the intellectual content of the resource.
DC-Lib Definition	
Source Comments	Recommended best practice is to use RFC 3066 [RFC3066], which, in conjunction with ISO 639 [ISO639], defines two- and three-letter primary language tags with optional subtags. Examples include "en" or "eng" for English, "akk" for Akkadian, and "en-GB" for English used in the United Kingdom
DC-Lib Comments	Language code may be used as a value for the Language qualifier to any DCMES element. Recommend codes rather than text, taken from ISO 639-2 bibliographic codes. Mandatory if applicable means if there is any spoken or written text, supply.
Type of term	element
Refines	
Refined By	

Has Encoding Scheme	ISO639-2 - DCMI approved encoding scheme. Use of the ISO 639-2 bibliographic code is preferred. A mapping is available at http://lcweb.loc.gov/standards/iso639-2/englangn.html.
	RFC 1766 - This scheme has been replaced by RFC 3066, which allows for a code from ISO 639-2 when there is no corresponding ISO 639-1 code. RFC 3066 is being registered as a DCMI approved scheme.
	RFC 3066 - Internet RFC 3066 'Tags for the Identification of Languages' specifies a primary subtag which is a two-letter code taken from ISO 639 part 1 or a three-letter code taken from ISO 639 part 2, followed optionally by a two-letter country code taken from ISO 3166. When a language in ISO 639 has both a two-letter and three-letter code, use the two-letter code; when it has only a three-letter code, use the three-letter code. This RFC replaces RFC 1766.
Obligation	**MA** (ISO 639-2), **O** (RFC 1766, RFC 3066)
Occurence	

Name of Term	**relation**
Term URI	http://purl.org/dc/elements/1.1/relation
Label	Relation
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A reference to a related resource.
DC-Lib Definition	
Source Comments	Recommended best practice is to reference the resource by means of a string or number conforming to a formal identification system.
DC-Lib Comments	Relation without qualifier is optional; where it is qualified the recommendation for the qualifier should be followed.
	If using qualifiers, use the most specific one that is applicable.
	When no Identifier is available, a bibliographic description may be constructed. Future work will involve developing guidelines.
	Recommended use with qualifiers in certain situations: - When documents in hand are parts of "host documents" (e.g. journal, monographic series) and when there is no citation information in DC identifier. - When documents in hand are revisions or reformatted issues of earlier publications and information on these are readily available.
	OpenURL may be registered as an encoding scheme.
Type of term	element
Refines	
Refined By	isVersionOf, isFormatOf, hasFormat, isReplacedBy, Replaces, isPartOf, hasPart, Requires, isReferencedBy, References

Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
	If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	O
Occurence	

Name of Term	isVersionOf
Term URI	http://purl.org/dc/terms/isVersionOf
Label	Is Version Of
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource is a version, edition, or adaptation of the referenced resource. Changes in version implies substantive changes in content rather than differences in format.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Do not include qualifier HasVersion, since this implies that it is clear which came first. Future work includes possibly identifying a need for HasVersion.
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
	If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	R
Occurence	

Name of Term	isFormatOf
Term URI	http://purl.org/dc/terms/isFormatOf

Label	Is Format Of
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource is the same intellectual content of the referenced resource, but presented in another format.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Use when there are alternative formats and it is not clear which preceded the other.
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	**R**
Occurence	

Name of Term	**hasFormat**
Term URI	http://purl.org/dc/terms/hasFormat
Label	Has Format
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource pre-existed the referenced resource, which is essentially the same intellectual content presented in another format.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Use only when the described resource references alternative physical formats. Example is the metadata for a home page for a dissertation that references that dissertation in various alternative formats (e.g. PDF, Postscript, etc.)
Type of term	element refinement
Refines	Relation

Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI

If not expressed by URI - <u>SICI</u> (Serial Item and Contribution Identifier), <u>ISBN</u> (International Standard Book Number), <u>ISSN</u> (International Standard Serial Number), <u>DOI</u> (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/ |
| **Obligation** | **R** |
| **Occurence** | |

Name of Term	**isReplacedBy**
Term URI	http://purl.org/dc/terms/isReplacedBy
Label	Is Replaced By
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource is supplanted, displaced, or superceded by the referenced resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Used for succeeding version.
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI

If not expressed by URI - <u>SICI</u> (Serial Item and Contribution Identifier), <u>ISBN</u> (International Standard Book Number), <u>ISSN</u> (International Standard Serial Number), <u>DOI</u> (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/ |
| **Obligation** | **O** |
| **Occurence** | |

