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**Information and documentation — The
Dublin Core metadata element set —**

**Part 2:
DCMI Properties and classes**

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 46, *Information and documentation*, Subcommittee SC 4, *Technical interoperability*.

This first edition of ISO 15836-2, together with ISO 15836-1, cancels and replaces ISO 15836:2009, which has been technically revised. It also incorporates the Technical Corrigendum ISO 15836:2009/Cor 1:2009.

The main changes compared to the previous edition are as follows:

- the term “elements” has been changed to “properties”;
- properties and classes from the /terms/ namespace, which are not included in ISO 15836-1 have been added;
- several term definitions have been updated;
- many examples and notes have been added, in order to make this document easier to use.

A list of all parts in the ISO 15836 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The properties and classes covered in this document are intended to be used in combination with metadata terms from other, compatible vocabularies in the context of application profiles.

This set of properties and classes is expressed as an RDF vocabulary and may be used for Linked Data. Each property and class is identified with a global identifier for use in RDF data. Creators of non-RDF metadata can use the vocabulary in non-RDF contexts, such as XML, JSON, UML and relational databases, by disregarding both the global identifier and the formal implications of the RDF-specific aspects of term definitions. Such users can take domain, range, subproperty, and subclass relations as usage suggestions and focus on the natural-language text of definitions, usage notes, and examples.

DCMI metadata terms are governed by the DCMI Usage Board (DCMI UB)¹⁾. This document has been created in close co-operation with the DCMI UB. The aim is to keep this document and DCMI metadata terms as closely aligned as possible, both concerning the terms and their definitions and notes.

Additional information about the usage of Dublin Core terms is provided by a user guide available at https://purl.org/metadata/user_guide.

DCMI intends to revise the guidelines and link their contents more tightly with DCMI metadata terms.

Several changes have been made to DCMI metadata terms during the preparation of this document. The reasons for these modifications are varied. DCMI usage guides and the Dublin Core Collection Description Application Profile have been used as information sources (in the form of added notes) on how to use given terms. Outdated references have been updated (for instance, the term “Language” is now recommended to be used with BCP 47 instead of RFC 4646). Some terms and definitions have been clarified (see, for example, “Available”). There is now additional guidance such as examples for terms like Date which may have been difficult to use in a uniform way.

There are a few cases in which terms, definitions or notes have been changed (e.g. DateCopyrighted), because the common practice has changed or because such practice has been established since the Dublin Core term was defined.

DCMI Usage Board may make changes and additions to DCMI metadata terms as a part of the on-going maintenance of Dublin Core. Such modifications should be incorporated into future editions of this document.

1) <https://dublincore.org/usage/>

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Information and documentation — The Dublin Core metadata element set —

Part 2: DCMI Properties and classes

1 Scope

This document establishes a vocabulary for cross-domain resource description, known as the Dublin Core metadata terms (hereafter DCMI Metadata Terms). It includes all of the properties and classes in the main namespace of DCMI Metadata Terms²⁾ (hereafter “the /terms/ namespace”), as published in the DCMI Recommendation document “DCMI Metadata Terms” of 2012 (DCMI-TERMS and [Annex A](#)). As explained in [Annex B](#), these properties and classes can be identified by URIs for use in linked data.

NOTE The 15 terms of the original Dublin Core Metadata Element Set, as defined in the namespace <https://purl.org/dc/elements/1.1/> (hereafter “the /elements/1.1/ namespace”), are also documented in the DCMI Recommendation “DCMI Metadata Terms” and in ISO 15836-1.

This document does not contain the following supporting terms from “DCMI Metadata Terms” specification:

- a) terms from the /elements/1.1/ namespace (included in ISO 15836-1);
- b) vocabulary encoding schemes;
- c) syntax encoding schemes;
- d) DCMI Type vocabulary;
- e) terms related to the DCMI Abstract Model.

