

```

<?xml version="1.0" encoding="UTF-8"?>
<!-- CTSKOS_Crosswalk describes the relationships between MARC, MODS, the element of QDC and DC Standards and the developed
Common Terminology 1.1.
    Made by Boaz Sunyoung Jin, International Open Public Digital Library (IOPDL), Inc.
    April 18, 2016-->
<rdf:RDF
  xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
  xmlns:skos="http://www.w3.org/2004/02/skos/core#"
  xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
  xmlns:owl="http://www.w3.org/2002/07/owl#"
  xmlns:dcterms="http://purl.org/dc/terms/"
  xmlns:dc="http://purl.org/dc/elements/1.1/"
  xmlns:foaf="http://xmlns.com/foaf/0.1/"
  xmlns:ct="http://www.ct.iopdl.org/1.1/">

  <!-- Scheme: Common Terminology 1.1 -->
  <skos:ConceptScheme rdf:about="http://www.ct.iopdl.org/1.1/" xml:lang="en">
    <dc:title>Common Terminology 1.1</dc:title>
    <dc:description>Common Terminology 1.1 is common terms of MARC, MODS, DC and QDC.
      It is to achieve and improve metadata interoperability among different schema standards that have some different
      degree of generality or specificity.</dc:description>
    <dc:rights>Free to all.</dc:rights>
    <dcterms:issued>2014-05-26</dcterms:issued>
    <dcterms:modified>2014-11-24</dcterms:modified>
    <skos:prefLabel>Common Terminology</skos:prefLabel>
    <skos:altLabel>Common Terminology (CT)</skos:altLabel>
    <skos:altLabel>CT</skos:altLabel>
    <skos:altLabel>ct</skos:altLabel>
    <skos:altLabel>ct1.1</skos:altLabel>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/contributor"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/date"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/description"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/format"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/identifier"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/language"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/publisher"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/relation"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/rights"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/subject"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/title"/>
    <skos:hasTopConcept rdf:resource="http://www.ct.iopdl.org/1.1/typeGenre"/>
  </skos:ConceptScheme>

  <!-- Concept: contributor -->
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor" xml:lang="en">
    <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
    <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/">
    <skos:prefLabel xml:lang="en">contributor</skos:prefLabel>
    <skos:definition xml:lang="en">The name of a person, organization, or event (conference, meeting, etc.) associated in
    some way with the resource (MODS).
  </skos:Concept>

```

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).</skos:definition>

<skos:note>Typically, the name of a Contributor should be used to indicate the entity.

The qualifiers that indicate what type or role of contributor name is recorded are personal, corporate, meeting and role.

Values can be literal or nonliteral (uri).</skos:note>

```
<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"/>
<skos:exactMatch>/marc/720</skos:exactMatch>
<skos:broadMatch>/mods/name/namePart</skos:broadMatch>
<skos:exactMatch>/qdc/contributor</skos:exactMatch>
<skos:exactMatch>/dc/contributor</skos:exactMatch>
<skos:exactMatch>/dcterms/contributor</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/contributor</skos:exactMatch>
<skos:exactMatch>/edm/Agent</skos:exactMatch>
```

```
<skos:exactMatch>/edm/Agent/dc:identifier,edm:begin,edm:end,edm:isRelatedTo,owl:sameAs,rdaGr2:biographicalInformation,rdaGr2:dateOfBirth,
```

```
rdaGr2:dateOfDeath,dateOfEstablishment,dateOfTermination,gender,placeOfBirth,placeOfDeath,professionOrOccupation,skos:altLabel,skos:note,skos:prefLabel</skos:exactMatch>
```

```
<skos:exactMatch>/edm/ore:Proxy/dc:contributor</skos:exactMatch>
```

```
</skos:Concept>
```

```
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/personal" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">personal name</skos:prefLabel>
<skos:definition xml:lang="en">The name of a person associated in some way with the resource (MODS).</skos:definition>
```

```
<skos:note>Sub-property of contributor common term that indicates the name of a person.
```

Values can be literal or nonliteral (uri).</skos:note>

```
<skos:exactMatch>/marc/100,700</skos:exactMatch>
<skos:exactMatch>/mods/name type="personal"</skos:exactMatch>
<skos:broadMatch>/mods_NLK/name[@type]</skos:broadMatch>
<skos:example>according to the value of name[@type], type will be decided:"personal", "corporate", or "meeting".</skos:example>
```

```
</skos:Concept>
```

```
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/corporate" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">corporate name</skos:prefLabel>
<skos:definition xml:lang="en">The name of a company, institution, or other organization (MODS) including a name of university or department.</skos:definition>
```

```
<skos:note>Sub-property of contributor common term that indicates the name of a corporate.
```

Values can be literal or nonliteral (uri).</skos:note>

```
<skos:exactMatch>/marc/110,710</skos:exactMatch>
<skos:exactMatch>/mods/name type="corporate"</skos:exactMatch>
<skos:narrowMatch>/qdc_MIT/contributor.department</skos:narrowMatch>
```

```
</skos:Concept>
```

```
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/meeting" xml:lang="en">
```

```

<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">meeting name</skos:prefLabel>
<skos:definition xml:lang="en">The name of an event (conference, meeting, etc.) associated in some way with the
resource (MODS).</skos:definition>
<skos:note>Sub-property of contributor that indicates the name of a conference or related type of meeting (MODS).
Values can be literal or nonliteral (uri).</skos:note>
<skos:exactMatch>/marc/111,711</skos:exactMatch>
<skos:exactMatch>/mods/name type="conference"</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/role" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">role</skos:prefLabel>
<skos:definition xml:lang="en">Designates the relationship (role) of the entity recorded in name to the resource
described in the record (MODS).</skos:definition>
<skos:note>Roles of contributor such as author, creator, .... or other are defined in LC MARC relators in CTScheme.
Values can be literal or nonliteral (uri).</skos:note>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/LCMARCreators" />
<skos:narrower>author</skos:narrower>
<skos:narrower>creator</skos:narrower>
<skos:narrower>other</skos:narrower>

<skos:exactMatch>/marc/100_code_e,700_code_e,100_code_4,700_code_4,110_code_e,710_code_e,110_code_4,710_code_4,111_code
_4,711_code_4</skos:exactMatch>
<skos:exactMatch>/mods/name/role/roleTerm</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/role/author" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">author</skos:prefLabel>
<skos:note>Values can be literal or nonliteral (uri).</skos:note>
<skos:exactMatch>/qdc_MIT/contributor.author</skos:exactMatch>
<skos:narrowMatch>/qdc_MIT/contributor.mitauthor</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/role/creator" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">creator</skos:prefLabel>
<skos:note>Values can be literal or nonliteral (uri).</skos:note>
<skos:exactMatch>/qdc/creator</skos:exactMatch>
<skos:exactMatch>/dc/creator</skos:exactMatch>
<skos:exactMatch>/dcterms/creator</skos:exactMatch>
<skos:exactMatch>/harvard/creator</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/creator</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:creator</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/contributor/role/other" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">other</skos:prefLabel>
<skos:exactMatch>/qdc_MIT/contributor.other</skos:exactMatch>
<skos:note>Values can be literal or nonliteral (uri).</skos:note>
<skos:narrowMatch>/qdc_MIT/contributor.advisor</skos:narrowMatch>
<skos:narrowMatch>/qdc_MIT/contributor.approver</skos:narrowMatch>

```

```
</skos:Concept>
```

```
<!-- Concept: date -->
```

```
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/date" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">date</skos:prefLabel>
  <skos:definition xml:lang="en">A point or period of time associated with an event in the lifecycle of the resource (DC).</skos:definition>
  <skos:note>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.</skos:note>
  <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" />
  <skos:exactMatch>/qdc/date</skos:exactMatch>
  <skos:exactMatch>/dc/date</skos:exactMatch>
  <skos:exactMatch>/dcterms/date</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/date,date/begin,date/end</skos:exactMatch>
  <skos:exactMatch>/edm/edm:TimeSpan,edm:TimeSpan/edm:begin,edm:TimeSpan/edm:end</skos:exactMatch>
  <skos:narrowMatch>/edm/edm:TimeSpan/dcterms:isPartOf,owl:sameAs,skos:prefLabel</skos:narrowMatch>
  <skos:exactMatch>/edm/ore:Proxy/dc:date</skos:exactMatch>
  <skos:narrowMatch>/edm/ore:Proxy/edm:year</skos:narrowMatch>
```

```
</skos:Concept>
```

```
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/date/issued" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">issued date</skos:prefLabel>
  <skos:definition xml:lang="en">Date of formal issuance (e.g., publication) of the resource (DC). The date that the resource was published, released, or issued (MODS).</skos:definition>
  <skos:note>Describe an issued date of the described resource including a created date, the date of creation of the resource (MODS).</skos:note>
  <skos:exactMatch>/marc/260_code_c,046_code_c_e,008_07-10,008_11-14,264_ind2=1,264_code_c</skos:exactMatch>
  <skos:exactMatch>/mods/originInfo/dateIssued</skos:exactMatch>
  <skos:exactMatch>/qdc/date issued</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/date.issued</skos:exactMatch>
  <skos:exactMatch>/dcterms/issued</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dcterms:issued</skos:exactMatch>
  <skos:exactMatch>/harvard/pub_date,pub_date_numeric</skos:exactMatch>
  <skos:narrowMatch>/marc/260_code_g,046_code_k_1,533_code_d,260_code_c Leader_06=d_f_p_t</skos:narrowMatch>
  <skos:narrowMatch>/mods/originInfo/dateCreated</skos:narrowMatch>
  <skos:narrowMatch>/qdc/date created</skos:narrowMatch>
  <skos:narrowMatch>/qdc_MIT/date.created</skos:narrowMatch>
  <skos:narrowMatch>/dcterms/created</skos:narrowMatch>
  <skos:narrowMatch>/edm/edm:WebResource,ore:Proxy/dcterms:created</skos:narrowMatch>
```

```
</skos:Concept>
```

```
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/date/copyright" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
```

```

<skos:prefLabel xml:lang="en">copyright date</skos:prefLabel>
<skos:definition xml:lang="en">A date in which a resource is copyrighted (MODS). Date of
copyright (DCMI).</skos:definition>
<skos:exactMatch>/marc/008_11-14_008_06=t,542_code_g</skos:exactMatch>
<skos:exactMatch>/mods/originInfo/copyrightDate</skos:exactMatch>
<skos:exactMatch>/qdc/date copyrighted</skos:exactMatch>
<skos:exactMatch>/qdc_MIT/date.copyright</skos:exactMatch>
<skos:exactMatch>/dcterms/dateCopyrighted</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/date/available" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">available date</skos:prefLabel>
<skos:definition xml:lang="en">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).</skos:definition>
<skos:note>available date includes the concept of valid date.</skos:note>
<skos:exactMatch>/marc/046_code_m_n,307</skos:exactMatch>
<skos:exactMatch>/mods/originInfo/dateValid</skos:exactMatch>
<skos:exactMatch>/qdc/date valid,date available</skos:exactMatch>
<skos:exactMatch>/dcterms/available,valid</skos:exactMatch>
<skos:narrowMatch>/dpla/sourceResource/displayDate</skos:narrowMatch>
<skos:narrowMatch>/edm/header/datestamp</skos:narrowMatch>
<skos:narrowMatch>/qdc_MIT/header/datestamp</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/date/modified" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">modified date</skos:prefLabel>
<skos:definition xml:lang="en">The date (often a range) in which a resource is modified or changed
(DCMI).</skos:definition>
<skos:exactMatch>/marc/046_code_j</skos:exactMatch>
<skos:exactMatch>/mods/originInfo/dateModified</skos:exactMatch>
<skos:exactMatch>/qdc/date modified</skos:exactMatch>
<skos:exactMatch>/dcterms/modified</skos:exactMatch>
<skos:exactMatch>/qdc_MIT/date.updated</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/date/dateOther" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">other date</skos:prefLabel>
<skos:definition>A date that does not fall into another category but is important to record (MODS).
It includes accepted date, submitted, and accessioned date.
Date of submission of the resource(DCMI). Date of acceptance of the resource(DCMI).</skos:definition>
<skos:exactMatch>/marc/264_ind2=0_2_3,264_code_c</skos:exactMatch>
<skos:exactMatch>/mods/originInfo/dateOther</skos:exactMatch>
<skos:narrowMatch>/qdc_MIT/date.submitted,date.accessioned</skos:narrowMatch>
<skos:narrowMatch>/dcterms/dateAccepted,dateSubmitted</skos:narrowMatch>
</skos:Concept>
<!-- Concept: description -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/">