Name of Term	**replaces**
Term URI	http://purl.org/dc/terms/replaces
Label	Replaces

Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource supplants, displaces, or supersedes the referenced resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Used for preceding version.
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	**O**
Occurence	

Name of Term	**isPartOf**
Term URI	http://purl.org/dc/terms/isPartOf
Label	Is Part Of
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource is a physical or logical part of the referenced resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	Recommended use when documents in hand are parts of "host documents" (e.g. journal, monographic series) and when there is no citation information in DC identifier (if used by Citation WG).
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	R
Occurence	

Name of Term	**hasPart**
Term URI	http://purl.org/dc/terms/hasPart
Label	Has Part
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource includes the referenced resource either physically or logically.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	**O**
Occurence	

Name of Term	requires
Term URI	http://purl.org/dc/terms/requires
Label	Requires
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource requires the referenced resource to support its function, delivery, or coherence of content.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - SICI (Serial Item and Contribution Identifier), ISBN (International Standard Book Number), ISSN (International Standard Serial Number), DOI (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	**R**
Occurence	

Name of Term	isReferencedBy
Term URI	http://purl.org/dc/terms/isReferencedBy
Label	Is Referenced By
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource is referenced, cited, or otherwise pointed to by the referenced resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	May be of limited use in terms of later resources referencing the initial resource, but may be useful to link to a major review or assessing essay.
Type of term	element refinement
Refines	Relation

Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - <u>SICI</u> (Serial Item and Contribution Identifier), <u>ISBN</u> (International Standard Book Number), <u>ISSN</u> (International Standard Serial Number), <u>DOI</u> (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	O
Occurence	

Name of Term	**references**
Term URI	http://purl.org/dc/terms/references
Label	References
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The described resource references, cites, or otherwise points to the referenced resource.
DC-Lib Definition	
Source Comments	
DC-Lib Comments	May be of limited use except for other resources that are far reaching or thorough criticisms. Not appropriate, for example, to include all references from the bibliography of the described resource in repeated Relation. References tags
Type of term	element refinement
Refines	Relation
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI If not expressed by URI - <u>SICI</u> (Serial Item and Contribution Identifier), <u>ISBN</u> (International Standard Book Number), <u>ISSN</u> (International Standard Serial Number), <u>DOI</u> (Digital Object Identifier). To be registered as encoding schemes (these may also be expressed as URIs). http://dublincore.org/usage/terms/dc/current-schemes/
Obligation	O
Occurence	

Name of Term	**coverage**

Term URI	http://purl.org/dc/elements/1.1/coverage
Label	Coverage
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	The extent or scope of the content of the resource
DC-Lib Definition	
Source Comments	Coverage will typically include spatial location (a place name or geographic coordinates), temporal period (a period label, date, or date range) or jurisdiction (such as a named administrative entity). Recommended best practice is to select a value from a controlled vocabulary (for example, the Thesaurus of Geographic Names [TGN]) and that, where appropriate, named places or time periods be used in preference to numeric identifiers such as sets of coordinates or date ranges.
DC-Lib Comments	Use Coverage with qualifier Spatial or Temporal; use of unqualified Coverage is discouraged in qualified DC.
Type of term	element
Refines	
Refined By	Spatial, Temporal
Has Encoding Scheme	See Source Comments above.
Obligation	O
Occurence	

Name of Term	spatial
Term URI	http://purl.org/dc/terms/spatial
Label	Spatial
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Spatial characteristics of the intellectual content of the resource.
DC-Lib Definition	
Source Comments	Coverage will typically include spatial location (a place name or geographic coordinates), temporal period (a period label, date, or date range) or jurisdiction (such as a named administrative entity).

Recommended best practice is to select a value from a controlled vocabulary (for example, the Thesaurus of Geographic Names [TGN]) and that, where appropriate, named places or time periods be used in preference to numeric identifiers such as sets of coordinates or date ranges. |

DC-Lib Comments	Use this element for geographic coverage. The value of this element may also be included in Subject if desired. There is a need to evaluate DCMI Box and DCMI Point as for their usefulness for libraries and how they relate to current library practices for recording cartographic data.
Type of term	element refinement
Refines	Coverage
Refined By	
Has Encoding Scheme	DCMI Point - http://purl.org/dc/terms/Point ISO 3166 - http://purl.org/dc/terms/ISO3166 DCMI Box - http://purl.org/dc/terms/Box TGN - http://purl.org/dc/terms/TGN Use Library of Congress URI for MARC Geographic Area Codes, MARC Country Codes e.g. http://www.loc.gov/MARC.GAC
Obligation	**MA**
Occurence	