Both ISO 15836-1 and this document include the 15 so-called core terms, but in ISO 15836-1 they are from the /elements/1.1/ namespace, and in this document from the /terms/ namespace. In the latter, the terms have narrower semantics due to formal domain and range specifications.

This document does not limit what might be a resource.

This document does not provide specific implementation guidelines. The properties and classes are typically used in the context of an application profile, which constrains or specifies their use in accordance with local or community-based requirements and policies.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements for this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 15836-1, *Information and documentation — The Dublin Core metadata element set — Part 1: Core elements*

2) Available at: <https://purl.org/dc/terms/>.

3 Terms, definitions and abbreviated terms

For the purposes of this document, the terms and definitions given in ISO 15836-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1 Terms and definitions

3.1.1

class

set of resources

Note 1 to entry: The members of a class are known as instances of the class. Classes are themselves resources. They are often identified by URIs and may be described using RDF properties. The `rdf:type` property may be used to state that a resource is an instance of a class.

[SOURCE: RDF Schema. Version 1.1]

3.1.2

domain

class of which a *resource* (3.1.10) described by the term is an instance

[SOURCE: DCMI Terms, <https://www.dublincore.org/specifications/dublin-core/dcmi-terms/>]

3.1.3

domain includes

suggested class for subjects of this *property* (3.1.6)

3.1.4

entity

something that exists apart from other things, having its own independent existence

3.1.5

literal

string of Unicode characters, such as letters or integers, optionally combined with a language tag or datatype

3.1.6

non-literal value

either a blank node or *URI* (3.1.13)

3.1.7

property

relation between a subject resource and an object resource

Note 1 to entry: This is a synonym of “element”.

[SOURCE: RDF Schema. Version 1.1]

3.1.8

range

class of which a value described by the term is an instance

[SOURCE: DCMI Terms, <https://www.dublincore.org/specifications/dublin-core/dcmi-terms/>]

3.1.9

range includes

suggested class for values of this *property* (3.1.7)

3.1.10**resource**

entity that might be identified

Note 1 to entry: This specification does not limit the scope of what might be a resource. Anything, either abstract or physical, can be a resource.

Note 2 to entry: In RDF, a resource may be identified by a *URI* (3.1.13).

[SOURCE: RFC 3986 modified.— The word “thing” has been replaced with “entity”]

3.1.11**subclass**

class that is related, typically using the *rdfs:subClassOf* property, to another class of broader scope (superclass), such that all instances of the subclass are instances of the superclass

[SOURCE: RDF Schema. Version 1.1]

3.1.12**subproperty**

property (3.1.7) that is related, typically using the *rdfs:subPropertyOf* property, to another property of broader scope (superproperty), such that all resources related by the subproperty are also related by the superproperty

[SOURCE: RDF Schema. Version 1.1]

3.1.13**Uniform Resource Identifier****URI**

identifier consisting of a sequence of characters matching the URI syntax rule

Note 1 to entry: How the identification is accomplished, assigned, or enabled, is delegated to URI scheme specifications such as *URN* (3.1.14).

[SOURCE: RFC 3986]

3.1.14**Uniform Resource Name****URN**

Uniform Resource Identifier (URI) (3.1.13) that is assigned under the “urn” URI scheme and a particular URN namespace, with the intent that the URN will be a persistent, location-independent resource identifier

[SOURCE: RFC 8141]

3.2 DCMI properties**3.2.1****abstract**

summary of the resource

Label

Abstract

URI

<https://purl.org/dc/terms/abstract>

Subproperty of

<https://purl.org/dc/terms/description>

3.2.2**accessRights**

information about who may access the resource or an indication of its security status

Label	Access Rights
URI	https://purl.org/dc/terms/accessRights
Subproperty of	https://purl.org/dc/terms/rights
Range includes	https://purl.org/dc/terms/RightsStatement

Note 1 to entry: Access rights may include information regarding access or restrictions based on privacy, security, or other policies.