```

```

<skos:prefLabel xml:lang="en">description</skos:prefLabel>
<skos:definition xml:lang="en">An account of the resource (DC). A term that designates how the resource is issued
(MODS).</skos:definition>
<skos:note xml:lang="en">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. Values can be literal or nonliteral (uri).</skos:note>
<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"/>
<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"/>
<skos:exactMatch>/marc/500,501,511,515,516,518,533,580</skos:exactMatch>
<skos:exactMatch>/mods/note</skos:exactMatch>
<skos:broadMatch>/mods/extension</skos:broadMatch>
<skos:exactMatch>/qdc/description</skos:exactMatch>
<skos:exactMatch>/dc/description</skos:exactMatch>
<skos:exactMatch>/dcterms/description</skos:exactMatch>
<skos:exactMatch>/harvard/note</skos:exactMatch>
<skos:exactMatch>/mods_NLK/extension/note</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/description</skos:exactMatch>
<skos:exactMatch>/edm/edm:WebResource/dc:description</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:description</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/recordinfo" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">recordinfo</skos:prefLabel>
<skos:definition xml:lang="en">Information about the metadata record (MODS).</skos:definition>
<skos:note xml:lang="en">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).</skos:note>
<skos:exactMatch>/marc/005,008_00-05,040,955,988</skos:exactMatch>
<skos:exactMatch>/mods/recordInfo/recordChangeDate,recordContentSource</skos:exactMatch>
<skos:narrowMatch>/dpla/admin/validation_message,object_status,valid_after_enrich</skos:narrowMatch>
<skos:narrowMatch>/dpla/@context,ingestDate,ingestionSequence,ingestType,@type</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/issuance" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">issuance</skos:prefLabel>
<skos:definition xml:lang="en">A term that designates how the resource is issued (MODS).</skos:definition>
<skos:note xml:lang="en">Issuance values are as follows: monographic, single unit, multipart monograph, continuing,

```

```

    serial, and integrating resource (MODS).
    Values can be literal or nonliteral (uri).</skos:note>
<skos:exactMatch>/marc/Leader_07</skos:exactMatch>
<skos:mappingRelation>/marc/Leader_07_code_b:continuing,Leader_07_code_a_c_d:monographic,Leader_07_code_m and
Leader_19_code_a_b_c:multipart monograph,
Leader_07_code_m and Leader_19_code_#:single unit, Leader_07_code_i:integrating resource,
Leader_07_code_s:serial</skos:mappingRelation>
<skos:exactMatch>/mods/originInfo/issuance</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/authentication" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">authentication</skos:prefLabel>
  <skos:definition xml:lang="en">One 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. </skos:definition>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCAuthentication"/>
  <skos:note xml:lang="en">Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/042</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/edition" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">edition</skos:prefLabel>
  <skos:definition xml:lang="en">Information identifying the version of the resource (MODS).</skos:definition>
  <skos:note xml:lang="en">Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/250,362,562</skos:exactMatch>
  <skos:exactMatch>/mods/originInfo/edition</skos:exactMatch>
  <skos:exactMatch>/mods/note type="version",note type="date_sequential designation",note type="version
  identification"</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/eprint.version</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/frequency" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">frequency</skos:prefLabel>
  <skos:definition xml:lang="en">A statement of publication frequency in a textual form (MODS).</skos:definition>
  <skos:note xml:lang="en">Use to define the publication pattern of the item (MODS) based on LC MARC Frequency of Issue
  Term List of LCMARCFrequency in CTDescription of CTScheme.
  Values can be literal or nonliteral (uri).</skos:note>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCFrequency"/>
  <skos:exactMatch>/marc/310,321,008_18</skos:exactMatch>
  <skos:exactMatch>/mods/originInfo/frequency</skos:exactMatch>

  <skos:mappingRelation>/marc/008_18_code_a:Annual,008_18_code_b:Bimonthly,008_18_code_c:Semiweekly,008_18_code_d:Daily,0
  08_18_code_e:Biweekly,008_18_code_f:Semiannual,
  008_18_code_g:Biennial,008_18_code_h:Triennial,008_18_code_i:Three times a week, 008_18_code_j:Three times a
  month,008_18_code_k:Continuously updated,
  008_18_code_m:Monthly,008_18_code_q:Quarterly,008_18_code_s:Semimonthly,008_18_code_t:Three times a
  year,008_18_code_u:Unknown,008_18_code_w:Weekly,008_18_code_#:Completely irregula</skos:mappingRelation>
  <skos:exactMatch>/qdc/accrual periodicity</skos:exactMatch>
  <skos:exactMatch>/dcterms/accrualPeriodicity</skos:exactMatch>

```

```

</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/thesis" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">thesis</skos:prefLabel>
  <skos:definition xml:lang="en">description about thesis</skos:definition>
  <skos:note xml:lang="en">Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/502</skos:exactMatch>
  <skos:exactMatch>/mods/note type="thesis"</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/bibliography" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">bibliography</skos:prefLabel>
  <skos:definition xml:lang="en">A bibliographic reference for the resource(DCMI).description about
  bibliography.</skos:definition>
  <skos:note xml:lang="en">Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/504</skos:exactMatch>
  <skos:exactMatch>/mods/note type="bibliography"</skos:exactMatch>
  <skos:exactMatch>/dcterms/bibliographicCitation</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/tableOfContents" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">table of contents</skos:prefLabel>
  <skos:definition xml:lang="en">A description of the contents of a resource (MODS).</skos:definition>
  <skos:note xml:lang="en">Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/505</skos:exactMatch>
  <skos:exactMatch>/mods/tableOfContents</skos:exactMatch>
  <skos:exactMatch>/qdc/description tableofContents</skos:exactMatch>
  <skos:exactMatch>/dcterms/tableOfContents</skos:exactMatch>
  <skos:exactMatch>/harvard/toc</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dcterms:tableOfContents</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/abstract" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">abstract</skos:prefLabel>
  <skos:definition xml:lang="en">A summary of the content of the resource (MODS).</skos:definition>
  <skos:note xml:lang="en">Describe abstract including Summary, Subject, Review, Scope and content, Content advice.
  Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/520</skos:exactMatch>
  <skos:exactMatch>/mods/abstract</skos:exactMatch>
  <skos:exactMatch>/qdc/description abstract</skos:exactMatch>
  <skos:exactMatch>/dcterms/abstract</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/audience" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">audience</skos:prefLabel>
  <skos:definition xml:lang="en">A description of the intellectual level of the audience for which the resource is
  intended (MODS).</skos:definition>
  <skos:note xml:lang="en">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).</skos:note>

```

```

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCTarget"/>
<skos:exactMatch>/marc/521</skos:exactMatch>
<skos:exactMatch>/mods/targetAudience</skos:exactMatch>

<skos:mappingRelation>/marc/008_22_code_d:adolescent,008_22_code_e:adult,008_22_code_g:general,008_22_code_b_c_j:juvenile,008_22_code_a:preschool,008_22_code_f:specialized</skos:mappingRelation>
<skos:exactMatch>/qdc/audience</skos:exactMatch>
<skos:exactMatch>/dcterms/audience,educationLevel</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/provenance" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">provenance</skos:prefLabel>
<skos:definition xml:lang="en">Information about the immediate source of acquisition of the described materials and is used primarily with original or historical items, or other archival collections. (MODS) Information concerning the ownership and custodial history of the described materials from the time of their creation to the time of their accessioning, including the time at which individual items or groups of items were first brought together in their current arrangement or collation. (MODS) including acquisition, Accrual Method. A statement of any changes in ownership and custody of the resource since its creation that are significant for its authenticity, integrity, and interpretation (DCMI). </skos:definition>
<skos:note xml:lang="en">Values can be literal or nonliteral (uri). </skos:note>
<skos:exactMatch>/marc/541</skos:exactMatch>
<skos:narrowMatch>/marc/561</skos:narrowMatch>
<skos:exactMatch>/mods/note type="acquisition"</skos:exactMatch>
<skos:exactMatch>/mods/note type="ownership"</skos:exactMatch>
<skos:exactMatch>/qdc/provenance,accrual method</skos:exactMatch>
<skos:exactMatch>/dcterms/accrualMethod,provenance</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dcterms:provenance</skos:exactMatch>
<skos:narrowMatch>/dpla/dataProvider</skos:narrowMatch>
<skos:narrowMatch>/dpla/provider/@id,name</skos:narrowMatch>
<skos:narrowMatch>/edm/ore:Aggregation/edm:dataProvider,edm:provider</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/action" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">action</skos:prefLabel>
<skos:definition xml:lang="en">Information about processing, reference, and preservation actions (MODS). It includes /mods/physicalDescription/reformattingQuality:Indicates an overall assessment of the physical quality of an electronic resource in relation to its intended use. (MODS) </skos:definition>
<skos:note xml:lang="en">Values can be literal or nonliteral (uri). </skos:note>
<skos:exactMatch>/marc/583</skos:exactMatch>
<skos:exactMatch>/mods/note type="action"</skos:exactMatch>
<skos:narrowMatch>/marc/007_13</skos:narrowMatch>
<skos:narrowMatch>/mods/physicalDescription/reformattingQuality</skos:narrowMatch>

<skos:mappingRelation>/marc/007_13_code_a:access,007_13_code_p:preservation,007_13_code_r:replacement</skos:mappingRelation>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/description/descriptionOther" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
<skos:prefLabel xml:lang="en">description other</skos:prefLabel>
<skos:definition xml:lang="en">A description of others that do not fall into another category including sponsorship,

