

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!--ct version 1.1 RDF schema (Common Terminology version 1.1 )
```

```
12/08/14 skos:Collection for CTScheme is changed into rdf:Bag
```

```
11/17/14 detail definitions are modified.
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```
11/13/14 URIs are changed into ct.iopdl.org/1.1/.
```

```
06/01/14 CT 1.0 is updated into 1.1 to solve the semantic error that points the same for 'other' sub-properties of different properties in rdfs graph.
```

```
Thus, in 'format' property, sub-property 'other' has deleted. In 'date' property, 'other' sub-property has changed into 'dateOther.'
```

```
In 'description' property, 'other' has changed into 'descriptionOther.' In 'identifier' property, 'other' has changed into 'identifierOther.'
```

```
Modified by Boaz Sunyoung Jin, and supervised by Professor David Dubin and Dean Linda Smith of Graduate School of Library and Information Science at University of Illinois at Urbana-Champaign-->
```

```
<rdf:RDF
```

```
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" 
```

```
xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#" 
```

```
xmlns:dcterms="http://purl.org/dc/terms/" 
```

```
xmlns:dc="http://purl.org/dc/elements/1.1/" 
```

```
xmlns:xsd="http://www.w3.org/2001/XMLSchema#" 
```

```
xmlns:skos="http://www.w3.org/2004/02/skos/core#" 
```

```
xmlns:CT="http://www.ct.iopdl.org/1.1/">
```

```
<rdf:Description rdf:about="http://www.ct.iopdl.org/1.1/">
```

```
<dc:title xml:lang="en-US">The Common Terminology Set v1.1 namespace providing access to its names by means of an RDF Schema</dc:title>
```

```
<dc:publisher xml:lang="en-US">Graduate School of Library and Information Science</dc:publisher>
```

```
<dc:description xml:lang="en-US">The Common Terminology Set v1.1 namespace provides URIs for the Common Terminology Set v1.1.
```

```
Entries are declared using RDF Schema language to support RDF applications.</dc:description>
```

```
<dc:language xml:lang="en-US">English</dc:language>
```

```
<dcterms:issued>2014-11-17</dcterms:issued>
```

```
</rdf:Description>
```

```
<!--contributor-->
```

```
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/contributor">
```

```
<rdfs:label xml:lang="en-US">contributor</rdfs:label>
```

`<rdfs:comment xml:lang="en-US">`The name of a person, organization, or event (conference, meeting, etc.) associated in some way with the resource (MODS).

An entity responsible for making contributions to the resource (Contributor of DC).

Including creator definition, an entity primarily responsible for making the resource (creator of DC).

`</rdfs:comment>`

`<dc:description xml:lang="en-US">`Typically, the name of a Contributor should be used to indicate the entity.

The qualifiers narrow contributor contents are personal, corporate, meeting and role.

Values can be literal or nonliteral (uri).

`</dc:description>`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>`

`<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/contributor/personal"/>`

`<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/contributor/corporate"/>`

`<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/contributor/meeting"/>`

`<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/contributor/role"/>`

`</rdf:Property>`

`<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/contributor/personal">`

`<rdfs:label xml:lang="en-US">personal name</rdfs:label>`

`<rdfs:comment xml:lang="en-US">`The name of a person associated in some way with the resource(MODS).`</rdfs:comment>`

`<dc:description xml:lang="en-US">`Sub-property of contributor common term that indicates the name of a person.

Values can be literal or nonliteral (uri).`</dc:description>`

`<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/contributor" />`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>`

`</rdf:Property>`

`<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/contributor/corporate">`

`<rdfs:label xml:lang="en-US">corporate name</rdfs:label>`

`<rdfs:comment xml:lang="en-US">`The name of a company, institution, or other organization (MODS) including a name of university or department..`</rdfs:comment>`

`<dc:description xml:lang="en-US">`Sub-property of contributor common term that indicates the name of a corporate.

Values can be literal or nonliteral (uri).

`</dc:description>`

`<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/contributor"/>`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>`

`</rdf:Property>`

`<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/contributor/meeting">`

`<rdfs:label xml:lang="en-US">meeting name</rdfs:label>`

`<rdfs:comment xml:lang="en-US">The name of an event (conference, meeting, etc.) associated in some way with the resource(MODS).</rdfs:comment>`

`<dc:description>Sub-property of contributor that indicates the name of a conference or related type of meeting (MODS).`

Values can be literal or nonliteral (uri).

`</dc:description>`

`<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/contributor" />`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>`

`</rdf:Property>`

`<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/contributor/role">`

`<rdfs:label xml:lang="en-US">role</rdfs:label>`

`<rdfs:comment xml:lang="en-US">Designates the relationship (role) of the entity recorded in name to the resource described in the record (MODS).</rdfs:comment>`

`<dc:description>Roles of contributor such as author, creator, or other are defined in LC MARC relators in CTScheme.`

Values can be literal or nonliteral (uri).

`</dc:description>`

`<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/contributor" />`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>`

`<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator"/>`

`</rdf:Property>`

`<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/">`

`<rdfs:label>CTRelator</rdfs:label>`

`<rdfs:comment>A set of authorities, the controlled list from which the value is taken (MODS), to define relator terms for role.</rdfs:comment>`

`<dc:description>CTRelators has LC MARC relators for MARC Code List for Relators and unknowns (such as ordered authors of MIT) authorities.</dc:description>`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>`

`<rdf:li`

`rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/LCMARCreators"/>`

`<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/Unknown"/>`

`</rdf:Bag>`

`<rdfs:Class`

`rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/LCMARCreators">`

`<rdfs:label>LC MARC relators</rdfs:label>`

`<rdfs:comment>MARC Code List for Relators</rdfs:comment>`

`<rdfs:seeAlso rdf:resource="http://www.loc.gov/marc/relators/relaterm.html"/>`

`<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>`

`</rdfs:Class>`

`<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/Unknown">`