3.2.3

accrualMethod

method by which items are added to a collection

Label	Accrual Method
URI	https://purl.org/dc/terms/accrualMethod
Domain	https://purl.org/dc/dcmitype/Collection
Range includes	https://purl.org/dc/terms/MethodOfAccrual

Note 1 to entry: The recommended practice is to use a value from the Collection Description Accrual Method vocabulary³⁾.

3.2.4

accrualPeriodicity

frequency with which items are added to a collection

Label	Accrual Periodicity
URI	https://purl.org/dc/terms/accrualPeriodicity
Domain	https://purl.org/dc/dcmitype/Collection
Range includes	https://purl.org/dc/terms/Frequency

Note 1 to entry: The recommended practice is to use a value from the Collection Description Frequency Vocabulary⁴⁾.

3.2.5

accrualPolicy

policy governing the addition of items to a collection

Label	Accrual Policy
URI	https://purl.org/dc/terms/accrualPolicy
Domain	https://purl.org/dc/dcmitype/Collection
Range includes	https://purl.org/dc/terms/Policy

Note 1 to entry: The recommended practice is to use a value from the Collection Description Accrual Policy Vocabulary⁵⁾.

3) <https://www.dublincore.org/specifications/dublin-core/collection-description/accrual-method/>

4) <https://dublincore.org/groups/collections/frequency/>

5) <https://dublincore.org/groups/collections/accrual-policy/>

3.2.6**alternative**

alternative name for the resource

Label	Alternative Title
URI	https://purl.org/dc/terms/alternative
Subproperty of	https://purl.org/dc/terms/title
Range includes	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The distinction between titles and alternative titles is application-specific.

3.2.7**audience**

class of agents for whom the *resource* (3.1.10) is intended or useful

Label	Audience
URI	https://purl.org/dc/terms/audience
Range includes	https://purl.org/dc/terms/AgentClass

Note 1 to entry: Best practice is to use this property with non-literal values from a vocabulary of audience types.

3.2.8**available**

date that the resource became or will become available

Label	Date Available
URI	https://purl.org/dc/terms/available
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

3.2.9**bibliographicCitation**

bibliographic reference for the resource

Label	Bibliographic Citation
URI	https://purl.org/dc/terms/bibliographicCitation
Subproperty of	https://purl.org/dc/terms/identifier
Domain	https://purl.org/dc/terms/BibliographicResource
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to include sufficient bibliographic detail to identify the resource as unambiguously as possible.

3.2.10**conformsTo**

established standard to which the described resource conforms

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Label	Conforms To
URI	https://purl.org/dc/terms/conformsTo
Subproperty of	https://purl.org/dc/terms/relation
Range includes	https://purl.org/dc/terms/Standard

3.2.11 contributor

entity responsible for making contributions to the resource

Label	Contributor
URI	https://purl.org/dc/terms/contributor
Range includes	https://purl.org/dc/terms/Agent

EXAMPLE 1 Shakespeare, William (a person)

EXAMPLE 2 <https://isni.org/isni/0000000121032683> (URI for a person)

EXAMPLE 3 Hubble Space Telescope (scientific instrument)

EXAMPLE 4 UNESCO (an organization)

Note 1 to entry: The guidelines for using names of persons or organizations as creators apply to contributors.

3.2.12 coverage

spatial or temporal topic of the resource, spatial applicability of the resource, or jurisdiction under which the resource is relevant

Label	Coverage
URI	https://purl.org/dc/terms/coverage
Range includes	https://purl.org/dc/terms/Location
Range includes	https://purl.org/dc/terms/Period
Range includes	https://purl.org/dc/terms/Jurisdiction

EXAMPLE 1 1700/1799

EXAMPLE 2 Boston, MA

Note 1 to entry: Spatial topic and spatial applicability may be a named place or a location specified by its geographic coordinates. Temporal topic may be a named period, date or date range. A jurisdiction may be a named administrative entity or a geographic place to which the resource applies. The recommended practice is to use a controlled vocabulary such as the Getty Thesaurus of Geographic Names (TGN). Where appropriate, named places or time periods may be used in preference to numeric identifiers such as sets of coordinates or date ranges.