```

```

eprint status, degree, citation of MIT.</skos:definition>
<skos:note xml:lang="en">Values can be literal or nonliteral (uri).</skos:note>
<skos:exactMatch>/marc/536,550,555</skos:exactMatch>
<skos:narrowMatch>/mods/note type="funding"</skos:narrowMatch>
<skos:narrowMatch>/qdc_MIT/description.sponsorship,eprint.status,description.degree</skos:narrowMatch>
<skos:narrowMatch>/harvard/ut_count,ut_id,wp_categories</skos:narrowMatch>
</skos:Concept>

<!-- Concept: format -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/format" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">format</skos:prefLabel>
  <skos:definition xml:lang="en">A designation of a particular physical presentation of a resource (form definition of MODS).
    The file format, physical medium, or dimensions of the resource (DC).</skos:definition>
  <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" />
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCMARCform" />
  <skos:exactMatch>/qdc/format</skos:exactMatch>
  <skos:exactMatch>/dc/format</skos:exactMatch>
  <skos:exactMatch>/dcterms/format</skos:exactMatch>
  <skos:exactMatch>/harvard/format</skos:exactMatch>
  <skos:exactMatch>/dpla/hasView/format</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/format</skos:exactMatch>
  <skos:exactMatch>/edm/edm:WebResource,ore:Proxy/dc:format</skos:exactMatch>
  <skos:broadMatch>/edm/skos:Concept</skos:broadMatch>

  <skos:broadMatch>/edm/skos:Concept/skos:altLabel,skos:broader,skos:closeMatch,skos:narrower,skos:notation,skos:note,skos:prefLabel,skos:related</skos:broadMatch>
  <skos:related>authority="LCMARCform"</skos:related>
  <skos:exactMatch>/marc/008_23_MU_MM_BK_SE,008_29_MP_VM</skos:exactMatch>
  <skos:exactMatch>/mods/physicalDescription/form,form authority="marccform"</skos:exactMatch>

  <skos:mappingRelation>/marc/008_23_MU_code_f,008_23_MM_code_f,008_29_MP_code_f,008_29_VM_code_f:braille,008_23_MU_code_s,008_23_MM_code_s,008_29_MP_code_s,008_29_VM_code_s:electronic,
008_23_MU_code_b,008_23_MM_code_b,008_29_MP_code_b,008_29_VM_code_b:microfiche,008_23_MU_code_a,008_23_MM_code_a,008_29_MP_code_a,008_29_VM_code_a:microfilm,
008_23_MU_code_'_r,008_23_MM_code_'_r,008_29_MP_code_'_r,008_29_VM_code_'_r,008_23_BK_code_'_r,008_23_CR_code_'_r,008_23_MU_code_'_r Leader_06=c_d:print
</skos:mappingRelation>
  <skos:related>authority="LCMARCcategory"</skos:related>
  <skos:exactMatch>/marc/007_00</skos:exactMatch>
  <skos:exactMatch>/mods/physicalDescription/form authority="marccategory"</skos:exactMatch>
  <skos:mappingRelation>/marc/007_00_code_a:map,007_00_code_c:electronic
resource,007_00_code_d:globe,007_00_code_f:tactile material,007_00_code_g:projected graphic,007_00_code_h:microform,
007_00_code_k:nonprojected graphic,007_00_code_m:motion picture,007_00_code_o:kit,007_00_code_q:notated

```

```

music,007_00_code_r:remote sensing image,
007_00_code_s:sound recording,007_00_code_t:text,007_00_code_v:videorecording</skos:mappingRelation>
<skos:narrowMatch>/marc/007_11_CF</skos:narrowMatch>
<skos:narrowMatch>/mods/physicalDescription/digitalOrigin</skos:narrowMatch>
<skos:mappingRelation>/marc/007_11_CF_code_a:reformatted digital,007_11_CF_code_b:digitized
microform,007_11_CF_code_d:digitized other analog</skos:mappingRelation>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCgmd"/>
<skos:related>authority="LCgmd"</skos:related>
<skos:exactMatch>/marc/130_code_h,240_code_h,242_code_h,245_code_h,246_code_h,730_code_h</skos:exactMatch>
<skos:exactMatch>/mods/physicalDescription/form authority="gmd"</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/format/extent" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">extent</skos:prefLabel>
  <skos:definition xml:lang="en">A statement of the number and specific material of the units of the resource that
express physical extent (MODS).
  <skos:note>The size or duration of the resource (DC).</skos:note>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/300,347,256_code_a</skos:exactMatch>
  <skos:exactMatch>/mods/physicalDescription/extent</skos:exactMatch>
  <skos:exactMatch>/qdc/format extent</skos:exactMatch>
  <skos:exactMatch>/dcterms/extent</skos:exactMatch>
  <skos:exactMatch>/harvard/height,height_numeric</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/extent</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dcterms:extent</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/format/medium" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">medium</skos:prefLabel>
  <skos:definition xml:lang="en">The material or physical carrier of the resource (DCMI-terms).</skos:definition>
  <skos:note>"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.</skos:note>
  <skos:related>authority="rfc2046"</skos:related>
  <skos:exactMatch>/marc/856_code_q,340,337,338,382</skos:exactMatch>
  <skos:exactMatch>/mods/physicalDescription/internetMediaType</skos:exactMatch>
  <skos:exactMatch>/qdc/format IMT,format Medium,format mimetype</skos:exactMatch>
  <skos:exactMatch>/dcterms/medium</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dcterms:medium</skos:exactMatch>
</skos:Concept>
<!-- Concept: identifier -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">identifier</skos:prefLabel>
  <skos:definition xml:lang="en">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).</skos:definition>
<skos:note>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).
</skos:note>
<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"/>
<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/object"/>
<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"/>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier"/>
<skos:exactMatch>/marc/856_code_u_ind2=3_4_5_6_7</skos:exactMatch>
<skos:exactMatch>/mods/identifier</skos:exactMatch>
<skos:exactMatch>/qdc/identifier</skos:exactMatch>
<skos:exactMatch>/dc/identifier</skos:exactMatch>
<skos:exactMatch>/dcterms/identifier</skos:exactMatch>
<skos:exactMatch>/harvard/record_id,id</skos:exactMatch>
<skos:exactMatch>/mods_NLK/contentsId</skos:exactMatch>
<skos:exactMatch>/dpla/_id,id</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/identifier</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:identifier</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/uri" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">uri</skos:prefLabel>
  <skos:definition xml:lang="en">Uniform resource identifier (uri).</skos:definition>
  <skos:exactMatch>/marc/856_code_u_y_3_ind2=#_0_1_2_8,856_code_z</skos:exactMatch>
  <skos:narrowMatch>/mods/location/url</skos:narrowMatch>
  <skos:exactMatch>/qdc/identifier URI</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/identifier.uri</skos:exactMatch>
  <skos:exactMatch>/harvard/url</skos:exactMatch>
  <skos:exactMatch>/dpla/@id,hasView,isShownAt,aggregatedCHO</skos:exactMatch>
  <skos:exactMatch>/dpla/hasView/@id,@id:</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/@id</skos:exactMatch>
  <skos:exactMatch>/edm/edm:ProvidedCHO,edm:WebResource</skos:exactMatch>
  <skos:exactMatch>/edm/edm:ProvidedCHO/owl:sameAs</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Aggregation/edm:aggregatedCHO,edm:hasView,edm:isShownAt,edm:isShownBy</skos:exactMatch>
  <skos:exactMatch>/edm/header/identifier</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/isbn" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />

```

```

<skos:prefLabel xml:lang="en">isbn</skos:prefLabel>
<skos:definition xml:lang="en">International Standard Book Number</skos:definition>
<skos:note>International Standard Book Number: http://www.isbn.org/.
  Values can be literal or nonliteral (uri).</skos:note>
<skos:exactMatch>/marc/020_code_a</skos:exactMatch>
<skos:exactMatch>/mods/identifier type="isbn"</skos:exactMatch>
<skos:exactMatch>/qdc_MIT/identifier.isbn</skos:exactMatch>
<skos:exactMatch>/harvard/id_isbn</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/issn" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">issn</skos:prefLabel>
  <skos:definition xml:lang="en">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).</skos:definition>
  <skos:note>International Standard Serial Number: http://www.issn.org/.
    Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/022_code_a</skos:exactMatch>
  <skos:exactMatch>/mods/identifier type="issn"</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/identifier.issn</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/controlNumber" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">control number</skos:prefLabel>
  <skos:definition xml:lang="en">A serial or catalog number. Values can be literal or nonliteral (uri).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/001,003,035,019_code_a,029_code_a</skos:exactMatch>
  <skos:exactMatch>/mods/recordInfo/recordIdentifier</skos:exactMatch>
  <skos:narrowMatch>/qdc_MIT/identifier.oclc</skos:narrowMatch>
  <skos:exactMatch>/harvard/call_num</skos:exactMatch>
  <skos:narrowMatch>/harvard/id_oclc</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/lccn" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">lccn</skos:prefLabel>
  <skos:definition xml:lang="en">Library of Congress Control Number, s serially based system of numbering cataloging
  records
    in the Library of Congress in the United States (Wikipedia). </skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/010</skos:exactMatch>
  <skos:exactMatch>/mods/identifier type="lccn"</skos:exactMatch>
  <skos:exactMatch>/harvard/id_lccn</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/nationalBibliographyNumber" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">national bibliography number</skos:prefLabel>
  <skos:definition xml:lang="en">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).</skos:definition>
  <skos:note>National Bibliography Number Sources: http://www.loc.gov/standards/sourcelist/national-bibliography.html.

