University of Vermont Center for Digital Initiatives - Data Dictionary

Identifier

Mandatory: Yes
Controlled: Yes
Repeatable: Yes

MODS element: identifier
MODS attributes: type, displayLabel, ID, lang, script, xml:lang, xlink
MODS Definition:

Guidelines
Example:
   <identifier type="uri">http://library.uvm.edu/cdi/item:33</identifier>

Title

Mandatory: Yes
Controlled: Follow best practice guidelines for creating and formatting a title.
Repeatable: Yes

MODS element: titleInfo
MODS subelements: title, subtitle, partNumber, partName, nonSort
MODS attributes: type, authority, transliteration, ID, lang, script, xml:lang, xlink
MODS Definition:

Guidelines:
Example:
   <titleInfo type="uniform">
      <title>Fax from Senator Leahy</title>
      <subTitle>RE: Senator Jeffords' Leadership on Lake Champlain</subTitle>
   </titleInfo>

Creator

Mandatory: If available
Controlled: Follow best practice guidelines for formatting.
Repeatable: Yes

MODS element: name
MODS subelements: namePart, displayForm, affiliation, role
MODS attributes: type, authority, transliteration, ID, lang, script, xml:lang, xlink

Definition: The name of a person, organization, or event (conference, meeting, etc.) associated in some way with the resource.

Application: "name" is a wrapper element that contains all subelements related to name information. It is equivalent to the MARC 21 1XX and 7XX fields or Creator and Contributor in Dublin Core. If it is desired to indicate the concept of main entry, the <role> subelement may be used with the value "creator" (e.g. <role><roleTerm type="text">creator</roleTerm></role>. Other role values may be used to indicate the particular relationship between the name and the resource. The type of name (personal, corporate, conference) may be indicated, although this is not required.

Guidelines:
Example:
```
<name type="personal">
   <namePart> Aiken, George D. (George David)</namePart>
  <namePart type="date"> 1892-1984</date>
   <role>
      <roleTerm>author</roleTerm>
   </role>
</name>
```

Contributor

Mandatory: If available
Controlled: Follow best practice guidelines for formatting.
Repeatable: Yes

MODS element: name
MODS subelements: namePart, displayForm, affiliation, role
MODS attributes: type, authority, transliteration, ID, lang, script, xml:lang, xlink
MODS Definition: see above

Guidelines
Example:
```
<name type="corporate">
   <namePart>Bailey/Howe Library, The University of Vermont</namePart>
   <role>
      <roleTerm>contributor</roleTerm>
   </role>
</name>
```

Date digitized

Mandatory: Yes
Controlled: Follow best practice guidelines for formatting.
Repeatable: No

MODS element: dateCreated [subelement of orginInfo]
MODS attributes: encoding, point, keyDate, qualifier
MODS Definition:

Guidelines
- This date should be represented as a single date not a range or approximate date.
- Dates should follow the ISO date format "YYYY-MM-DD." Use a single hyphen to separate the year, month, and date components:
  Examples:
    o `<dateCreated>2006-05-09</dateCreated>`
      (for May 9, 2006)

Publisher

Mandatory: Yes
Controlled: Yes
Repeatable: No

MODS element: publisher [subelement of orginInfo]
MODS attributes: type, displayLabel

> **Definition:** The name of the entity that published, printed, distributed, released, issued, or produced the resource.

> **Application:** "publisher" includes the name of a publisher/originator or a statement about publication/origin. It is equivalent to MARC 21 field 260 subfield $b.

Guidelines:
Contents of this field are fixed: Center for Digital Initiatives, Bailey/Howe Library, The University of Vermont

Source document

Mandatory: No
Controlled: Follow best practice guidelines for creating and formatting
Repeatable: Yes

MODS element: relatedItem
MODS attributes: type, displayLabel, xlink:href

Definition: Information that identifies other resources related to the one being described.

Application: "relatedItem" includes a designation of the specific type of relationship as a value of the type attribute and is a controlled list of types enumerated in the schema. <relatedItem> is a container element under which any MODS element may be used as a subelement. It is thus fully recursive.