Note 2 to entry: Because coverage is so broadly defined, it is preferable to use the more specific subproperties *temporal* (3.2.52) coverage and *spatial* (3.2.49) coverage.

3.2.13 created

date of creation of the resource

Label	Date Created
URI	https://purl.org/dc/terms/created
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* ([3.2.15](#)), of which this is a *subproperty* ([3.1.12](#)).

3.2.14 creator

entity responsible for making the resource

Label	Creator
URI	https://purl.org/dc/terms/creator
Subproperty of	https://purl.org/dc/terms/contributor
Range includes	https://purl.org/dc/terms/Agent

EXAMPLE 1 Shakespeare, William (a person)

EXAMPLE 2 <https://isni.org/isni/0000000121032683> (URI for a person)

EXAMPLE 3 UNESCO (an organization)

Note 1 to entry: The recommended practice is to identify the creator with a URI. If this is not possible or feasible, a literal value that identifies the creator may be provided.

3.2.15 date

point or period of time associated with an event in the lifecycle of the resource

Label	Date
URI	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

EXAMPLE 1 2018

EXAMPLE 2 2016-03-04

EXAMPLE 3 2017-11-05T08:15:30-05:00

EXAMPLE 4 1968/2015

EXAMPLE 5 2006/

Note 1 to entry: Date may be used to express temporal information at any level of granularity.

The recommended practice is to express the date, date/time or period of time according to ISO 8601-1^[1] or a published profile of the ISO standard, such as the W3C Note on Date and Time Formats^[2].

Note 2 to entry: If the full date is unknown, month and year (YYYY-MM) or just year (YYYY) may be used.

Note 3 to entry: Date ranges may be specified using ISO 8601 period of time specification in which start and end dates are separated by a "/" (slash) character. Either the start or end date may be missing.

3.2.16

dateAccepted

date of acceptance of the resource

Label	Date Accepted
URI	https://purl.org/dc/terms/dateAccepted
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

Note 2 to entry: Examples of resource to which a date of acceptance may be relevant are a thesis (accepted by a university department) or an article (accepted by a journal).

3.2.17

dateCopyrighted

date of copyright of the resource

Label	Date Copyrighted
URI	https://purl.org/dc/terms/dateCopyrighted
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: Typically a year.

Note 2 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

3.2.18

dateSubmitted

date of submission of the resource

Label	Date Submitted
URI	https://purl.org/dc/terms/dateSubmitted
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

Note 2 to entry: Examples of resources to which a “date submitted” may be relevant include a thesis (submitted to a university department) or an article (submitted to a journal).

3.2.19

description

account of the resource

Label	Description
URI	https://purl.org/dc/terms/description

Note 1 to entry: Description may include but is not limited to: an abstract, a table of contents, a graphical representation, or a free-text account of the resource.

3.2.20

educationLevel

class of agents, defined in terms of progression through an educational or training context, for which the described resource is intended

Label	Audience Education Level
URI	https://purl.org/dc/terms/educationLevel
Subproperty of	https://purl.org/dc/terms/audience
Range includes	https://purl.org/dc/terms/AgentClass

3.2.21

extent

size or duration of the resource

Label	Extent
URI	https://purl.org/dc/terms/extent
Subproperty of	https://purl.org/dc/terms/format
Range includes	https://purl.org/dc/terms/SizeOrDuration

EXAMPLE 1 PT2H7M30S (2 h, 7 min and 30 s according to ISO 8601-1).

EXAMPLE 2 5,6 MB (file size in megabytes).

Note 1 to entry: The recommended practice is to specify the file size in megabytes and duration in ISO 8601 format.