```

    <rdfs:label>unknown</rdfs:label>
    <rdfs:comment>Any other roles that are not defined in MARC Code List for Relators such
as MIT relators (ex. ordered authors).</rdfs:comment>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>

<!-- date -->
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/date">
    <rdfs:label xml:lang="en-US">date</rdfs:label>
    <rdfs:comment xml:lang="en-US">A point or period of time associated with an event in the
lifecycle of the resource(DC).</rdfs:comment>
    <dc:description xml:lang="en-US">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
recommend to follow the YYYY-MM-DD format.</dc:description>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/date/issued"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/date/copyright"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/date/available"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/date/modified"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/date/dateOther"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/date/issued">
    <rdfs:label xml:lang="en-US">issued date</rdfs:label>
    <rdfs:comment xml:lang="en-US">Date of formal issuance (e.g., publication) of the
resource(DC).
        The date that the resource was published, released, or issued (MODS).</rdfs:comment>
    <dc:description xml:lang="en-US">Describe an issued date of the described resource
including a created date, the date of creation of the resource (MODS).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/date"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/date/copyright">
    <rdfs:label xml:lang="en-US">copyright date</rdfs:label>
    <rdfs:comment xml:lang="en-US">A date in which a resource is copyrighted
(MODS).</rdfs:comment>
    <dc:description xml:lang="en-US">Describe a copyright date of the described
resource.</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/date"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

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</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/date/available">
  <rdfs:label xml:lang="en-US">available date</rdfs:label>
  <rdfs:comment xml:lang="en-US">Date (often a range) that the resource will become or
did become available(DC).
  A date in which the content of a resource is valid (MODS).</rdfs:comment>
  <dc:description xml:lang="en-US">available date includes the concept of valid, accepted,
and accessioned date.</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/date"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/date/modified">
  <rdfs:label xml:lang="en-US">modified date</rdfs:label>
  <rdfs:comment xml:lang="en-US">Date (often a range) in which a resource is modified or
changed (DCMI).</rdfs:comment>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/date"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/date/dateOther">
  <rdfs:label xml:lang="en-US">other date</rdfs:label>
  <rdfs:comment xml:lang="en-US">A date that does not fall into another category but is
important to record (MODS).</rdfs:comment>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/date"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>

<!-- description -->
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description">
  <rdfs:label xml:lang="en-US">description</rdfs:label>
  <rdfs:comment xml:lang="en-US">An account of the resource (DC). A term that designates
how the resource is issued (MODS).</rdfs:comment>
  <dc:description xml:lang="en-US">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(DCMI).
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/recordinfo"/>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/issuance"/>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/authentication"/>

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<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/edition"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/frequency"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/thesis"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/bibliography"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/tableOfContents"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/abstract"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/audience"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/provenance"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/action"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/description/descriptionOther"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription"/>
</rdf:Property>
<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription" xml:lang="en">
  <rdfs:label xml:lang="en">CTDescription</rdfs:label>
  <rdfs:comment xml:lang="en">CTDescription is a set of authorities, the controlled list from
which the value is taken (MODS), to define particular descriptions:
  - LCMARCAuthentication (LC, MARC Authentication Action Code List)
  - LCMARCFrequency (LC, MARC Frequency of Issue Term List)
  - LCMARCTarget (LC, MARC Target Audience Term List)
</rdfs:comment>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCAuthentication"/
>
  <rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCFrequency"/>
  <rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCTarget"/>
</rdf:Bag>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/recordinfo">
  <rdfs:label xml:lang="en-US">recordinfo</rdfs:label>
  <rdfs:comment xml:lang="en-US">Information about the metadata record
(MODS).</rdfs:comment>
  <dc:description xml:lang="en-US">Describe record information of the described resource
including
  latest record transaction, record change, cataloging agency, language, transcribing agency,
modifying agency, description conventions.
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

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</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/issuance">
  <rdfs:label xml:lang="en-US">issuance</rdfs:label>
  <rdfs:comment xml:lang="en-US">A term that designates how the resource is issued
(MODS).</rdfs:comment>
  <dc:description>Issuance may be used with the following values: monographic, single unit,
multipart monograph, continuing, serial, and integrating resource (MODS).
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/authentication">
  <rdfs:label xml:lang="en-US">authentication</rdfs:label>
  <rdfs:comment xml:lang="en-US">OOne or more authentication codes indicating that the
record, existing in a national database, has been reviewed in a specific way (MODS).
  The values are based on LC MARC Authentication Action Code List of
LCMARCauthentication in CTDescription of CTScheme. </rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:related
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCauthentication"/
>
</rdf:Property>
<rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCauthentication">
  <rdfs:label>LC MARC authentication</rdfs:label>
  <rdfs:comment>MARC Authentication Action Code List</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/valuelist/marcauthen.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/edition">
  <rdfs:label xml:lang="en-US">edition</rdfs:label>
  <rdfs:comment xml:lang="en-US">Information identifying the version of the resource
(MODS).</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>

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<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/frequency">
  <rdfs:label xml:lang="en-US">frequency</rdfs:label>
  <rdfs:comment xml:lang="en-US">A statement of publication frequency in a textual form
(MODS).</rdfs:comment>
  <dc:description>Use to define the publication pattern of the item based on LC MARC
Frequency of Issue Term List of LCMARCfrequency in CTDescription of CTScheme.
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:related
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCfrequency"/>
</rdf:Property>
<rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCfrequency">
  <rdfs:label>LC MARC frequency</rdfs:label>
  <rdfs:comment>MARC Frequency of Issue Term List</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/valuelist/marcfrequency.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/thesis">
  <rdfs:label xml:lang="en-US">thesis</rdfs:label>
  <rdfs:comment xml:lang="en-US">description about thesis</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/bibliography">
  <rdfs:label xml:lang="en-US">bibliography</rdfs:label>
  <rdfs:comment xml:lang="en-US">description about bibliography</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/tableOfContents">
  <rdfs:label xml:lang="en-US">table of contents</rdfs:label>
  <rdfs:comment xml:lang="en-US">A description of the contents of a resource
(MODS).</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