```

```

    Values can be literal or nonliteral (uri).</skos:note>
    <skos:exactMatch>/marc/015,016</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/object" xml:lang="en">
    <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
    <skos:prefLabel xml:lang="en">object</skos:prefLabel>
    <skos:definition xml:lang="en">An unambiguous URL reference to the DPLA digital content preview of the
    item. (DPLA).</skos:definition>
    <skos:note>Type="ismn" is changed into type="object", since DPLA uses object for each item resource.</skos:note>
    <skos:exactMatch>/dpla/object</skos:exactMatch>
    <skos:exactMatch>/edm/edm:WebResource</skos:exactMatch>
    <skos:exactMatch>/edm/ore:Aggregation/edm:isShownBy,edm:object</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/identifierOther" xml:lang="en">
    <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
    <skos:prefLabel xml:lang="en">identifierOther</skos:prefLabel>
    <skos:definition xml:lang="en">It includes isrc, ean, sici, upc, aleph, govdoc, or pmid identifiers.It includes ismn
    also, which is International Standard Music Number (ISO 10957) that uniquely identifies
    editions of notated music has been updated in the revised standard ISO 10957:2009 (ISO).</skos:definition>
    <skos:note>International Standard Music Number:
    http://www.iso.org/iso/home/news_index/news_archive/news.htm?refid=Ref1256.
    Values can be literal or nonliteral (uri).</skos:note>
    <skos:narrowMatch>/marc/024_not_code_a ind1=2,994,024_code_a ind1=2</skos:narrowMatch>
    <skos:narrowMatch>/mods/identifier type="isrc",type="sici",type="upc",type="ismn"</skos:narrowMatch>
    <skos:exactMatch>/qdc_MIT/identifier.other</skos:exactMatch>
    <skos:narrowMatch>/qdc_MIT/identifier.aleph,identifier.govdoc,identifier.pmid,identifier.citation</skos:narrowMatch>
    <skos:narrowMatch>/qdc/identifier ismn</skos:narrowMatch>
    <skos:narrowMatch>/qdc_MIT/identifier.mitlicense</skos:narrowMatch>
    <skos:narrowMatch>/harvard/id_inst</skos:narrowMatch>
    <skos:narrowMatch>/dpla/_rev</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/issueNumber" xml:lang="en">
    <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
    <skos:prefLabel xml:lang="en">issue number</skos:prefLabel>
    <skos:definition xml:lang="en">It includes matrix number, music publisher, music plate, or videorecording
    identifier.</skos:definition>
    <skos:note>Values can be literal or nonliteral (uri).</skos:note>
    <skos:exactMatch>/marc/028</skos:exactMatch>
    <skos:exactMatch>/mods/identifier type="issue number"</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/collection" xml:lang="en">
    <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
    <skos:prefLabel xml:lang="en">collection</skos:prefLabel>
    <skos:definition xml:lang="en">An aggregation of resources(DCMI).
    it includes physicalLocation, which typically includes specific information used to locate a resource within a
    collection,
    such as the name or code of an institution/repository, and perhaps subcollection.(MODS)</skos:definition>
    <skos:note>Values can be literal or nonliteral (uri).</skos:note>
    <skos:exactMatch>/marc/852</skos:exactMatch>
    <skos:exactMatch>/mods/location</skos:exactMatch>

```

```

<skos:exactMatch>/mods/location/physicalLocation</skos:exactMatch>
<skos:exactMatch>/qdc/MIT/Collection,setSpec</skos:exactMatch>
<skos:exactMatch>/harvard/collection,dataset_tag</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/collection/@id,description,id,name,title</skos:exactMatch>
<skos:exactMatch>/edm/header/setSpec</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/doi" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">doi</skos:prefLabel>
  <skos:definition xml:lang="en">digital object identifier (DOI).</skos:definition>
  <skos:note>digital object identifier (DOI): http://www.doi.org/. Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/856_code_u urn:doi,doi</skos:exactMatch>
  <skos:exactMatch>/mods/identifier type="doi"</skos:exactMatch>
  <skos:example>using identifier type="doi", if http://www.doi.org/ or doi is included in identifier.</skos:example>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/hdl" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">hdl</skos:prefLabel>
  <skos:definition xml:lang="en">Handle System</skos:definition>
  <skos:note>Handle System: http://hdl.net/. Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/856_code_u urn:hdl,hdl</skos:exactMatch>
  <skos:exactMatch>/mods/identifier type="hdl"</skos:exactMatch>
  <skos:example>using identifier type="hdl", if http://hdl.handle.net or hdl is included in identifier.</skos:example>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/identifier/source" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">source</skos:prefLabel>
  <skos:definition xml:lang="en">A related resource 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, or OCLC).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier"/>
  <skos:exactMatch>/marc/906</skos:exactMatch>
  <skos:example>identifier source="Harvard"</skos:example>
  <skos:exactMatch>/harvard/data_source</skos:exactMatch>
</skos:Concept>
<!-- Concept: language -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/language" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">language</skos:prefLabel>
  <skos:definition xml:lang="en">A language of the resource (DCMI). A designation of the language in which the content
  of a resource is expressed (MODS).</skos:definition>
  <skos:note>Values can be string or language codes.</skos:note>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage"/>
  <skos:exactMatch>/marc/377,546</skos:exactMatch>
  <skos:exactMatch>/mods/language/languageTerm,scriptTerm</skos:exactMatch>
  <skos:exactMatch>/qdc/language</skos:exactMatch>
  <skos:exactMatch>/dc/language</skos:exactMatch>

```

```

<skos:exactMatch>/dcterms/language</skos:exactMatch>
<skos:exactMatch>/harvard/language</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/language,language/name</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:language</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-2"/>
<skos:related>authority="iso639-2"</skos:related>
<skos:exactMatch>/marc/008_35-37,041_not_code_2</skos:exactMatch>
<skos:exactMatch>/mods/language/languageTerm authority="iso639-2b"</skos:exactMatch>
<skos:exactMatch>/qdc/language ISO639-2</skos:exactMatch>
<skos:exactMatch>/qdc_MIT/language.iso</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-3"/>
<skos:related>authority="iso639-3"</skos:related>
<skos:exactMatch>/marc/041_code_2="iso639-3"</skos:exactMatch>
<skos:exactMatch>/mods/language/languageTerm authority="iso639-3"</skos:exactMatch>
<skos:exactMatch>/qdc/language ISO639-3</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/language/iso639_3</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc1766"/>
<skos:related>authority="rfc1766"</skos:related>
<skos:exactMatch>/marc/041_code_2="rfc1766"</skos:exactMatch>
<skos:exactMatch>/mods/language/languageTerm authority="rfc1766"</skos:exactMatch>
<skos:exactMatch>/qdc/language RFC1766</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc3066"/>
<skos:related>authority="rfc3066"</skos:related>
<skos:exactMatch>/marc/041_code_2="rfc3066"</skos:exactMatch>
<skos:exactMatch>/mods/language/languageTerm authority="rfc3066"</skos:exactMatch>
<skos:exactMatch>/qdc/language RFC3066</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc4646"/>
<skos:related>authority="rfc4646"</skos:related>
<skos:exactMatch>/marc/041_code_2="rfc4646"</skos:exactMatch>
<skos:exactMatch>/mods/language/languageTerm authority="rfc4646"</skos:exactMatch>
<skos:exactMatch>/qdc/language RFC4646</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/MARCCodeListforLanguages"/>
</skos:Concept>

<!-- Concept: publisher -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/publisher" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">publisher</skos:prefLabel>
  <skos:definition xml:lang="en">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).
  </skos:definition>
  <skos:note>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).</skos:note>
  <skos:narrower rdf:resource="http://www.ct.iopdl.org/1.1/publisher/place"/>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166"/>

```

```

<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/marccountry"/>
<skos:exactMatch>/marc/260_code_b,260,264_code_b,044</skos:exactMatch>
<skos:exactMatch>/mods/originInfo/publisher</skos:exactMatch>
<skos:exactMatch>/qdc/publisher</skos:exactMatch>
<skos:exactMatch>/dc/publisher</skos:exactMatch>
<skos:exactMatch>/dcterms/publisher</skos:exactMatch>
<skos:exactMatch>/harvard/publisher</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/publisher</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:publisher</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/publisher/place" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">place</skos:prefLabel>
  <skos:definition xml:lang="en">Name of a place associated with the issuing,
  publication, release, distribution, manufacture, production, or origin of a resource (MODS).
  It includes the concept of currentLocation of Europeana: The geographic location and/or name of the repository,
  building, site, or other entity whose boundaries presently include the resource (Europeana)</skos:definition>
  <skos:note>It can use authority="iso3166" of CTSubject in CTScheme.
    Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/044_code_a,260_code_a_e,264_code_a</skos:exactMatch>
  <skos:exactMatch>/mods/originInfo/place/placeTerm</skos:exactMatch>
  <skos:exactMatch>/mods/extension/regionOfPublishing</skos:exactMatch>
  <skos:exactMatch>/mods_NLK/extension/regionOfPublishing</skos:exactMatch>
  <skos:exactMatch>/harvard/pub_location</skos:exactMatch>
  <skos:broadMatch>/harvard/holding_libs</skos:broadMatch>
  <skos:broadMatch>/dpla/stateLocatedIn/name</skos:broadMatch>
  <skos:broadMatch>/dpla/sourceResource/stateLocatedIn</skos:broadMatch>
  <skos:broadMatch>/dpla/sourceResource/stateLocatedIn/name</skos:broadMatch>
  <skos:broadMatch>/edm/edm:EuropeanaAggregation/edm:country</skos:broadMatch>
  <skos:broadMatch>/edm/edm:Place</skos:broadMatch>

  <skos:broadMatch>/edm/edm:Place/dcterms:hasPart,dcterms:isPartOf,owl:sameAs,skos:altLabel,skos:note,skos:prefLabel,wgs8
  4:lat,wgs84:long</skos:broadMatch>
  <skos:broadMatch>/edm/ore:Proxy/edm:currentLocation</skos:broadMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/marccountry"/>
  <skos:related>authority="marccountry"</skos:related>
  <skos:exactMatch>/marc/008_15-17</skos:exactMatch>
  <skos:exactMatch>/mods/originInfo/place/placeTerm authority="marccountry"</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166"/>
  <skos:related>authority="iso3166"</skos:related>
  <skos:exactMatch>/marc/044_code_c</skos:exactMatch>
  <skos:exactMatch>/mods/originInfo/place/placeTerm authority="iso3166"</skos:exactMatch>
  <skos:exactMatch>/qdc/coverage spatial ISO3166</skos:exactMatch>
</skos:Concept>

<!-- Concept: relation -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">relation</skos:prefLabel>