3.2.22

format

file format, physical medium, or dimensions of the resource

Label	Format
URI	https://purl.org/dc/terms/format
Range includes	https://purl.org/dc/terms/MediaType
Range includes	https://purl.org/dc/terms/Extent

EXAMPLE 1 text/xml.

EXAMPLE 2 <https://id.loc.gov/vocabulary/mvidformat/dvd>.

EXAMPLE 3 23 cm.

Note 1 to entry: The recommended practice is to use a controlled vocabulary where available. For example, for file formats one could use the list of Internet Media Types [MIME].

Note 2 to entry: Examples of dimensions include size and duration.

3.2.23

hasFormat

related resource that is substantially the same as the pre-existing described resource, but in another format

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Label Has Format

URI <https://purl.org/dc/terms/hasFormat>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *isFormatOf* ([3.2.28](#)).

3.2.24

hasPart

related resource that is included either physically or logically in the described resource

Label Has Part

URI <https://purl.org/dc/terms/hasPart>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *isPartOf* ([3.2.29](#)).

3.2.25

hasVersion

related resource that is a version, edition, or adaptation of the described resource

Label Has Version

URI <https://purl.org/dc/terms/hasVersion>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: Changes in version imply substantive changes in content rather than differences in format.

Note 2 to entry: This property is intended to be used with non-literal values.

Note 3 to entry: This property is an inverse property of *isVersionOf* ([3.2.34](#)).

3.2.26

identifier

unambiguous reference to the resource within a given context

Label Identifier

URI <https://purl.org/dc/terms/identifier>

Range <https://www.w3.org/2000/01/rdf-schema#Literal>

EXAMPLE 1 978-3-16-148410-0

EXAMPLE 2 <https://doi.org/10.17863/CAM.11283>

EXAMPLE 3 URN:NBN:fi-fd2017-00011868

Note 1 to entry: The recommended practice is to identify the resource by means of a string conforming to an identification system. Examples above represent International Standard Book Number (ISBN), Digital Object Identifier (DOI) and Uniform Resource Name (URN).

Note 2 to entry: Persistent identifiers should be provided as HTTP URIs.

3.2.27**instructionalMethod**

process, used to engender knowledge, attitudes and skills, that the described resource is designed to support

Label Instructional Method

URI <https://purl.org/dc/terms/instructionalMethod>

Range includes <https://purl.org/dc/terms/MethodOfInstruction>

Note 1 to entry: *Instructional Method* (3.2.27) typically includes ways of presenting instructional materials or conducting instructional activities, patterns of learner-to-learner and learner-to-instructor interactions, and mechanisms by which group and individual levels of learning are measured. Instructional methods include all aspects of the instruction and learning processes from planning and implementation through evaluation and feedback.

3.2.28**isFormatOf**

pre-existing related resource that is substantially the same as the described resource, but in another format

Label Is Format Of

URI <https://purl.org/dc/terms/isFormatOf>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *hasFormat* (3.2.23).

3.2.29**isPartOf**

related resource in which the described resource is physically or logically included

Label Is Part Of

URI <https://purl.org/dc/terms/isPartOf>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *hasPart* (3.2.24).

3.2.30**isReferencedBy**

related resource that references, cites, or otherwise points to the described resource

Label Is Referenced By

URI <https://purl.org/dc/terms/isReferencedBy>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *references* (3.2.42).

3.2.31

isReplacedBy

related resource that supplants, displaces, or supersedes the described resource

Label Is Replaced By

URI <https://purl.org/dc/terms/isReplacedBy>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *replaces* (3.2.44).

3.2.32

isRequiredBy

related resource that requires the described resource to support its function, delivery, or coherence

Label Is Required By

URI <https://purl.org/dc/terms/isRequiredBy>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *requires* (3.2.45).