Name of Term	temporal
Term URI	http://purl.org/dc/terms/temporal
Label	Temporal
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Temporal characteristics of the intellectual content of the resource.
DC-Lib Definition	
Source Comments	Coverage will typically include temporal period. Recommended best practice is to select a value from a controlled vocabulary.
DC-Lib Comments	The value of this element may also be included in Subject if desired. Prefer standard representation of date/time values in both DC.Date and dc.coverage.temporal, although textual descriptions may also be used.
Type of term	element refinement
Refines	Coverage
Refined By	
Has Encoding Scheme	DCMI Period - http://purl.org/dc/terms/Period W3C-DTF - http://purl.org/dc/terms/W3CDTF
Obligation	**MA**
Occurence	

Name of Term	rights
Term URI	http://purl.org/dc/elements/1.1/rights
Label	Rights
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	Information about rights held in and over the resource.
DC-Lib Definition	
Source Comments	Typically, a Rights element will contain a rights management statement for the resource, or reference a service providing such information. Rights information often encompasses Intellectual Property Rights (IPR), Copyright, and various Property Rights. If the Rights element is absent, no assumptions can be made about the status of these and other rights with respect to the resource.
DC-Lib Comments	Need to determine how to use for library applications; there is ongoing discussion on rights metadata in various applications.

Type of term	element
Refines	
Refined By	
Has Encoding Scheme	URI - http://purl.org/dc/terms/URI
Obligation	**R if applicable (if there are encumbrances)**
Occurence	

Back to TOC

Name of Term	**audience**
Term URI	http://purl.org/dc/terms/audience
Label	Audience
Defined By	http://dublincore.org/documents/dcmi-terms/
Source Definition	A class of entity for whom the resource is intended or useful.
DC-Lib Definition	
Source Comments	A class of entity may be determined by the creator or the publisher or by a third party.
DC-Lib Comments	Approved by DCMI Usage Board October 2001. Need to evaluate whether any refinements or encoding scheme(s) are appropriate for DC-Lib use. MARC target audience codes may be considered.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	See DC-Lib comment
Obligation	**O**
Occurence	

Back to TOC

Name of Term	**edition**
Term URI	http://www.loc.gov/mods
Label	Edition
Defined By	

Source Definition	
DC-Lib Definition	Information designating the version or edition of a work.
Source Comments	
DC-Lib Comments	Being able to specify the version or edition of a given work is often critical to successful resource discovery and identification to determine whether a resource is the same as another one. This is particularly important for resources that change frequently. This is not to be used for versions in the sense of different physical formats (e.g. the PDF version of a textual resource). Use existing element <edition> under <publicationInfo> in the Metadata Object Description Schema Decision by DCMI Usage Board in May 2002. This element will generally not be repeated. Element should be included if necessary for identification.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	
Obligation	**R**
Occurence	

Name of Term	**location**
Term URI	http://www.loc.gov/mods
Label	Location
Defined By	
Source Definition	
DC-Lib Definition	Identifies the organization holding the resource or from which access is obtained.
Source Comments	

DC-Lib Comments	Use for a physical location that allows the user to retrieve the item when a URI is not appropriate (e.g. for physical items not available electronically). This also facilitates access if the URI doesn't retrieve anything or only a poor substitute. Can also contain further identification within a location such as call number, accession number. Use existing element <location> in the Metadata Object Description Schema Decision by DCMI Usage Board in May 2002.
Type of term	element
Refines	
Refined By	
Has Encoding Scheme	MARC Code list for Organizations - http://www.loc.gov/marc/organizations/ Need to evaluate other encoding schemes, including ISO/DIS 15511.3 (International Standard Identifier for Libraries and Related Organizations (ISIL)). May also want to investigate a URI to an entry in an authority file.
Obligation	**MA**
Occurence	

Back to TOC

Encoding Schemes

Name of Term	**Box**
Term URI	http://purl.org/dc/terms/Box
Label	DCMI Box
Defined By	http://purl.org/dc/terms/
Definition	The DCMI Box identifies a region of space using its geographic limits.
Comments	
See Also	http://dublincore.org/documents/dcmi-box/
Type of term	encoding scheme
Encoding Scheme For	Spatial