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</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/abstract">
  <rdfs:label xml:lang="en-US">abstract</rdfs:label>
  <rdfs:comment xml:lang="en-US">A summary of the content of the resource
(MODS).</rdfs:comment>
  <dc:description>Describe abstract including Summary, Subject, Review, Scope and content,
Content advice. Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/audience">
  <rdfs:label xml:lang="en-US">audience</rdfs:label>
  <rdfs:comment xml:lang="en-US">A description of the intellectual level of the audience
for which the resource is intended (MODS).</rdfs:comment>
  <dc:description>Use this element whenever there is a specific audience for a resource
(MODS) based on MARC Target Audience Term List of LC MARC target in CTDescription of
CTScheme..
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:related
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCTarget"/>
</rdf:Property>
<rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCTarget">
  <rdfs:label>LC MARC target</rdfs:label>
  <rdfs:comment>MARC Target Audience Term List</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/valuelist/marctarget.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/provenance">
  <rdfs:label xml:lang="en-US">provenance</rdfs:label>
  <rdfs:comment xml:lang="en-US">Information concerning the [...] custodial history of the
described materials (MODS) including acquisition, Accrual Method.</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/action">
  <rdfs:label xml:lang="en-US">action</rdfs:label>

```

```

    <rdfs:comment xml:lang="en-US">Information about processing, reference, and
preservation actions (MODS).</rdfs:comment>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/description/descriptionOther">
    <rdfs:label xml:lang="en-US">description other</rdfs:label>
    <rdfs:comment xml:lang="en-US">A description of others that do not fall into another
category
    including sponsorship, eprint status, degree, citation of MIT.</rdfs:comment>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>

```

```
<!-- format -->
```

```

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/format">
    <rdfs:label xml:lang="en-US">format</rdfs:label>
    <rdfs:comment xml:lang="en-US">A designation of a particular physical presentation of a
resource (form definition of MODS).

```

The file format, physical medium, or dimensions of the resource (DCMI). The physical or digital manifestation of the resource (DCMI).</rdfs:comment>

```

    <dc:description xml:lang="en-US">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) (DCMI).</dc:description>

```

    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/format/extent"/>
    <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/format/medium"/>
    <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat"/>
</rdf:Property>

```

```

<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat" xml:lang="en">
    <rdfs:label xml:lang="en">CTFormat</rdfs:label>
    <rdfs:comment xml:lang="en">CTFormat is a set of authorities to define format:
    - authority="LCMARCform" (LC, MARC Form of Item Term List)

```

- authority="LCgmd" (LC)
- authority="rfc2046" (NWG)

```

</rdfs:comment>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCMARCform"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCgmd"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/rfc2046"/>
</rdf:Bag>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCMARCform">
  <rdfs:label>LC MARC form</rdfs:label>
  <rdfs:comment>Genre/Form Code and Term Source Codes</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/sourcelist/genre-form.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCgmd">
  <rdfs:label>LC gmd</rdfs:label>
  <rdfs:comment>General Material Designation (GMD)</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.uproc.lib.mi.us/cat/gmd.htm"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/rfc2046">
  <rdfs:label>rfc2046</rdfs:label>
  <rdfs:comment>Multipurpose Internet Mail Extensions (MIME) Media
Types</rdfs:comment>
  <rdfs:seeAlso rdf:resource="https://www.ietf.org/rfc/rfc2046.txt"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/format/extent">
  <rdfs:label xml:lang="en-US">extent</rdfs:label>
  <rdfs:comment xml:lang="en-US">A statement of the number and specific material of the
units of the resource
that express physical extent (MODS). The size or duration of the resource
(DCMI).</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/format"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/format/medium">
  <rdfs:label xml:lang="en-US">medium</rdfs:label>
  <rdfs:comment xml:lang="en-US">The material or physical carrier of the resource (DCMI-

```

terms).</rdfs:comment>

<dc:description>"medium" uses internet media type (IMT) in Vocabulary Encoding Schemes (DC),

where IMT is the set of media types specified by the Internet Assigned Numbers Authority

on <http://www.iana.org/assignments/media-types>.

It includes media, carrier, performance medium.

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/format"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<!-- identifier -->

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier">

<rdfs:label xml:lang="en-US">identifier</rdfs:label>

<rdfs:comment xml:lang="en-US">An unambiguous reference to the resource within a given context (DCMI).

It includes "location" concept that identifies the institution or repository holding the resource, or a remote location in the form of a URL where it is available (MODS).

And it includes "Source" concept, a related resource (database) from which the described resource is derived (DCMI), which

identifies where the described resource comes from (e.g., Harvard, MIT, UIUC, or OCLC).</rdfs:comment>

<dc:description xml:lang="en-US">It may include the Uniform Resource Identifier (URI) including the Uniform Resource Locator (URL),

the Digital Object Identifier (DOI), and the International Standard Book Number (ISBN).

Values can be literal or nonliteral (uri).