3.2.33

issued

date of formal issuance of the resource

Label Date Issued

URI <https://purl.org/dc/terms/issued>

Subproperty of <https://purl.org/dc/terms/date>

Range <https://www.w3.org/2000/01/rdf-schema#Literal>

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

3.2.34

isVersionOf

related resource of which the described resource is a version, edition, or adaptation

Label Is Version Of

URI <https://purl.org/dc/terms/isVersionOf>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: Changes in version imply substantive changes in content rather than differences in format.

Note 2 to entry: This property is intended to be used with non-literal values.

Note 3 to entry: This property is an inverse property of *hasVersion* (3.2.25).

3.2.35

language

language of the resource

Label Language

URI <https://purl.org/dc/terms/language>

Range includes <https://purl.org/dc/terms/LinguisticSystem>

EXAMPLE 1 <https://id.loc.gov/vocabulary/iso639-2/eng>

(English language in the Library of Congress vocabulary of ISO 639-2 languages)

EXAMPLE 2 <https://iso639-3.sil.org/code/eng>

(English language in the SIL International vocabulary of ISO 639-3 languages)

EXAMPLE 3 en-US (BCP 47 tag for American English)

EXAMPLE 4 zh-Hant-HK (BCP 47 tag for Hong Kong Chinese in Traditional script)

EXAMPLE 5 <https://catalogue.bnf.fr/ark:/12148/cb119308987> (English language in Rameau)

Note 1 to entry: The recommended practice is to use either a non-literal value representing a language from a controlled vocabulary such as ISO 639-2 or ISO 639-3, or a literal value consisting of an IETF Best Current Practice 47 [BCP 47] language tag.

3.2.36 license

legal document giving official permission to do something with the resource

Label License

URI <https://purl.org/dc/terms/license>

Subproperty of <https://purl.org/dc/terms/rights>

Range includes <https://purl.org/dc/terms/LicenseDocument>

EXAMPLE 1 <https://creativecommons.org/licenses/by/4.0/deed.en>

EXAMPLE 2 <https://creativecommons.org/publicdomain/zero/1.0/>

EXAMPLE 3 <https://creativecommons.org/licenses/by/4.0/legalcode>

Note 1 to entry: The recommended practice is to identify the license document with a URI. If this is not possible or feasible, a literal value that identifies the license may be provided.

3.2.37 mediator

entity that mediates access to the resource

Label Mediator

URI <https://purl.org/dc/terms/mediator>

Subproperty of <https://purl.org/dc/terms/audience>

Range includes <https://purl.org/dc/terms/AgentClass>

Note 1 to entry: A mediator might be a parent, teacher, teaching assistant, or caregiver.

3.2.38 medium

material or physical carrier of the resource

Label	Medium
URI	https://purl.org/dc/terms/medium
Subproperty of	https://purl.org/dc/terms/format
Domain includes	https://purl.org/dc/terms/PhysicalResource
Range includes	https://purl.org/dc/terms/PhysicalMedium

**3.2.39
modified**

date on which the resource was changed

Label	Date Modified
URI	https://purl.org/dc/terms/modified
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

**3.2.40
provenance**

statement of any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity, and interpretation

Label	Provenance
URI	https://purl.org/dc/terms/provenance
Range includes	https://purl.org/dc/terms/ProvenanceStatement

Note 1 to entry: The statement may include a description of any changes successive custodians have made to the resource.

**3.2.41
publisher**

entity responsible for making the resource available

Label	Publisher
URI	https://purl.org/dc/terms/publisher
Range includes	https://purl.org/dc/terms/Agent

EXAMPLE A person, an organization, or a service.

**3.2.42
references**

related resource that is referenced, cited, or otherwise pointed to by the described resource

Label	References
URI	https://purl.org/dc/terms/references
Subproperty of	https://purl.org/dc/terms/relation

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *isReferencedBy* (3.2.30).

3.2.43

relation

related resource

Label Relation

URI <https://purl.org/dc/terms/relation>

Note 1 to entry: The recommended practice is to identify the related resource by means of a URI. If this is not possible or feasible, a string conforming to a formal identification system may be provided.