Name of Term	**DCMIType**
Term URI	http://purl.org/dc/dcmitype/
Label	DCMI Type Vocabulary
Defined By	http://purl.org/dc/terms/

Definition	A list of types used to categorize the nature or genre of the content of the resource.
Comments	
See Also	http://dublincore.org/documents/dcmi-type-vocabulary/
Type of term	encoding scheme
Encoding Scheme For	Type

Name of Term	DDC
Term URI	http://purl.org/dc/terms/DDC
Label	DDC
Defined By	http://purl.org/dc/terms/
Definition	Dewey Decimal Classification
Comments	
See Also	http://www.oclc.org/dewey/
Type of term	encoding scheme
Encoding Scheme For	Subject

Name of Term	DOI
Term URI	URI will be provided when available
Label	DOI
Defined By	
Definition	Digital Object Identifier
Comments	May be registered as "info" URI scheme.
See Also	http://www.doi.org/
Type of term	encoding scheme
Encoding Scheme For	Identifier, Source, IsVersionOf, IsFormatOf, HasFormat, IsReplacedBy, Replaces, IsPartOf, HasPart, Requires, IsReferencedBy, References

Name of Term	IMT
Term URI	http://purl.org/dc/terms/IMT
Label	IMT
Defined By	http://purl.org/dc/terms/
Definition	The Internet media type of the resource.

Comments	
See Also	http://www.isi.edu/in-notes/iana/assignments/media-types/media-types
Type of term	encoding scheme
Encoding Scheme For	Format, Medium

Name of Term	**ISBN**
Term URI	URI will be provided when available
Label	ISBN
Defined By	
Definition	International Standard Book Number
Comments	
See Also	http://www.isbn.org/standards/home/isbn/international/index.asp
Type of term	encoding scheme
Encoding Scheme For	Identifier, Source, IsVersionOf, IsFormatOf, HasFormat, IsReplacedBy, Replaces, IsPartOf, HasPart, Requires, IsReferencedBy, References

Name of Term	**ISO3166**
Term URI	http://purl.org/dc/terms/ISO3166
Label	ISO 3166
Defined By	http://purl.org/dc/terms/
Definition	ISO 3166 Codes for the representation of names of countries.
Comments	
See Also	http://www.din.de/gremien/nas/nabd/iso3166ma/codlstp1/index.html
Type of term	encoding scheme
Encoding Scheme For	Spatial

Name of Term	**ISO639-2**
Term URI	http://purl.org/dc/terms/ISO639-2
Label	ISO 639-2
Defined By	http://purl.org/dc/terms/
Definition	ISO 639-2: Codes for the representation of names of languages
Comments	
See Also	http://www.loc.gov/standards/iso639-2/
Type of term	encoding scheme
Encoding Scheme For	Language

Name of Term	**ISO8601**
Term URI	http://purl.org/dc/terms/ISO8601
Label	ISO 8601
Defined By	http://purl.org/dc/terms/
Definition	
Comments	
See Also	
Type of term	encoding scheme
Encoding Scheme For	Date, Created, Valid, Available, Issued, Modified, DateCopyrighted, DateSubmitted, DateAccepted, DateCaptured

Name of Term	**ISSN**
Term URI	URI will be provided when available
Label	ISSN
Defined By	
Definition	International Standard Serial Number
Comments	
See Also	http://www.issn.org:8080/pub/
Type of term	encoding scheme
Encoding Scheme For	Identifier, Source, IsVersionOf, IsFormatOf, HasFormat, IsReplacedBy, Replaces, IsPartOf, HasPart, Requires, IsReferencedBy, References

Name of Term	LCC

Term URI	http://purl.org/dc/terms/LCC
Label	LCC
Defined By	http://purl.org/dc/terms/
Definition	Library of Congress Classification
Comments	
See Also	http://lcweb.loc.gov/catdir/cpso/lcco/lcco.html
Type of term	encoding scheme
Encoding Scheme For	Subject

Name of Term	**LCSH**
Term URI	http://purl.org/dc/terms/LCSH
Label	LCSH
Defined By	http://purl.org/dc/terms/
Definition	Library of Congress Subject Headings
Comments	
See Also	http://lcweb.loc.gov/cds/lcsh.html
Type of term	encoding scheme
Encoding Scheme For	Subject

Name of Term	**MESH**
Term URI	http://purl.org/dc/terms/MESH
Label	MESH
Defined By	http://purl.org/dc/terms/
Definition	Medical Subject Headings
Comments	
See Also	http://nlm.nih.gov/mesh/meshhome.html
Type of term	encoding scheme
Encoding Scheme For	Subject