</dc:description>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/source"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/collection"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/uri"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/doi"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/hdl"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/isbn"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/controlNumber"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/lccn"/>

<skos:narrower

[rdf:resource="http://www.ct.iopdl.org/1.1/identifier/nationalBibliographyNumber"/>](http://www.ct.iopdl.org/1.1/identifier/nationalBibliographyNumber)

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/issn"/>

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/ismn"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/issueNumber"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/identifierOther"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/source">
  <rdfs:label xml:lang="en-US">source</rdfs:label>
  <rdfs:comment xml:lang="en-US">A related resource (database) from which the described
resource is derived (DCMI, Dublin Core Metadata Element Set, Version 1.1).
```

It identifies also where the described resource comes from (e.g., Harvard, MIT, UIUC, LC, DPLA, or OCLC).</rdfs:comment>

```
<dc:description>Values can be literal or nonliteral (uri).</dc:description>
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier"/>
</rdf:Property>
```

```
<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier" xml:lang="en">
  <rdfs:label xml:lang="en">CTIdentifier</rdfs:label>
  <rdfs:comment xml:lang="en">CTIdentifier is a set of sources which define where the
described resource comes from:
```

MIT, Harvard, UIUC, OCLC, DLC: Library of Congress, DPLA: Digital Library of America, RLIN Research Libraries Group, VEN Vendor (Harvard).

It may include any organization, institution, or libraries that provide metadata records later.</rdfs:comment>

```
<dc:description>Values can be literal or nonliteral (uri).</dc:description>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Harvard"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/MIT"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/UIUC"/>
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/OCLC"/>
<rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/LibraryofCongress"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/DPLA"/>
  <rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/ResearchLibrariesGroup"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Vendor"/>
  </rdf:li>
</rdf:Bag>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Harvard">
  <rdfs:label>Harvard</rdfs:label>
  <rdfs:comment>Harvard library resource</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://library.harvard.edu"/>
```

```

    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/MIT">
  <rdfs:label>MIT</rdfs:label>
  <rdfs:comment>MIT library resource</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://libraries.mit.edu"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/UIUC">
  <rdfs:label>UIUC</rdfs:label>
  <rdfs:comment>UIUC library resource</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.library.illinois.edu"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/OCLC">
  <rdfs:label>OCLC</rdfs:label>
  <rdfs:comment>OCLC resource</rdfs:comment>
  <rdfs:seeAlso rdf:resource="https://oclc.org/en-US/home.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/LibraryofCongress">
  <rdfs:label>Library of Congress</rdfs:label>
  <rdfs:comment>Library of Congress resource</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/DPLA">
  <rdfs:label>Digital Library of America</rdfs:label>
  <rdfs:comment>Digital Library of America resource</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://dp.la"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/ResearchLibrariesGroup">
  <rdfs:label>Research Libraries Group</rdfs:label>
  <rdfs:comment>Research Libraries Group resource</rdfs:comment>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Vendor">

```

```
<rdfs:label>Vendor</rdfs:label>
<rdfs:comment>Vendor resource</rdfs:comment>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/collection">
  <rdfs:label xml:lang="en-US">collection</rdfs:label>
  <rdfs:comment xml:lang="en-US">An aggregation of resources(DCMI).</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/uri">
  <rdfs:label xml:lang="en-US">uri</rdfs:label>
  <rdfs:comment xml:lang="en-US">uniform resource identifier (uri)</rdfs:comment>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/doi"/>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/hdl"/>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/identifier/isbn"/>
</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/doi">
  <rdfs:label xml:lang="en-US">doi</rdfs:label>
  <rdfs:comment xml:lang="en-US">digital object identifier (DOI)</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:seeAlso rdf:resource="http://www.doi.org"/>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:broader rdf:resource="http://www.ct.iopdl.org/1.1/identifier/uri"/>
</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/hdl">
  <rdfs:label xml:lang="en-US">hdl</rdfs:label>
  <rdfs:comment xml:lang="en-US">Handle System</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:seeAlso rdf:resource="http://hdl.net"/>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:broader rdf:resource="http://www.ct.iopdl.org/1.1/identifier/uri"/>
</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/isbn">
```

```

<rdfs:label xml:lang="en-US">isbn</rdfs:label>
<rdfs:comment xml:lang="en-US">International Standard Book Number</rdfs:comment>
<dc:description>Values can be literal or nonliteral (uri).</dc:description>
<rdfs:seeAlso rdf:resource="http://www.isbn.org/">
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
<skos:broader rdf:resource="http://www.ct.iopdl.org/1.1/identifier/uri"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/controlNumber">
  <rdfs:label xml:lang="en-US">control number</rdfs:label>
  <rdfs:comment xml:lang="en-US">A serial or catalog number.</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/lccn">
  <rdfs:label xml:lang="en-US">lccn</rdfs:label>
  <rdfs:comment xml:lang="en-US">Library of Congress Control Number,a serially based
system of numbering cataloging records
  in the Library of Congress in the United States (Wikipedia).</rdfs:comment>
  <dc:description> Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property
rdf:about="http://www.ct.iopdl.org/1.1/identifier/nationalBibliographyNumber">
  <rdfs:label xml:lang="en-US">national bibliography number</rdfs:label>
  <rdfs:comment>National Bibliography Number Sources identifies the official national
bibliography documentation
  (databases or print publications) that contain the numbers for national bibliography
entries
  and assigns a code to each database or publication (LC-NBN).</rdfs:comment>
  <dc:description>Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/sourcelist/national-
bibliography.html"/>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/issn">
  <rdfs:label xml:lang="en-US">issn</rdfs:label>

```



```

    <rdfs:comment xml:lang="en-US">International Standard Serial Number, an 8-digit code
used
    to identify newspapers, journals, magazines and periodicals of all kinds and on all media–
print and electronic(issn).</rdfs:comment>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:seeAlso rdf:resource="http://www.issn.org"/>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/ismn">
    <rdfs:label xml:lang="en-US">ismn</rdfs:label>
    <rdfs:comment xml:lang="en-US">International Standard Music Number (ISO 10957)
uniquely identifies
    editions of notated music has been updated in the revised standard ISO 10957:2009.
</rdfs:comment>
    <rdfs:seeAlso
rdf:resource="http://www.iso.org/iso/home/news_index/news_archive/news.htm?refid=Ref1256
"/>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/issueNumber">
    <rdfs:label xml:lang="en-US">issue number</rdfs:label>
    <rdfs:comment xml:lang="en-US">includes matrix number, music publisher, music plate,
or videorecording identifier.</rdfs:comment>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/identifier/identifierOther">
    <rdfs:label xml:lang="en-US">identifierOther</rdfs:label>
    <rdfs:comment xml:lang="en-US">It includes isrc, ean, sici, upc, aleph, govdoc, or
pmid.</rdfs:comment>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/identifier" />
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<!-- language -->

```