3.2.44

replaces

related resource that is supplanted, displaced, or superseded by the described resource

Label Replaces

URI <https://purl.org/dc/terms/replaces>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *isReplacedBy* (3.2.31).

3.2.45

requires

related resource that is required by the described resource to support its function, delivery, or coherence

Label Requires

URI <https://purl.org/dc/terms/requires>

Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

Note 2 to entry: This property is an inverse property of *isRequiredBy* (3.2.23).

3.2.46

rights

information about rights held in and over the resource

Label Rights

URI <https://purl.org/dc/terms/rights>

Range includes <https://purl.org/dc/terms/RightsStatement>

Note 1 to entry: Typically, rights information includes a statement about various property rights associated with the resource, including intellectual property rights.

3.2.47

rightsHolder

person or organization owning or managing rights over the resource

Label Rights Holder
URI <https://purl.org/dc/terms/rightsHolder>
Range includes <https://purl.org/dc/terms/Agent>

Note 1 to entry: Recommended practice is to refer to the rights holder with a URI. If this is not possible or feasible, a literal value that identifies the rights holder may be provided.

3.2.48
source
related resource from which the described resource is derived

Label Source
URI <https://purl.org/dc/terms/source>
Subproperty of <https://purl.org/dc/terms/relation>

Note 1 to entry: This property is intended to be used with non-literal values.

3.2.49
spatial
spatial characteristics of the resource

Label Spatial Coverage
URI <https://purl.org/dc/terms/spatial>
Subproperty of <https://purl.org/dc/terms/coverage>
Range includes <https://purl.org/dc/terms/Location>

3.2.50
subject
topic of the resource

Label Subject
URI <https://purl.org/dc/terms/subject>

Note 1 to entry: The recommended practice is to refer to the subject with a URI. If this is not possible or feasible, a literal value that identifies the subject may be provided. Both should preferably refer to a subject in a controlled vocabulary.

3.2.51
tableOfContents
list of subunits of the resource

Label Table Of Contents
URI <https://purl.org/dc/terms/tableOfContents>
Subproperty of <https://purl.org/dc/terms/description>

3.2.52
temporal
temporal characteristics of the resource

Label	Temporal Coverage
URI	https://purl.org/dc/terms/temporal
Subproperty of	https://purl.org/dc/terms/coverage
Range includes	https://purl.org/dc/terms/PeriodOfTime

3.2.53**title**

name given to the resource

Label	Title
URI	https://purl.org/dc/terms/title
Range	https://www.w3.org/2000/01/rdf-schema#Literal

3.2.54**type**

nature or genre of the resource

Label	Type
URI	https://purl.org/dc/terms/type

Note 1 to entry: The recommended practice is to use a controlled vocabulary such as the DCMI Type Vocabulary [DCMITYPE]. To describe the file format, physical medium, or dimensions of the resource, use the property format.

3.2.55**valid**

date (often a range) of validity of a resource

Label	Date Valid
URI	https://purl.org/dc/terms/valid
Subproperty of	https://purl.org/dc/terms/date
Range	https://www.w3.org/2000/01/rdf-schema#Literal

Note 1 to entry: The recommended practice is to describe the date, date/time, or period of time as recommended for the property *date* (3.2.15), of which this is a *subproperty* (3.1.12).

3.3 DCMI Classes**3.3.1****Agent**

resource that acts or has the power to act

Label	Agent
URI	https://purl.org/dc/terms/Agent

3.3.2**AgentClass**

group of agents

ISO 15836-2:2019(E)

Label Agent Class

URI <https://purl.org/dc/terms/AgentClass>

EXAMPLE Groups seen as classes, such as students, women, charities, lecturers.

3.3.3

BibliographicResource

book, article, or other documentary resource

Label Bibliographic Resource

URI <https://purl.org/dc/terms/BibliographicResource>

3.3.4

FileFormat

digital resource format

Label File Format

URI <https://purl.org/dc/terms/FileFormat>

Subclass Of <https://purl.org/dc/terms/MediaType>

EXAMPLE The formats defined by the list of Internet Media Types (MIME).