Back to TOC

Name of Term	Period
Term URI	http://purl.org/dc/terms/Period
Label	DCMI Period
Defined By	http://purl.org/dc/terms/
Definition	A specification of the limits of a time interval.
Comments	
See Also	http://dublincore.org/documents/dcmi-period/
Type of term	encoding scheme
Encoding Scheme For	Temporal

Name of Term	Point
Term URI	http://purl.org/dc/terms/Point
Label	DCMI Point
Defined By	http://purl.org/dc/terms/
Definition	The DCMI Point identifies a point in space using its geographic coordinates.
Comments	
See Also	http://dublincore.org/documents/dcmi-point/
Type of term	encoding scheme
Encoding Scheme For	Spatial

Name of Term	RFC3066
Term URI	http://purl.org/dc/terms/RFC3066
Label	RFC3066
Defined By	http://purl.org/dc/terms/
Definition	Internet RFC 3066 'Tags for the Identification of Languages' specifies a primary subtag which is a two-letter code taken from ISO 639 part 1 or a three-letter code taken from ISO 639 part 2, followed optionally by a two-letter country code taken from ISO 3166. When a language in ISO 639 has both a two-letter and three-letter code, use the two-letter code; when it has only a three-letter code, use the three-letter code. This RFC replaces RFC 1766.
Comments	
See Also	http://www.ietf.org/rfc/rfc3066.txt
Type of term	encoding scheme

Encoding Scheme For	Language

Name of Term	**SICI**
Term URI	URI will be provided when available
Label	SICI
Defined By	
Definition	Serial Item and Contributor Identifier
Comments	May be registered as "info" URI scheme.
See Also	http://sunsite.berkeley.edu/SICI/
Type of term	encoding scheme
Encoding Scheme For	Identifier, Source, IsVersionOf, IsFormatOf, HasFormat, IsReplacedBy, Replaces, IsPartOf, HasPart, Requires, IsReferencedBy, References

Name of Term	**TGN**
Term URI	http://purl.org/dc/terms/TGN
Label	TGN
Defined By	http://purl.org/dc/terms/
Definition	The Getty Thesaurus of Geographic Names.
Comments	
See Also	http://www.getty.edu/research/tools/vocabulary/tgn/index.html
Type of term	encoding scheme
Encoding Scheme For	Spatial

Name of Term	**UDC**
Term URI	http://purl.org/dc/terms/UDC
Label	UDC
Defined By	http://purl.org/dc/terms/
Definition	Universal Decimal Classification
Comments	
See Also	http://www.udcc.org/
Type of term	encoding scheme
Encoding Scheme For	Subject

Name of Term	URI
Term URI	http://purl.org/dc/terms/URI
Label	URI
Defined By	http://purl.org/dc/terms/
Definition	A URI uniform resource identifier.
Comments	
See Also	http://www.itef.org/rfc/rfc2396.txt
Type of term	encoding scheme
Encoding Scheme For	Description, Identifier, Source, Relation, Rights, Abstract, TableOfContents, IsVersionOf, IsFormatOf, HasFormat, IsReplacedBy, Replaces, IsPartOf, HasPart, Requires, IsReferencedBy, References

Name of Term	W3CDTF
Term URI	http://purl.org/dc/terms/W3CDTF
Label	W3C-DTF
Defined By	http://purl.org/dc/terms/
Definition	W3C encoding rules for dates and times - a profile based on ISO 8601.
Comments	
See Also	http://www.w3c.org/TR/NOTE-datetime
Type of term	encoding scheme
Encoding Scheme For	Date, Created, Valid, Available, Issued, Modified, DateCopyrighted, DateSubmitted, DateAccepted, DateCaptured, Temporal

Back to TOC

5. Acknowledgements

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6. Major changes since last update

- Reformatted to conform to the CEN DC AP Guidelines.
- "Best practice" and "Open questions" from previous versionmoved to "DC-Lib comments".
- Encoding schemes referenced in table of relevant element and expanded in separate tables at the end of the profile.
- Date, type, identifier, and coverage elements edited to reflect Usage Board decisions.
- DC URI added for ISO8601 in anticipation of this being included in dmi-terms document.
- Creator, contributor, and publisher updated to reflect Role refinement decision.
- Other edits according to Working Group discussions see
  http://www.jiscmail.ac.uk/cgi-bin/webadmin?A2=ind0311&L=dc-libraries&T=0&F=&S=&P=153