```

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/language">
  <rdfs:label xml:lang="en-US">language</rdfs:label>
  <rdfs:comment xml:lang="en-US">A language of the resource (DCMI).
    A designation of the language in which the content of a resource is expressed
(MODS).</rdfs:comment>
  <dc:description xml:lang="en-US">Values can be string or language
codes</dc:description>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage"/>
</rdf:Property>
<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage" xml:lang="en">
  <rdfs:label xml:lang="en">CTLanguage</rdfs:label>
  <rdfs:comment xml:lang="en">CTLanguage is a set of authorities that are standard
language codes to describe languages.
  It includes:
  - iso639-2: http://www.loc.gov/standards/iso639-2/ (LC)
  - iso639-3: http://www-01.sil.org/iso639-3/codes.asp (SIL)
  - rfc1766: https://www.ietf.org/rfc/rfc1766.txt
  - rfc3066: https://www.ietf.org/rfc/rfc3066.txt
  - rfc4646: http://www.ietf.org/rfc/rfc4646.txt
  - MARCCoDeListforLanguages:
http://www.loc.gov/marc/languages/language_code.html (LC, MARCCoDeListforLanguages
Part 2: Code Sequence).
  </rdfs:comment>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-2"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-3"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc1766"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc3066"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc4646"/>
  <rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/MARCCoDeListforLanguage
s"/>
</rdf:Bag>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-2">
  <rdfs:label>iso639-2</rdfs:label>
  <rdfs:comment>Codes for the representation of names of languages</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/iso639-2/php/code_list.php"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>

```

```

<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-3">
  <rdfs:label>iso639-3</rdfs:label>
  <rdfs:comment>ISO 639-3 attempts to provide as complete an enumeration of languages as
possible,
  including living, extinct, ancient, and constructed languages, whether major or minor,
written or unwritten</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www-01.sil.org/iso639-3"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc1766">
  <rdfs:label>rfc1766</rdfs:label>
  <rdfs:comment>Tags for the Identification of Languages 1766</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.ietf.org/rfc/rfc1766.txt"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc3066">
  <rdfs:label>rfc3066</rdfs:label>
  <rdfs:comment>Tags for Identification of Languages 3066</rdfs:comment>
  <rdfs:seeAlso rdf:resource="https://www.ietf.org/rfc/rfc3066.txt"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc4646">
  <rdfs:label>rfc4646</rdfs:label>
  <rdfs:comment>Tags for Identifying Languages 4646</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.ietf.org/rfc/rfc4646.txt"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/MARCCodeListforLanguages"
>
  <rdfs:label>MARC Code List for Languages</rdfs:label>
  <rdfs:comment>MARC Code List for Languages</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.loc.gov/marc/languages/language_code.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>

<!-- publisher -->
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/publisher">
  <rdfs:label xml:lang="en-US">publisher</rdfs:label>
  <rdfs:comment xml:lang="en-US">The name of the entity that published, printed,

```

distributed, released, issued, or produced the resource (MODS).

An entity responsible for making the resource available (DCMI).

```
</rdfs:comment>
```

`<dc:description xml:lang="en-US">`Typically, the name of a Publisher should be used to indicate the entity.

Examples of a Publisher include a person, an organization, or a service.

It includes "place"-Name of a place associated with the issuing, publication, release, distribution, manufacture, production, or origin of a resource (MODS).

Values can be literal or nonliteral (uri).

```
</dc:description>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/publisher/place"/>
```

```
</rdf:Property>
```

```
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/publisher/place">
```

```
<rdfs:label xml:lang="en-US">place</rdfs:label>
```

`<rdfs:comment xml:lang="en-US">`Name of a place associated with the issuing, publication, release, distribution, manufacture, production, or origin of a resource (MODS)`</rdfs:comment>`

```
<dc:description>It can use authority="iso3166" of CTSubject in CTScheme.
```

Values can be literal or nonliteral (uri).

```
</dc:description>
```

```
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/publisher"/>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
```

```
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166"/>
```

```
</rdf:Property>
```

```
<!-- relation -->
```

```
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation">
```

```
<rdfs:label xml:lang="en-US">relation</rdfs:label>
```

`<rdfs:comment xml:lang="en-US">`Information that identifies other resources related to the one being described (MODS). A related resource (DCMI).`</rdfs:comment>`

```
<dc:description>Values can be literal or nonliteral (uri).</dc:description>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/original"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/isPartOf"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/reference"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/otherFormat"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/constituent"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/otherVersion"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/replacement"/>
```

```
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/relation/requirement"/>
```

```

</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/original">
  <rdfs:label xml:lang="en-US">original</rdfs:label>
  <rdfs:comment xml:lang="en-US">Information concerning an original form of the resource
(MODS).</rdfs:comment>
  <dc:description>It includes Source concept, a related resource from which the described
resource is derived (DCMI), and Relation IsVersionOf of QDC.
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/isPartOf">
  <rdfs:label xml:lang="en-US">isPartOf</rdfs:label>
  <rdfs:comment xml:lang="en-US">A related resource in which the described resource is
physically or logically included (DCMI).
  It includes series concept of MODS, information concerning the series in which a
resource is issued (MODS).</rdfs:comment>
  <dc:description>It includes Relation IsPartOf (QDC),dc.relation.journal, or
dc.relation.ispartofseries of MIT.
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/reference">
  <rdfs:label xml:lang="en-US">reference</rdfs:label>
  <rdfs:comment xml:lang="en-US">Information concerning a resource cited or referred to in
the resource (MODS).
  A related resource that is referenced, cited, or otherwise pointed to by the described
resource (DCMI).</rdfs:comment>
  <dc:description>It includes Relation IsReferencedBy of QDC
  or MODS-Citations or references to published bibliographic descriptions, reviews,
abstracts, or indexes of the content of the resource (MODS).
  Values can be literal or nonliteral (uri).</dc:description>
  <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/otherFormat">
  <rdfs:label xml:lang="en-US">other format</rdfs:label>
  <rdfs:comment xml:lang="en-US">Information concerning another format (i.e. change in
physical format) of the resource (MODS).</rdfs:comment>

```

<dc:description>It includes Relation HasFormat-A related resource that is substantially the same as the pre-existing described resource, but in another format (DCMI),
or IsFormatOf(QDC)-A related resource that is substantially the same as the described resource, but in another format (DCMI).

Values can be literal or nonliteral (uri). </dc:description>