3.3.5

Frequency

rate at which something recurs

Label Frequency

URI <https://purl.org/dc/terms/Frequency>

EXAMPLE The publication frequencies of journals and newspapers.

3.3.6

Jurisdiction

extent or range of judicial, law enforcement, or other authority

Label Jurisdiction

URI <https://purl.org/dc/terms/Jurisdiction>

3.3.7

LicenseDocument

legal document giving official permission to do something with the resource

Label License Document

URI <https://purl.org/dc/terms/LicenseDocument>

Subclass Of <https://purl.org/dc/terms/RightsStatement>

3.3.8

LinguisticSystem

system of signs, symbols, sounds, gestures, or rules used in communication

Label Linguistic System

URI <https://purl.org/dc/terms/LinguisticSystem>

Note 1 to entry: Written, spoken, sign, and computer languages are linguistic systems.

3.3.9

Location

spatial region or named place

Label Location

URI <https://purl.org/dc/terms/Location>

3.3.10

MediaType

file format or physical medium

Label Media Type

URI <https://purl.org/dc/terms/MediaType>

3.3.11

MethodOfAccrual

method by which resources are added to a collection

Label Method of Accrual

URI <https://purl.org/dc/terms/MethodOfAccrual>

3.3.12

MethodOfInstruction

process that is used to engender knowledge, attitudes, and skills

Label Method of Instruction

URI <https://purl.org/dc/terms/MethodOfInstruction>

3.3.13

PeriodOfTime

interval of time that is named or defined by its start and end dates

Label Period of Time

URI <https://purl.org/dc/terms/PeriodOfTime>

3.3.14

PhysicalMedium

physical material or carrier

Label Physical Medium

URI <https://purl.org/dc/terms/PhysicalMedium>

Subclass Of <https://purl.org/dc/terms/MediaType>

Note 1 to entry: Examples include paper, canvas, or DVD.

3.3.15

PhysicalResource

material thing

Label Physical Resource

URI <https://purl.org/dc/terms/PhysicalResource>

3.3.16

Policy

plan or course of action by an authority, intended to influence and determine decisions, actions, and other matters

Label Policy

URI <https://purl.org/dc/terms/Policy>

3.3.17

ProvenanceStatement

any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity, and interpretation

Label Provenance Statement

URI <https://purl.org/dc/terms/ProvenanceStatement>

3.3.18

RightsStatement

statement about the intellectual property rights (IPR) held in or over a resource, a legal document giving official permission to do something with a resource, or a statement about access rights

Label Rights Statement

URI <https://purl.org/dc/terms/RightsStatement>

3.3.19

SizeOrDuration

dimension or extent, or a time taken to play or execute

Label Size or Duration

URI <https://purl.org/dc/terms/SizeOrDuration>

Note 1 to entry: Examples include a number of pages, a specification of length, width, and breadth, or a period in hours, minutes, and seconds.

3.3.20

Standard

reference point against which other things can be evaluated or compared

Label Standard

URI <https://purl.org/dc/terms/Standard>

3.4 Abbreviated terms

DCMI	Dublin Core Metadata Initiative
PID	Persistent identifier
RDF	Resource Description Framework

4 Description of metadata terms

In the descriptions of the properties and classes in 3.2 and 3.3, each property has a descriptive label (“label”) for human recognition and a unique token (“name”) for use in machine processing.

In accordance with the *DCMI Namespace Policy* [DCMI-NAMESPACE], the “name” of a property is appended to a DCMI namespace URI to construct a Uniform Resource Identifier as a globally unique identifier for that element.

This document covers properties and classes from the <https://purl.org/dc/terms/> namespace. These terms have been described in the same way as the 15 core elements in ISO 15836-1.

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