```

```

<skos:definition xml:lang="en">Information that identifies other resources related to the one being described
(MODS). A related resource (DCMI).</skos:definition>
<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/hasPart"/>
<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"/>
<skos:exactMatch>/marc/856 ind2=2</skos:exactMatch>
<skos:exactMatch>/mods/relatedItem/titleInfo/title</skos:exactMatch>
<skos:narrowMatch>/mods/relatedItem/name/namePart</skos:narrowMatch>
<skos:narrowMatch>/mods/relatedItem/recordInfo/recordIdentifier</skos:narrowMatch>
<skos:exactMatch>/qdc/relation</skos:exactMatch>
<skos:exactMatch>/qdc_MIT/relation.uri</skos:exactMatch>
<skos:exactMatch>/dc/relation</skos:exactMatch>
<skos:exactMatch>/dcterms/relation</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/relation</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:relation</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/original" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">original</skos:prefLabel>
  <skos:definition xml:lang="en">Information concerning an original form of the resource (MODS).</skos:definition>
  <skos:note>It includes Source concept, a related resource from which the described resource is derived (DCMI),
  and Relation IsVersionOf of QDC:A related resource of which the described resource is a version, edition, or
  adaptation.
    Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/534,786</skos:exactMatch>
  <skos:exactMatch>/mods/relatedItem type="original"</skos:exactMatch>
  <skos:exactMatch>/dc/source</skos:exactMatch>
  <skos:exactMatch>/qdc/source,source uri</skos:exactMatch>
  <skos:exactMatch>/dcterms/source</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dc:source</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/isPartOf" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">isPartOf</skos:prefLabel>
  <skos:definition xml:lang="en">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).</skos:definition>
  <skos:note>It includes Relation IsPartOf (QDC),dc.relation.journal, or dc.relation.ispartofseries of MIT.
  Values can be literal or nonliteral (uri).</skos:note>
  <skos:narrowMatch>/marc/440,760,762,800,810,811,830,490 ind1=0,772,773</skos:narrowMatch>
  <skos:narrowMatch>/mods/relatedItem type="series"</skos:narrowMatch>
  <skos:narrowMatch>/mods/relatedItem type="host"</skos:narrowMatch>
  <skos:exactMatch>/qdc/relation isPartOf,relation isPartOf uri</skos:exactMatch>
  <skos:narrowMatch>/qdc_MIT/relation.journal,relation.ispartofseries</skos:narrowMatch>

```

```

<skos:exactMatch>/dcterms/isPartOf</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/isPartOf</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dcterms:isPartOf</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/reference" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">reference</skos:prefLabel>
  <skos:definition xml:lang="en">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).</skos:definition>
  <skos:note>It includes Relation IsReferencedBy of QDC. 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).</skos:note>
  <skos:exactMatch>/marc/510,787</skos:exactMatch>
  <skos:narrowMatch>/mods/relatedItem type="isReferencedBy"</skos:narrowMatch>
  <skos:narrowMatch>/qdc/relation isReferencedBy,references,isReferencedBy uri,references uri</skos:narrowMatch>
  <skos:narrowMatch>/dcterms/references,isReferencedBy</skos:narrowMatch>
  <skos:narrowMatch>/edm/ore:Proxy/dcterms:isReferencedBy,dcterms:references</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/otherFormat" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">other format</skos:prefLabel>
  <skos:definition xml:lang="en">Information concerning another format (i.e. change in physical format) of the resource
    (MODS).</skos:definition>
  <skos:note>It includes Relation HasFormat-A related resource that is substantially the same as the pre-existing
    described resource, but in another format (DCMI),
    and 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).</skos:note>
  <skos:exactMatch>/marc/530,776</skos:exactMatch>
  <skos:exactMatch>/mods/relatedItem type="otherFormat"</skos:exactMatch>
  <skos:narrowMatch>/qdc/relation hasFormat,isFormatOf,hasFormat uri,isFormatOf uri</skos:narrowMatch>
  <skos:narrowMatch>/dcterms/hasFormat,isFormatOf</skos:narrowMatch>
  <skos:exactMatch>/mods_NLK/relatedItem[@type]</skos:exactMatch>
  <skos:example>depending on the value of /mods_NLK/relatedItem[@type], relation type will be decided, such as relation
    type="otherFormat"</skos:example>
  <skos:narrowMatch>/edm/ore:Proxy/dcterms:hasFormat</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/hasPart" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">has part</skos:prefLabel>
  <skos:definition xml:lang="en">Information concerning a constituent unit of the resource.
    This allows for more specific parsed information than may be used in 'tableOfContents' (MODS).</skos:definition>
  <skos:note>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).</skos:note>
  <skos:exactMatch>/marc/700 ind2=2,710 ind2=2,711 ind2=2,730 ind2=2,740 ind2=2,770,774</skos:exactMatch>
  <skos:exactMatch>/mods/relatedItem type="constituent"</skos:exactMatch>
  <skos:exactMatch>/qdc/relation hasPart,relation hasPart uri</skos:exactMatch>
  <skos:exactMatch>/dcterms/hasPart</skos:exactMatch>

```

```

<skos:exactMatch>/mods_NLK/relatedItem/part</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dcterms:hasPart</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/otherVersion" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">other version</skos:prefLabel>
  <skos:definition xml:lang="en">Information concerning another version (i.e. change in intellectual content) of the
  resource (MODS).</skos:definition>
  <skos:note>It includes Relation HasVersion (QDC)-A related resource that is a version, edition, or adaptation of the
  described resource (DCMI),
    and 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).</skos:note>
  <skos:exactMatch>/marc/775</skos:exactMatch>
  <skos:exactMatch>/mods/relatedItem type="otherVersion"</skos:exactMatch>
  <skos:narrowMatch>/qdc/relation hasVersion,hasVersion uri,isVersionOf,isVersionOf uri</skos:narrowMatch>
  <skos:narrowMatch>/dcterms/hasVersion,isVersionOf</skos:narrowMatch>
  <skos:narrowMatch>/qdc_MIT/relation.isversionof</skos:narrowMatch>
  <skos:narrowMatch>/edm/ore:Proxy/dcterms:isVersionOf</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/replacement" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">replacement</skos:prefLabel>
  <skos:definition xml:lang="en">A related resource that is supplanted, displaced, or superseded by the described
  resource-Replaces (DCMI).</skos:definition>
  <skos:note>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).</skos:note>
  <skos:narrowMatch>/marc/780,785</skos:narrowMatch>
  <skos:narrowMatch>/mods/relatedItem type="preceding",relatedItem type="succeeding"</skos:narrowMatch>
  <skos:narrowMatch>/qdc/relation replaces,replaces uri,isReplacedBy,isReplacedBy uri</skos:narrowMatch>
  <skos:narrowMatch>/dcterms/isReplacedBy,replaces</skos:narrowMatch>
  <skos:narrowMatch>/edm/ore:Proxy/dcterms:isReplacedBy,dcterms:replaces</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/relation/requirement" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">requirement</skos:prefLabel>
  <skos:definition xml:lang="en">A related resource that is required by the described resource to support its function,
  delivery, or coherence-Requires (DCMI).</skos:definition>
  <skos:note>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).</skos:note>
  <skos:exactMatch>/marc/538</skos:exactMatch>
  <skos:narrowMatch>/qdc/relation requires,requires uri,isRequiredBy,isRequiredBy uri</skos:narrowMatch>
  <skos:narrowMatch>/dcterms/requires,isRequiredBy</skos:narrowMatch>
  <skos:narrowMatch>/edm/ore:Proxy/dcterms:requires</skos:narrowMatch>
</skos:Concept>

```

```

<!-- Concept: rights -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/rights" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">rights</skos:prefLabel>
  <skos:definition xml:lang="en">Information about rights held in and over the resource (DCMI). Information about
restrictions imposed on access to a resource (MODS).</skos:definition>
  <skos:note>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.statementofresponsibility.
  Values can be literal or nonliteral (uri).</skos:note>
  <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" />
  <skos:exactMatch>/marc/540</skos:exactMatch>
  <skos:exactMatch>/mods/accessCondition,accessCondition type="useAndReproduction"</skos:exactMatch>
  <skos:exactMatch>/qdc/rights,rights.uri</skos:exactMatch>
  <skos:narrowMatch>/qdc_MIT/description.statementofresponsibility</skos:narrowMatch>
  <skos:exactMatch>/dc/rights</skos:exactMatch>
  <skos:exactMatch>/dcterms/rights</skos:exactMatch>
  <skos:exactMatch>/dpla/hasView/rights</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/rights</skos:exactMatch>
  <skos:exactMatch>/edm/edm:WebResource,ore:Aggregation/dc:rights,edm:rights</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dc:rights</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/rights/access" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">access</skos:prefLabel>
  <skos:definition xml:lang="en">Rights AccessRights (QDC)-Information about who can access the resource or an
indication of its security status (DCMI).
it includes license-A legal document giving official permission to do something with the resource.</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri)</skos:note>
  <skos:exactMatch>/marc/506</skos:exactMatch>
  <skos:exactMatch>/mods/accessCondition type="restrictionsOnAccess"</skos:exactMatch>
  <skos:exactMatch>/qdc/rights accessRights</skos:exactMatch>
  <skos:exactMatch>/mods_NLK/accessCondition/licenseType</skos:exactMatch>
  <skos:exactMatch>/dcterms/accessRights,license</skos:exactMatch>
  <skos:narrowMatch>/qdc_MIT/identifier.mitlicense</skos:narrowMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/rights/holder" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">holder</skos:prefLabel>
  <skos:definition xml:lang="en">Rights RightsHolder (QDC)-A person or organization owning or managing rights over the
resource (DCMI).</skos:definition>
  <skos:note>It includes copyright. Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/245_code_c,542</skos:exactMatch>
  <skos:exactMatch>/qdc/rights rightsHolder</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/rights.holder</skos:exactMatch>
  <skos:exactMatch>/dcterms/rightsHolder</skos:exactMatch>
</skos:Concept>
<!-- Concept: subject -->