```
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
```

```
</rdf:Property>
```

```
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/constituent">
```

```
<rdfs:label xml:lang="en-US">constituent</rdfs:label>
```

```
<rdfs:comment xml:lang="en-US">Information concerning a constituent unit of the
```

```
resource.
```

This allows for more specific parsed information than may be used in 'tableOfContents' (MODS).</rdfs:comment>

<dc:description>It includes Relation HasPart (QDC)-A related resource that is included either physically or logically in the described resource (DCMI).

Values can be literal or nonliteral (uri). </dc:description>

```
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
```

```
</rdf:Property>
```

```
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/otherVersion">
```

```
<rdfs:label xml:lang="en-US">other version</rdfs:label>
```

```
<rdfs:comment xml:lang="en-US">Information concerning another version (i.e. change in intellectual content) of the resource (MODS).</rdfs:comment>
```

<dc:description>It includes Relation HasVersion (QDC)-A related resource that is a version, edition, or adaptation of the described resource (DCMI),

or dc.relation.isversionof- A related resource of which the described resource is a version, edition, or adaptation (DCMI).

Values can be literal or nonliteral (uri).</dc:description>

```
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
```

```
</rdf:Property>
```

```
<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/replacement">
```

```
<rdfs:label xml:lang="en-US">replacement</rdfs:label>
```

```
<rdfs:comment xml:lang="en-US">A related resource that is supplanted, displaced, or superseded by the described resource-Replaces (DCMI).</rdfs:comment>
```

<dc:description>It includes preceding-Information concerning a predecessor to the resource (MODS),

succeeding-Information concerning a successor to the resource (MODS),

or dc.relation.isreplacedby- A related resource that supplants, displaces, or supersedes the

described resource (DCMI).

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/relation/requirement">

<rdfs:label xml:lang="en-US">requirement</rdfs:label>

<rdfs:comment xml:lang="en-US">A related resource that is required by the described resource to support its function, delivery, or coherence-Requires (DCMI).</rdfs:comment>

<dc:description>It includes Relation Requires (QDC) and Is Required By (QDC)-A related resource that requires the described resource to support its function, delivery, or coherence (DCMI).

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<!-- rights -->

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/rights">

<rdfs:label xml:lang="en-US">rights</rdfs:label>

<rdfs:comment xml:lang="en-US">Information about rights held in and over the resource (DCMI). Information about restrictions imposed on access to a resource (MODS).</rdfs:comment>

<dc:description xml:lang="en-US">It includes license-A legal document giving official permission to do something with the resource (DCMI), such as dc.identifier.mitlicense of MIT, and dc.description.statementsofresponsibility.

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/rights/access"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/rights/holder"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/rights/access">

<rdfs:label xml:lang="en-US">access</rdfs:label>

<rdfs:comment xml:lang="en-US">Rights AccessRights (QDC)-Information about who can access the resource or an indication of its security status (DCMI).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/rights"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/rights/holder">

```

<rdfs:label xml:lang="en-US">holder</rdfs:label>
<rdfs:comment xml:lang="en-US">Rights RightsHolder(QDC)-A person or organization
owning or managing rights over the resource (DCMI).</rdfs:comment>
<dc:description>It includes copyright. Values can be literal or nonliteral
(uri).</dc:description>
<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/rights"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
</rdf:Property>

```

<!-- subject -->

```

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/subject">
<rdfs:label xml:lang="en-US">subject</rdfs:label>
<rdfs:comment xml:lang="en-US">A term or phrase representing the primary topic(s) on
which a work is focused (MODS). The topic of the resource (DCMI).
It includes Coverage-The spatial or temporal topic of the resource, the spatial
applicability of the resource, or the jurisdiction under which the resource is relevant
(DCMI).</rdfs:comment>
<dc:description xml:lang="en-US">Typically, the subject will be represented using
keywords, key phrases, or classification codes. Recommended best practice is to use a controlled
vocabulary (MODS).

```

Values can be literal or nonliteral (uri).</dc:description>

```

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/subject/spatial"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/subject/temporal"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/subject/classification"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsh"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcshac"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/mesh"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/csh"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nal"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/rvm"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166"/>
</rdf:Property>

```

```

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/subject/spatial">
<rdfs:label xml:lang="en-US">spatial</rdfs:label>
<rdfs:comment xml:lang="en-US">Spatial characteristics of the resource (DCMI). Used for
geographic subject terms (MODS). </rdfs:comment>
<dc:description>It includes coverage and spatial of DC-Spatial topic and spatial
applicability may be a named place or a location specified by its geographic coordinates (DCMI),
and coordinates, projection, scale, geographic information, or publishing country code of

```


MODS.

Recommended best practice is to use a controlled vocabulary such as the Thesaurus of Geographic Names [TGN] (DCMI).

A jurisdiction may be a named administrative entity or a geographic place to which the resource applies (DCMI).

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:seeAlso

rdf:resource="http://www.getty.edu/research/tools/vocabulary/tgn/index.html"/>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/subject"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/subject/temporal">

<rdfs:label xml:lang="en-US">temporal</rdfs:label>

<rdfs:comment xml:lang="en-US">Temporal characteristics of the resource (DCMI). Used for chronological subject terms or temporal coverage (MODS).</rdfs:comment>

<dc:description>Temporal topic may be a named period, date, or date range (DCMI). "temporal" is used for chronological subject terms or temporal coverage.

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/subject"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/subject/classification">

<rdfs:label xml:lang="en-US">classification</rdfs:label>

<rdfs:comment xml:lang="en-US">A designation applied to a resource that indicates the subject by applying a formal system of coding and organizing resources according to subject areas (MODS).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/subject"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcc"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/ddc"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/udc"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nlm"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/sudocs"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/candocs"/>

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn"/>

<skos:related

rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/subjectOther"/>

</rdf:Property>

<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject" xml:lang="en">

```
<rdfs:label xml:lang="en">CTSubject</rdfs:label>
```

```
<rdfs:comment xml:lang="en">CTSubject is a set of authorities for subject headings and  
classifications:
```

```
  for subject
```

```
  - authority="lcsch", "lcsnac", "mesh", "csh", "nal", "rvm", "iso3166";
```

```
  for classification
```

```
  - authority="lcc", "ddc", "udc", "nlm", "sudocs", "candocs", "tgn",
```

```
and "subjectOther".
```

```
</rdfs:comment>
```

```
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsch"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsnac"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/mesh"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/csh"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nal"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/rvm"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcc"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/ddc"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/udc"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nlm"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/sudocs"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/candocs"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn"/>
```

```
<rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/subjectOther"/>
```

```
</rdf:Bag>
```

```
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsch">
```

```
  <rdfs:label>lcsch</rdfs:label>
```

```
  <rdfs:comment>Library of Congress Subject Headings</rdfs:comment>
```

```
  <rdfs:seeAlso rdf:resource="http://id.loc.gov/authorities/subjects.html"/>
```

```
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
```

```
</rdfs:Class>
```

```
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsnac">
```

```
  <rdfs:label>lcsnac</rdfs:label>
```

```
  <rdfs:comment>Lcsnac : Library of Congress AC subject headings</rdfs:comment>
```

```
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
```

```
</rdfs:Class>
```

```
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/mesh">
```

```
  <rdfs:label>mesh</rdfs:label>
```

```
  <rdfs:comment>MeSH (Medical Subject Headings) is the NLM controlled vocabulary
```

thesaurus used for indexing articles for PubMed (MeSH).</rdfs:comment>
<rdfs:seeAlso rdf:resource="http://www.ncbi.nlm.nih.gov/mesh"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/csh">
<rdfs:label>csh</rdfs:label>
<rdfs:comment>Canadian Subject Headings (CSH) is a list of subject headings in the English language, using controlled vocabulary,
to access and express the subject content of documents on Canada and Canadian topics (CSH).</rdfs:comment>
<rdfs:seeAlso rdf:resource="https://www.bac-lac.gc.ca/eng/services/canadian-subject-headings/Pages/canadian-subject-headings.aspx"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nal">
<rdfs:label>nal</rdfs:label>
<rdfs:comment>National Agricultural Library subject category codes</rdfs:comment>
<rdfs:seeAlso rdf:resource="http://agricola.nal.usda.gov/help/categorycodes.html"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/rvm">
<rdfs:label>rvm</rdfs:label>
<rdfs:comment>RVM is a partially bilingual encyclopedic thesaurus whose terms are classified according to a specific syntax(RVM).</rdfs:comment>
<rdfs:seeAlso rdf:resource="https://rvmweb.bibl.ulaval.ca/en/a-propos"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcc">
<rdfs:label>lcc</rdfs:label>
<rdfs:comment>Library of Congress Classification Outline</rdfs:comment>
<rdfs:seeAlso rdf:resource="http://www.loc.gov/catdir/cpsolcc"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/ddc">
<rdfs:label>ddc</rdfs:label>
<rdfs:comment>Dewey Decimal Classification</rdfs:comment>
<rdfs:seeAlso rdf:resource="http://www.oclc.org/dewey/resources/summaries.en.html"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166">