```

```

<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/subject" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">subject</skos:prefLabel>
  <skos:definition xml:lang="en">A term or phrase representing the primary topic(s) on which a work is focused (MODS).
    The topic of the resource (DC). It includes coverage concept that is the spatial or temporal topic of the
    resource, the spatial applicability of the resource, or the jurisdiction under which the resource is relevant
    (DC).</skos:definition>
  <skos:note>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).</skos:note>
  <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:exactMatch>/marc/600,610,611,630,650,653,654,072</skos:exactMatch>
  <skos:exactMatch>/mods/subject/topic,keyword,name/namePart,titleInfo/title</skos:exactMatch>
  <skos:exactMatch>/qdc/subject</skos:exactMatch>
  <skos:exactMatch>/dc/subject</skos:exactMatch>
  <skos:exactMatch>/dcterms/subject</skos:exactMatch>
  <skos:exactMatch>/harvard/loc_call_num_subject</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/subject</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/subject/name</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dc:subject</skos:exactMatch>
  <skos:broadMatch>/edm/skos:Concept</skos:broadMatch>

  <skos:broadMatch>/edm/skos:Concept/skos:altLabel,skos:broader,skos:closeMatch,skos:narrower,skos:notation,skos:note,sko
  s:prefLabel,skos:related</skos:broadMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsh" />
  <skos:related>authority="lcsh"</skos:related>
  <skos:exactMatch>/marc/600,610,611,630,648,650,651 ind2=0</skos:exactMatch>
  <skos:exactMatch>/mods/subject authority="lcsh"</skos:exactMatch>
  <skos:exactMatch>/qdc/subject LCSH</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/subject.lcsh</skos:exactMatch>
  <skos:exactMatch>/harvard/lcsh</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcshac" />
  <skos:related>authority="lcshac"</skos:related>
  <skos:exactMatch>/marc/600,610,611,630,648,650,651 ind2=1</skos:exactMatch>
  <skos:exactMatch>/mods/subject authority="lcshac"</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/mesh" />
  <skos:related>authority="mesh"</skos:related>
  <skos:exactMatch>/marc/600,610,611,630,648,650,651 ind2=2</skos:exactMatch>
  <skos:exactMatch>/mods/subject authority="mesh"</skos:exactMatch>
  <skos:exactMatch>/qdc/subject MeSH</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/csh" />
  <skos:related>authority="csh"</skos:related>
  <skos:exactMatch>/marc/600,610,611,630,648,650,651 ind2=5</skos:exactMatch>
  <skos:exactMatch>/mods/subject authority="csh"</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nal" />
  <skos:related>authority="nal"</skos:related>
  <skos:exactMatch>/marc/600,610,611,630,648,650,651 ind2=3</skos:exactMatch>

```

```

<skos:exactMatch>/mods/subject authority="nal"</skos:exactMatch>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/rvm"/>
<skos:related>authority="rvm"</skos:related>
<skos:exactMatch>/marc/600,610,611,630,648,650,651 ind2=6</skos:mappingRelation>
<skos:exactMatch>/mods/subject authority="rvm""</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/subject/spatial" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">spatial</skos:prefLabel>
  <skos:definition xml:lang="en">Spatial characteristics of the resource (DCMI). Used for geographic subject terms (MODS).</skos:definition>
  <skos:note>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).</skos:note>
  <skos:exactMatch>/marc/033_code_b_c,034,043,052,255,522,600_code_z,610_code_z,611_code_z,630_code_z,648_code_z,650_code_z,651_not_code_2=tgn ind2=7,653_code_a ind2=5,662,751,752</skos:exactMatch>
  <skos:exactMatch>/mods/subject/hierarchicalGeographic, cartographics, geographic</skos:exactMatch>
  <skos:exactMatch>/qdc/coverage spatial</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/coverage.spatial</skos:exactMatch>
  <skos:exactMatch>/dcterms/spatial</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/spatial</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dcterms:spatial</skos:exactMatch>
  <skos:broadMatch>/dc/coverage</skos:broadMatch>
  <skos:broadMatch>/dcterms/coverage</skos:broadMatch>
  <skos:broadMatch>/edm/ore:Proxy/dc:coverage</skos:broadMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn"/>
  <skos:related>authority="tgn"</skos:related>
  <skos:exactMatch>/marc/651_code_2=tgn ind2=7</skos:exactMatch>
  <skos:exactMatch>/mods/subject/geographic</skos:exactMatch>
  <skos:exactMatch>/qdc/coverage spatial TGN</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166"/>
  <skos:related>authority="iso3166"</skos:related>
  <skos:exactMatch>/marc/043_code_c,507</skos:exactMatch>
  <skos:exactMatch>/mods/subject/geographicCode</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/subject/temporal" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">temporal</skos:prefLabel>
  <skos:definition xml:lang="en">Temporal characteristics of the resource (DCMI). Used for chronological subject terms or temporal coverage (MODS).</skos:definition>
  <skos:note>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).</skos:note>
  <skos:exactMatch>/marc/033_code_a,045,513,533_code_b,600_code_y,610_code_y,611_code_y,630_code_y,648_code_a,650_code_y,651_code_y,653_code_a ind2=4</skos:exactMatch>
  <skos:exactMatch>/mods/subject/temporal</skos:exactMatch>
  <skos:exactMatch>/qdc/coverage temporal</skos:exactMatch>

```

```

<skos:exactMatch>/dcterms/temporal</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/temporal</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/temporal/begin,end,displayDate</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dcterms:temporal</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/subject/classification" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">classification</skos:prefLabel>
  <skos:definition xml:lang="en">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).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/mods/classification</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcc"/>
  <skos:related>authority="lcc"</skos:related>
  <skos:exactMatch>/marc/050</skos:exactMatch>
  <skos:exactMatch>/mods/classification authority="lcc"</skos:exactMatch>
  <skos:exactMatch>/qdc/subject LCC</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/subject.lcc</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/ddc"/>
  <skos:related>authority="ddc"</skos:related>
  <skos:exactMatch>/marc/082</skos:exactMatch>
  <skos:exactMatch>/mods/classification authority="ddc"</skos:exactMatch>
  <skos:exactMatch>/qdc/subject DDC</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/udc"/>
  <skos:related>authority="udc"</skos:related>
  <skos:exactMatch>/marc/080</skos:exactMatch>
  <skos:exactMatch>/mods/classification authority="udc"</skos:exactMatch>
  <skos:exactMatch>/qdc/subject UDC</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nlm"/>
  <skos:related>authority="nlm"</skos:related>
  <skos:exactMatch>/marc/060</skos:exactMatch>
  <skos:exactMatch>/mods/classification authority="nlm"</skos:exactMatch>
  <skos:exactMatch>/qdc/subject NLM</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/sudocs"/>
  <skos:related>authority="sudocs"</skos:related>
  <skos:exactMatch>/marc/086_code_a ind1=0</skos:exactMatch>
  <skos:exactMatch>/mods/classification authority="sudocs"</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/candocs"/>
  <skos:related>authority="candocs"</skos:related>
  <skos:exactMatch>/marc/086_code_a ind1=1</skos:exactMatch>
  <skos:exactMatch>/mods/classification authority="candocs"</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn"/>
  <skos:related>authority="tgn"</skos:related>
  <skos:exactMatch>/marc/655_code_2=tgn ind2=7</skos:exactMatch>
  <skos:exactMatch>/qdc/subject TGN</skos:exactMatch>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/subjectOther"/>
  <skos:related>authority="subjectOther"</skos:related>
  <skos:exactMatch>/marc/084</skos:exactMatch>
  <skos:exactMatch>/harvard/loc_call_num_sort_order</skos:exactMatch>
</skos:Concept>

```

```

<!-- Concept: title -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">title</skos:prefLabel>
  <skos:definition xml:lang="en">A word, phrase, character, or group of characters, normally appearing in a resource,
  that names it or the work contained in it (MODS).
    A name given to the resource (DCMI).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <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/part" />
  <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" />
  <skos:exactMatch>/marc/245,222</skos:exactMatch>
  <skos:exactMatch>/mods/titleInfo/title</skos:exactMatch>
  <skos:exactMatch>/qdc/title</skos:exactMatch>
  <skos:exactMatch>/dc/title</skos:exactMatch>
  <skos:exactMatch>/dcterms/title</skos:exactMatch>
  <skos:exactMatch>/harvard/title,title_link_friendly,title_sort</skos:exactMatch>
  <skos:exactMatch>/dpla/sourceResource/title</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dc:title</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title/abbreviated" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">abbreviated</skos:prefLabel>
  <skos:definition xml:lang="en">Title as abbreviated for indexing or identification (MODS).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/210_code_a</skos:exactMatch>
  <skos:exactMatch>/mods/titleInfo type="abbreviated"/title</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title/uniform" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">uniform</skos:prefLabel>
  <skos:definition xml:lang="en">The uniform title used as a main entry in a bibliographic record (MODS).
  </skos:definition>
  <skos:note>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).</skos:note>
  <skos:exactMatch>/marc/130,240,243_code_a,730_not_ind2=2</skos:exactMatch>
  <skos:exactMatch>/mods/titleInfo type="uniform"/title</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title/part" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">part number and name</skos:prefLabel>
  <skos:definition xml:lang="en">A part or section number of a title (MODS). A part or section name of a
  title (MODS)</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>

```

```

<skos:exactMatch>/marc/245_code_n_p,242_code_n_p,246_code_n_p,130_code_n_p,240_code_n_p,730_code_n_p,740_code_n_p</skos:exactMatch>
<skos:exactMatch>/mods/titleInfo/partNumber,partName</skos:exactMatch>
<skos:exactMatch>/harvard/pages,pages_numeric</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title/translated" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">translated</skos:prefLabel>
  <skos:definition xml:lang="en">Translation or transcription of the main title (MODS).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/242_code_a,246_code_a_ind2=1</skos:exactMatch>
  <skos:exactMatch>/mods/titleInfo type="translated"/title</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title/alternative" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">alternative</skos:prefLabel>
  <skos:definition xml:lang="en">Varying form of the title if it contributes to the further identification of the item (MODS).
    An alternative name for the resource (DCMI).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/246_code_a_f,740_code_a_h</skos:exactMatch>
  <skos:exactMatch>/mods/titleInfo type="alternative"/title</skos:exactMatch>
  <skos:exactMatch>/qdc/title alternative</skos:exactMatch>
  <skos:exactMatch>/qdc_MIT/title.alternative</skos:exactMatch>
  <skos:exactMatch>/dcterms/alternative</skos:exactMatch>
  <skos:exactMatch>/edm/ore:Proxy/dcterms:alternative</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/title/subtitle" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">subtitle</skos:prefLabel>
  <skos:definition xml:lang="en">A word, phrase, character, or group of characters that contains the remainder of the title information after the title proper (MODS).</skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:exactMatch>/marc/245_code_b,210_code_b,242_code_b,246_code_b</skos:exactMatch>
  <skos:exactMatch>/mods/titleInfo/subTitle</skos:exactMatch>
  <skos:exactMatch>/harvard/sub_title</skos:exactMatch>
</skos:Concept>
<!-- Concept: typeGenre -->
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/typeGenre" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:topConceptOf rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">typeGenre</skos:prefLabel>
  <skos:definition xml:lang="en">A term that specifies the characteristics and general type of content of the resource (MODS).
    The nature of the resource (DCMI).</skos:definition>
  <skos:note>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.</skos:note>