```

<rdfs:label>iso3166</rdfs:label>
<rdfs:comment>Country Codes - ISO 3166</rdfs:comment>
<rdfs:seeAlso rdf:resource="http://www.iso.org/iso/country_codes.htm"/>
<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/udc">
  <rdfs:label>udc</rdfs:label>
  <rdfs:comment>Universal Decimal Classification is one of the most widely used
classification schemes for all fields of knowledge(UDC consortium)</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.udcc.org"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nlm">
  <rdfs:label>nlm</rdfs:label>
  <rdfs:comment>National Library of Medicine classification.</rdfs:comment>
  <rdfs:seeAlso rdf:resource="https://www.nlm.nih.gov/class/">
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/sudocs">
  <rdfs:label>sudocs</rdfs:label>
  <rdfs:comment>The Superintendent of Documents Classification System</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.archives.gov/research/alic/reference/admin-
history/classification-system.html"/>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/candocs">
  <rdfs:label>candocs</rdfs:label>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn">
  <rdfs:label>tgn</rdfs:label>
  <rdfs:comment>The Getty Thesaurus of Geographic Names</rdfs:comment>
  <rdfs:seeAlso rdf:resource="http://www.getty.edu/research/tools/vocabulary/tgn/">
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>
<rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/subjectOther">
  <rdfs:label>other</rdfs:label>
  <rdfs:comment>other Classification systems</rdfs:comment>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
</rdfs:Class>

```

<!-- title -->

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title">

<rdfs:label xml:lang="en-US">title</rdfs:label>

<rdfs:comment xml:lang="en-US">A name given to the resource (DCMI). A word, phrase, character, or group of characters, normally appearing in a resource, that names it or the work contained in it (MODS).</rdfs:comment>

<dc:description xml:lang="en-US">Values can be literal or nonliteral (uri).</dc:description>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/title/abbreviated"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/title/uniform"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/title/key"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/title/translated"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/title/alternative"/>

<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/title/subtitle"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title/abbreviated">

<rdfs:label xml:lang="en-US">abbreviated</rdfs:label>

<rdfs:comment xml:lang="en-US">Title as abbreviated for indexing or identification (MODS).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/title"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title/uniform">

<rdfs:label xml:lang="en-US">uniform</rdfs:label>

<rdfs:comment xml:lang="en-US">The uniform title used as a main entry in a bibliographic record (MODS).</rdfs:comment>

<dc:description>

Used when a work has appeared under varying titles, necessitating that a particular title be chosen to represent the work (MODS).

Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/title"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title/key">

<rdfs:label xml:lang="en-US">key</rdfs:label>

<rdfs:comment xml:lang="en-US">Unique title for a continuing resource that is assigned in conjunction with an ISSN recorded in field 022 by national centers under the auspices of the

ISSN Network (MODS).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/title"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title/translated">

<rdfs:label xml:lang="en-US">translated</rdfs:label>

<rdfs:comment xml:lang="en-US">Translation or transcription of the main title

(MODS).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/title"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title/alternative">

<rdfs:label xml:lang="en-US">alternative</rdfs:label>

<rdfs:comment xml:lang="en-US">Varying form of the title if it contributes to the further

identification of the item (MODS).

An alternative name for the resource (DCMI).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/title"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/title/subtitle">

<rdfs:label xml:lang="en-US">subtitle</rdfs:label>

<rdfs:comment xml:lang="en-US">A word, phrase, character, or group of characters that contains the remainder of the title information after the title proper (MODS).</rdfs:comment>

<dc:description>Values can be literal or nonliteral (uri).</dc:description>

<rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/title"/>

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>

</rdf:Property>

<!-- typeGenre -->

<rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/typeGenre">

<rdfs:label xml:lang="en-US">typeGenre</rdfs:label>

<rdfs:comment xml:lang="en-US">A term that specifies the characteristics and general type of content of the resource (MODS). The nature of the resource (DCMI).</rdfs:comment>

<dc:description xml:lang="en-US">It includes genre-A term(s) that designates a category characterizing a particular style, form, or content,

such as artistic, musical, literary composition, etc. (MODS).

Values can be string or language codes.</dc:description>

```

<rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
<skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/typeGenre/genre"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre"/>
</rdf:Property>
<rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre" xml:lang="en">
  <rdfs:label xml:lang="en">CTTypeGenre</rdfs:label>
  <rdfs:comment xml:lang="en">CTTypeGenre is a set of authorities to describe type/genre:
    - authority="LCMARCtype" for MARC and MODS values of typeOfResource,
and
    - authority="DCMItype" for DCMItype vocabulary
    - authority="LCMARCgenre," which is list of MARC Genre terms.
  </rdfs:comment>
  <dc:description>CT uses MARC and MODS type of Resource values, and DCMItype
vocabulary (if DCMI uses different type values with typeOfResource of MODS and MARC),
  to accept all values of MARC, MODS, and DC.</dc:description>
  <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
  <rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCtype"/>
  <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/DCMItype"/>
  <rdf:li
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCgenre"/>
  </rdf:Bag>
  <rdfs:Class rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/DCMItype">
    <rdfs:label>DCMI type</rdfs:label>
    <rdfs:comment>DCMI Type Vocabulary</rdfs:comment>
    <dc:description xml:lang="en-US">The DCMI Type Vocabulary provides a general, cross-
domain list of approved terms that may be used as values for the Type element to identify the
genre of a resource (DCMI).</dc:description>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
    <rdfs:seeAlso rdf:resource="http://dublincore.org/documents/dcmi-type-vocabulary"/>
  </rdfs:Class>
  <rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCtype">
    <rdfs:label>LC MARC type</rdfs:label>
    <rdfs:comment>MARC Code List for Content Types (LC).</rdfs:comment>
    <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/valuelist/marcontent.html"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
  </rdfs:Class>
  <rdf:Property rdf:about="http://www.ct.iopdl.org/1.1/typeGenre/genre">
    <rdfs:label xml:lang="en-US">genre</rdfs:label>

```

```

    <rdfs:comment xml:lang="en-US">A term(s) that designates a category characterizing a
particular style, form, or content, such as artistic, musical, literary composition, etc. (MODS).
</rdfs:comment>
    <dc:description>Values can be literal or nonliteral (uri).</dc:description>
    <rdfs:subPropertyOf rdf:resource="http://www.ct.iopdl.org/1.1/typeGenre"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CommonTerminology.pdf"/>
    <skos:related
rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCgenre"/>
    </rdf:Property>
    <rdfs:Class
rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCgenre">
    <rdfs:label>LC MARC genre</rdfs:label>
    <rdfs:comment>MARC Genre Term List</rdfs:comment>
    <rdfs:seeAlso rdf:resource="http://www.loc.gov/standards/valuelist/marcgt.html"/>
    <rdfs:isDefinedBy rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme"/>
    </rdfs:Class>
    <!-- CTScheme -->
    <rdf:Bag rdf:about="http://www.ct.iopdl.org/1.1/CTScheme" xml:lang="en">
    <rdfs:label xml:lang="en">CTScheme</rdfs:label>
    <rdfs:comment xml:lang="en">A CTScheme is an enumerated set of resources used as a
controlled set of values, including authorities, including Syntax Encoding Scheme of DCMI and
Vocabulary Encoding Scheme.
    The CTScheme includes CTTypeGenre, CTFormat, CTRelator, CTLanguage,
CTDescription, CTIdentifier, and CTSubject. </rdfs:comment>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject"/>
    <rdf:li rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre"/>
    </rdf:Bag>
</rdf:RDF>

```