```

```

<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"/>
<skos:exactMatch>/mods/typeOfResource</skos:exactMatch>
<skos:exactMatch>/dc/type</skos:exactMatch>
<skos:exactMatch>/qdc/type</skos:exactMatch>
<skos:exactMatch>/qdc_MIT/type.uri</skos:exactMatch>
<skos:exactMatch>/dcterms/type</skos:exactMatch>
<skos:exactMatch>/dpla/sourceResource/specType,type</skos:exactMatch>
<skos:exactMatch>/edm/ore:Proxy/dc:type,edm:type</skos:exactMatch>
<skos:broadMatch>/edm/skos:Concept</skos:broadMatch>

<skos:broadMatch>/edm/skos:Concept/skos:altLabel,skos:broader,skos:closeMatch,skos:narrower,skos:notation,skos:note,skos:prefLabel,skos:related</skos:broadMatch>
<skos:related>authority="LCMARCtype"</skos:related>
<skos:mappingRelation>/marc/Leader_06 a_t:Text,e_f:Cartographic,c_d:notated music,i:sound recording-nonmusical,j:sound recording-musical,k:still image,g:moving image,o:Kit,r:three dimensional object,m:software_multimedia,p:mixed material,Leader_07 a:Monographic component part,b:Serial component part,c:Collection,d:Subunit,i:Integrating resource,m:Monograph/Item,s:Serial</skos:mappingRelation>
<skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/DCMItype"/>
<skos:related>authority="DCMItype"</skos:related>
<skos:exactMatch>/marc/655_code_2=dc</skos:exactMatch>
<skos:exactMatch>/qdc/type DCMI Type Vocabulary</skos:exactMatch>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/typeGenre/genre" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">genre</skos:prefLabel>
  <skos:definition xml:lang="en">A term(s) that designates a category characterizing a particular style, form, or content, such as artistic, musical, literary composition, etc. The genre of the resource. </skos:definition>
  <skos:note>Values can be literal or nonliteral (uri).</skos:note>
  <skos:related rdf:resource="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCgenre"/>
  <skos:exactMatch>/marc/655,047,336,653_code_a ind2=6,600_code_v,610_code_v,611_code_v,630_code_v,648_code_v,650_code_v,651_code_v</skos:exactMatch>
  <skos:exactMatch>/mods/genre</skos:exactMatch>
  <skos:mappingRelation>/marc/008_24_code_a:abstract or summary,008_33_code_a:art original,008_33_code_c:art reproduction,008_25_code_e:atlas,,007_01_code_d:atlas,008_30-31_code_a:autobiography,008_24_code_b:bibliography,008_34_code_a_b_c_d:biography,008_30-31_code_b:biography,008_24_code_5:calendar,008_24_code_c:catalog,008_33_code_n:chart,008_24_code_6:comic or graphic novel,008_33_code_c:comic strip,008_29_code_1:conference publication,008_30-31_code_c:conference publication,008_21_code_d:database,008_26_code_e:database,008_24_code_d:dictionary,008_33_code_d:diorama,008_24_code_r:directory,008_24_code_k:discography,008_33_code_d:drama,008_30-31_code_d:drama,008_24_code_e:encyclopedia,008_33_code_e:essay,008_30-31_code_e:essay,008_30_code_1:festschrift,008_33_code_1:fiction,008_30-31_code_f:fiction,008_24_code_q:filmography,008_33_code_f:filmstrip,008_33_code_o:flash card,008_30-31_code_o:folktale,

008_26_code_f:font,008_26_code_g:game,008_33_code_k:graphic,008_25_code_d:globe,008_28_code_a_c_f_i_l_m_o_s_u_z_|:government publication,
008_24_code_f:handbook,008_30-31_code_h:history,008_33_code_h:humor_satire,008_30-31_code_k:humor_satire,

008_24_code_i:index,008_30-31_code_i:instruction,008_30-31_code_t:interview,008_33_code_b:kit,008_30-31_code_j:language

```

```

    instruction,
    008_24_code_w:law report or digest,008_24_code_g:legal article,008_24_code_v:legal case and case notes,
    008_24_code_l:legislation,008_33_code_i:letter,008_21_code_l:loose-leaf,008_25_code_a_b_c:map,007_01_code_j:map,
    008_30-31_code_m:memoir,008_33_code_p:microscope slide,008_33_code_q:model,007_01_code_q:model,008_33_code_m:motion
    picture,
    008_21_code_n:newspaper,008_33_code_f:novel,008_26_code_a:numeric data,008_24_code_2:offprint,008_24_code_j:patent,
    008_21_code_p:periodical,008_33_code_i:picture,008_33_code_p:poetry,008_30-31_code_p:poetry,008_24_code_p:programmed
    text,
    008_33_code_r:realia,008_30-31_code_r:rehearsal,007_01_code_r:remote sensing image,008_30-31_code_g:reporting,
    008_24_code_o:review,008_21_code_m:series,008_33_code_j:short story,008_33_VM_code_s:slide,008_26_code_h:sound,
    008_30-31_code_s:sound,008_33_BK_code_s:speech,008_30-31_code_l:speech,008_24_code_u:standard or specification,
    008_24_code_s:statistics,008_24_code_n:survey of literature,008_33_code_l:technical drawing,008_24_code_t:technical
    report,
    008_24_code_m:theses,008_33_code_w:toy,008_33_code_t:transparency,008_24_code_z:treaty,008_33_code_v:videorecording,
    008_21_code_w:web site,008_24_code_y:yearbook</skos:mappingRelation>
</skos:Concept>

<!-- CTScheme -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">CTScheme</skos:prefLabel>
  <skos:definition 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.
  </skos:definition>
  <skos:member rdf:parseType="Collection">
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription" />
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat" />
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier" />
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage" />
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator" />
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject" />
    <skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre" />
  </skos:member>
</skos:Collection>

<!--CTDescription -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">CTDescription</skos:prefLabel>
  <skos:definition xml:lang="en">CTDescription is a set of authorities:
    - LCMARCauthentication (LC, MARC Authentication Action Code List)
    - LCMARCfrequency (LC, MARC Frequency of Issue Term List)
    - LCMARCTarget (LC, MARC Target Audience Term List)
  </skos:definition>
  <skos:member rdf:parseType="Collection">
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCauthentication" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCfrequency" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCTarget" />
  </skos:member>

```

```

</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCauthentication" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">LC MARC authentication</skos:prefLabel>
  <skos:definition xml:lang="en">MARC Authentication Action Code List (LC).</skos:definition>
  <skos:note>MARC Authentication Action Code List: http://www.loc.gov/standards/valuelist/marcauthen.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCfrequency" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">LC MARC frequency</skos:prefLabel>
  <skos:definition xml:lang="en">MARC Frequency of Issue Term List (LC).</skos:definition>
  <skos:note>MARC Frequency of Issue Term List: http://www.loc.gov/standards/valuelist/marcfrequency.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTDescription/LCMARCTarget" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">LC MARC target</skos:prefLabel>
  <skos:definition xml:lang="en">MARC Target Audience Term List (LC).</skos:definition>
  <skos:note>MARC Target Audience Term List: http://www.loc.gov/standards/valuelist/marctarget.html</skos:note>
</skos:Concept>

<!--CTFormat -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">CTFormat</skos:prefLabel>
  <skos:definition xml:lang="en">A set of authorities, the controlled list from which the value is taken (MODS), to
  define format.
    CTFormat has following authorities:
    - authority="LCMARCform" (LC, MARC Form of Item Term List)
    - authority="LCgmd" (LC)
    - authority="rfc2046" (NWG)
  </skos:definition>
  <skos:member rdf:parseType="Collection">
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCMARCform"/>
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCgmd"/>
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/rfc2046"/>
  </skos:member>
</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCMARCform" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">LCMARCform</skos:prefLabel>
  <skos:definition xml:lang="en">MARC Form Category Term List.</skos:definition>
  <skos:note>MARC Form Category Term List: http://www.loc.gov/standards/valuelist/marccategory.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/LCgmd" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">LCgmd</skos:prefLabel>
  <skos:definition xml:lang="en">Genre/Form Code and Term Source Codes (LC).</skos:definition>
  <skos:note>Genre/Form Code and Term Source Codes: http://www.loc.gov/standards/sourcelist/genre-form.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTFormat/rfc2046" xml:lang="en">

```

```

<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
<skos:prefLabel xml:lang="en">rfc2046</skos:prefLabel>
<skos:definition>Multipurpose Internet Mail Extensions (MIME) Media Types</skos:definition>
<skos:note>Multipurpose Internet Mail Extensions (MIME) Media Types: https://www.ietf.org/rfc/rfc2046.txt</skos:note>
</skos:Concept>

<!--CTIdentifier -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">CTIdentifier</skos:prefLabel>
  <skos:definition xml:lang="en">CTIdentifier is a set of sources where the described resource comes from:
    mit, harvard, uiuc, oclc, DLC: Library of Congress, DPLA, RLIN Research Libraries Group, VEN Vendor (Harvard).
    It may include any organization, institution, or libraries that provide metadata records later.
  </skos:definition>
  <skos:member rdf:parseType="Collection">
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Harvard" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/MIT" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/DPLA" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Europeana" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/NationalLibraryofKorea" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/UIUC" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/OCLC" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/LibraryofCongress" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/ResearchLibrariesGroup" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Vendor" />
  </skos:member>
</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Harvard" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">Harvard University</skos:prefLabel>
  <skos:definition xml:lang="en">Harvard resource</skos:definition>
  <skos:note>Harvard library resource: http://library.harvard.edu/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/MIT" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">Massachusetts Institute of Technology</skos:prefLabel>
  <skos:definition xml:lang="en">MIT resource</skos:definition>
  <skos:note>MIT library resource: http://libraries.mit.edu/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/DPLA" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">Digital Public Library of America (DPLA)</skos:prefLabel>
  <skos:definition xml:lang="en">Digital Public Library of America resource</skos:definition>
  <skos:note>http://dp.la/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Europeana" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">Europeana</skos:prefLabel>
  <skos:definition xml:lang="en">Europeana resource</skos:definition>
  <skos:note>http://europeana.eu/portal/</skos:note>

```

```

</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/NationalLibraryofKorea" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">National Library of Korea</skos:prefLabel>
  <skos:definition xml:lang="en">National Library of Korea resource</skos:definition>
  <skos:note>http://www.nl.go.kr/nl/index.jsp</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/UIUC" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">UIUC</skos:prefLabel>
  <skos:definition xml:lang="en">UIUC resource</skos:definition>
  <skos:note>UIUC library resource: http://www.library.illinois.edu/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/OCLC" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">OCLC</skos:prefLabel>
  <skos:definition xml:lang="en">OCLC resource</skos:definition>
  <skos:note>OCLC resource: https://oclc.org/en-US/home.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/LibraryofCongress" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">Library of Congress</skos:prefLabel>
  <skos:definition xml:lang="en">LibraryofCongress resource</skos:definition>
  <skos:note>Library of Congress resource: http://www.loc.gov/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/ResearchLibrariesGroup" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">Research Libraries Group</skos:prefLabel>
  <skos:definition xml:lang="en">Research Libraries Group resource</skos:definition>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTIdentifier/Vendor" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">Vendor</skos:prefLabel>
  <skos:definition xml:lang="en">Vendor resource</skos:definition>
</skos:Concept>

<!--CTLanguage -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">CTLanguage</skos:prefLabel>
  <skos:definition 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).

```

```

</skos:definition>
<skos:member rdf:parseType="Collection">
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-2"/>
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-3"/>
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc1766"/>
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc3066"/>
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc4646"/>
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/MARCCodeListforLanguages"/>
</skos:member>
</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-2" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">iso639-2</skos:prefLabel>
  <skos:definition>Codes for the representation of names of languages</skos:definition>
  <skos:note>iso639-2: http://www.loc.gov/standards/iso639-2/,
  http://www.loc.gov/standards/iso639-2/php/code_list.php</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/iso639-3" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">iso639-3</skos:prefLabel>
  <skos:definition>>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</skos:definition>
  <skos:note>iso639-3: http://www-01.sil.org/iso639-3/codes.asp</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc1766" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">rfc1766</skos:prefLabel>
  <skos:definition>Tags for the Identification of Languages</skos:definition>
  <skos:note>rfc1766: https://www.ietf.org/rfc/rfc1766.txt </skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc3066" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">rfc3066</skos:prefLabel>
  <skos:definition>Tags for Identification of Languages</skos:definition>
  <skos:note>rfc3066: https://www.ietf.org/rfc/rfc3066.txt</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/rfc4646" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">rfc4646</skos:prefLabel>
  <skos:definition>Tags for Identifying Languages</skos:definition>
  <skos:note>rfc4646: http://www.ietf.org/rfc/rfc4646.txt </skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTLanguage/MARCCodeListforLanguages" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/">
  <skos:prefLabel xml:lang="en">MARC Code List for Languages</skos:prefLabel>
  <skos:note>MARCCodeListforLanguages: http://www.loc.gov/marc/languages/language_code.html.</skos:note>
</skos:Concept>
<!--CTRelator -->

```

```

<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">CTRelator</skos:prefLabel>
  <skos:definition xml:lang="en">A set of authorities, the controlled list from which the value is taken (MODS), to
  define relator terms for role:
    - authority="LCMARCrelators" which is lists for MARC and MODS relator values.
    - authority="Unknown" for QDC-MIT
</skos:definition>
<skos:member rdf:parseType="Collection">
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/LCMARCrelators" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/Unknown" />
</skos:member>
</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/LCMARCrelators" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">LC MARC relators</skos:prefLabel>
  <skos:note>MARC Code List for Relators: http://www.loc.gov/marc/relators/relaterm.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTRelator/Unknown" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">Unknown</skos:prefLabel>
  <skos:note>Any other roles that are not defined in MARC Code List for Relators such as MIT relators (ex. ordered
  authors).</skos:note>
</skos:Concept>

<!--CTSubject -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">CTSubject</skos:prefLabel>
  <skos:definition xml:lang="en">CTSubject is a set of authorities for subject headings and classifications:
    - authority="lccsh", "lccshac", "mesh", "csh", "nal", "rvm", "iso3166";
    for "classification"
    - authority="lcc", "ddc", "udc", "nlm", "sudocs", "candocs", "tgn", and "other".
</skos:definition>
<skos:member rdf:parseType="Collection">
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lccsh" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lccshac" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/mesh" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/csh" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nal" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/rvm" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcc" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/ddc" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/udc" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nlm" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/sudocs" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/candocs" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn" />
  <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/marccountry" />

```

```

    </skos:member>
</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcsh" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">lcsh</skos:prefLabel>
  <skos:definition>Library of Congress Subject Headings</skos:definition>
  <skos:note>http://id.loc.gov/authorities/subjects.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcshac" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">lcshac</skos:prefLabel>
  <skos:definition>Lcshac : Library of Congress AC subject headings</skos:definition>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/mesh" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">mesh</skos:prefLabel>
  <skos:definition>MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing
  articles for PubMed (MeSH).</skos:definition>
  <skos:note>http://www.ncbi.nlm.nih.gov/mesh</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/csh" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">csh</skos:prefLabel>
  <skos:definition>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).</skos:definition>

  <skos:note>https://www.bac-lac.gc.ca/eng/services/canadian-subject-headings/Pages/canadian-subject-headings.aspx</skos:
  note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nal" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">nal</skos:prefLabel>
  <skos:definition>National Agricultural Library subject category codes</skos:definition>
  <skos:note>http://agricola.nal.usda.gov/help/categorycodes.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/rvm" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">rvm</skos:prefLabel>
  <skos:definition>RVM is a partially bilingual encyclopedic thesaurus whose terms are classified according to a
  specific syntax (RVM).</skos:definition>
  <skos:note>https://rvmweb.bibl.ulaval.ca/en/a-propos</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/lcc" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
  <skos:prefLabel xml:lang="en">lcc</skos:prefLabel>
  <skos:definition>Library of Congress Classification Outline</skos:definition>
  <skos:note>http://www.loc.gov/catdir/cpsol/lcco/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/ddc" xml:lang="en">

```

```

<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">ddc</skos:prefLabel>
<skos:definition>Dewey Decimal Classification</skos:definition>
<skos:note>http://www.oclc.org/dewey/resources/summaries.en.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/iso3166" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">iso3166</skos:prefLabel>
<skos:definition>Country Codes - ISO 3166</skos:definition>
<skos:note>http://www.iso.org/iso/country_codes.htm.</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/udc" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">udc</skos:prefLabel>
<skos:definition>Universal Decimal Classification is one of the most widely used classification schemes for all
fields of knowledge (UDC consortium)</skos:definition>
<skos:note>http://www.udcc.org</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/nlm" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">nlm</skos:prefLabel>
<skos:definition>National Library of Medicine classification.</skos:definition>
<skos:note>https://www.nlm.nih.gov/class/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/sudocs" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">sudocs</skos:prefLabel>
<skos:definition>The Superintendent of Documents Classification System</skos:definition>
<skos:note>http://www.archives.gov/research/alic/reference/admin-history/classification-system.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/candocs" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">candocs</skos:prefLabel>
<skos:definition>Library of Congress Subject Headings</skos:definition>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/tgn" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">tgn</skos:prefLabel>
<skos:definition>The Getty Thesaurus of Geographic Names</skos:definition>
<skos:note>http://www.getty.edu/research/tools/vocabulary/tgn/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/subjectOther" xml:lang="en">
<skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/"/>
<skos:prefLabel xml:lang="en">subjectOther</skos:prefLabel>
<skos:definition>Classification number from a scheme not covered by one of the other number fields.</skos:definition>
<skos:note>Uses a scheme other than the Library of Congress Classification, the classification systems of Library and
Archives Canada,
the National Library of Medicine, the National Agricultural Library, the U.S. Government Printing Office, Universal
Decimal Classification,
or Dewey Decimal Classification schemes. These latter numbers are recorded in fields 050 (Library of Congress Call

```

```

Number) ,
055 (Classification Numbers Assigned in Canada), 060 (National Library of Medicine Call Number), 070 (National
Agricultural Library Call Number),
086 (Government Document Classification Number), 080 (Universal Decimal Classification Number), and 082 (Dewey
Decimal Classification Number), respectively.
Field 084 is also used for numbers assigned from the CODOC system used in Canada to classify government
documents. (MODS)</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTSubject/marccountry" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">MARC Code List for Countries (Library of Congress)</skos:prefLabel>
  <skos:definition>It contains a list of places and their associated two- or three-character lowercase alphabetic codes.
  The list includes individual codes for presently existing national entities, states of the United States,
  provinces and territories of Canada, divisions of the United Kingdom, and internationally recognized
  dependencies</skos:definition>
  <skos:note>https://www.loc.gov/marc/countries/</skos:note>
</skos:Concept>

<!--CTTypeGenre -->
<skos:Collection rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">CTTypeGenre</skos:prefLabel>
  <skos:definition xml:lang="en">A set of authorities to describe type/genre.
  CTTypeGenre includes the following authorities:
  • authority="LCMARCTYPE" for MARC and MODS values of typeOfResource,
  • authority="DCMItype" for DCMItype vocabulary
  • authority="LCMARCgenre," which is list of MARC Genre terms.</skos:definition>
  <skos:note>The 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.</skos:note>
  <skos:member rdf:parseType="Collection">
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCTYPE" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/DCMItype" />
    <skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCgenre" />
  </skos:member>
</skos:Collection>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCTYPE" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">LC MARC type</skos:prefLabel>
  <skos:definition>MARC Code List for Content Types (LC).</skos:definition>
  <skos:note>http://www.loc.gov/standards/valuelist/marccontent.html</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/DCMItype" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />
  <skos:prefLabel xml:lang="en">DCMI type</skos:prefLabel>
  <skos:definition>DCMItype Vocabulary:The DCMItype 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).</skos:definition>
  <skos:note>http://dublincore.org/documents/dcmi-type-vocabulary/</skos:note>
</skos:Concept>
<skos:Concept rdf:about="http://www.ct.iopdl.org/1.1/CTScheme/CTTypeGenre/LCMARCgenre" xml:lang="en">
  <skos:inScheme rdf:resource="http://www.ct.iopdl.org/1.1/" />

```

```
<skos:prefLabel xml:lang="en">LC MARC genre</skos:prefLabel>  
<skos:definition>MARC Genre Term List</skos:definition>  
<skos:note>http://www.loc.gov/standards/valuelist/marcgt.html</skos:note>  
</skos:Concept>  
</rdf:RDF>
```