Guidelines
- o Source includes publication information of source document including publisher and date of publication.
- o Type attribute should be used with the value of original
- • Dates should follow the ISO date format "YYYY-MM-DD." Use a single hyphen to separate the year, month, and date components:
  Examples:
    - o 2006-05-09 (for May 9, 2006)
    - o 2006 -05 (for May 2006)
    - o 2006 (for just the year 2006)

Example:
```
<relatedItem type="original">
  <location>
    <physicalLocation>collection, box#,  folder#)</physicalLocation>
  </location>
   <originInfo>
     <publisher>Blackwell Publishers</publisher>
     <place>
        <placeTerm type="text">Oxford</placeTerm>
     </place>
     <dateIssued>1994</dateIssued>
   </originInfo>
</relatedItem>
```

Guidelines

Subject

Mandatory: Yes
Controlled: Yes
Repeatable: Yes

MODS element: subject
MODS subelements: topic, geographic, temporal, titleInfo, name, hierarchicalGeographic, cartographics, geographicCode, occupation
MODS attributes: authority

Definition: A term or phrase representing the primary topic(s) on which a work is focused.

Application: "subject" is a wrapper tag that binds together subelements. If the subject is a controlled heading from an authoritative list, use the authority attribute to indicate the authority. If it is not desired to parse the subject subelements, use <subject><topic> and a string. If no authority attribute is present, the data is assumed to be an uncontrolled term. Repeat the subject for each subject string.

Controlled Vocabularies:
    LCSH

Guidelines
Example:
```
<subject authority="lcsh">
    <topic>Real property</topic>
    <geographic>Mississippi</geographic>
    <geographic>Tippah County</geographic>
    <topic>Maps</topic>
</subject>
```

Geographic coverage

Mandatory: No
Controlled: Yes
Repeatable: Yes

MODS element: geographic [subelement of subject]
MODS attributes: none

MODS Definition: "geographic" is used for geographic subject terms that are not parsed as hierarchical geographics. If the geographic name is part of a corporate body (i.e., United States. Senate), it is coded as <name>, not <geographic>. <geographic> is equivalent to MARC 21 field 651 and 6XX subfield $z.

Controlled Vocabularies:

Guidelines:
See subject [above]

Document type

Mandatory: Yes
Controlled: Yes
Repeatable: Yes

MODS element: typeOfResource
MODS attributes: collection, manuscript

> **Definition:** A term that specifies the characteristics and general type of content of the resource.
>
> **Application:** "typeOfResource" is generally equivalent to the type of record codes in MARC 21 Leader/06 in that it differentiates the resource being described as to content type. A controlled list of textual values are used. Attributes are used to further indicate whether the resource is a collection (i.e. an aggregation of items, designated in MARC 21 in Leader/07 Bibliographic level) or manuscript in nature (designated in MARC 21 as a separate Leader/06 code that combines the manuscript property with a resource type). This element includes a high-level type that categorizes the material in a general way. More specific typing is done in the <genre> element.
>
> The attributes "collection" and "manuscript" are associated with a specific value used in <typeOfResource>. For example, a MODS object which consists of a collection of maps with associated text would be represented by two instances of <typeOfResource>. The first would be "cartographic" with attribute collection="yes," and the second would be "text" (with no attribute).

Allowed Values:

- **text** (for "language material"; includes MARC 21 Leader/06 values "a" and "t").
- **cartographic** (includes MARC 21 Leader/06 values "e" and "f").
- **notated music** (includes MARC 21 Leader/06 values "c" and "d").
- **sound recording** - This value by itself is used when a mixture of musical and nonmusical sound recordings occurs in a resource or when a user does not want to make a distinction between musical and nonmusical.
- **sound recording-musical** - This is roughly equivalent to MARC 21 Leader/06 value "j" and is used when a resource is predominately a musical sound recording.
- **sound recording-nonmusical** - This is roughly equivalent to MARC 21 Leader/06 value "i" and is used when the sound recording is nonmusical in nature.
- **still image** (includes MARC 21 value "k") - Note that Leader/06 value "k" in MARC 21 is defined as "Two-dimensional nonprojectible graphic" so that this is not an exact equivalent. Slides and transparencies are also considered still images in MODS, although in MARC 21 they are coded as Leader/06 code "g" (projected medium).
- **moving image** (includes MARC 21 Leader/06 value "g") - Note that value "g" in MARC 21 is defined as "Projected medium," so this is not an exact equivalent. It includes motion pictures and videorecordings, as well as television programs, digital video and animated computer graphics, but not slides and transparencies. It does not include moving images that are primarily computer programs, such as

computer games or computer-oriented multimedia (these are included in "software, multimedia").

- **three dimensional object** (includes MARC 21 Leader/06 value "r").
- **software, multimedia** (includes MARC 21 Leader/06 value "m") - This value is appropriate for any electronic resource without a significant aspect that indicates on of the other <typeOfResource> categories. It includes: software, numeric data, computer-oriented multimedia and online systems and services.
- **mixed material** (includes MARC 21 Leader/06 value "p") - This value uses the same definitions as value "p" (It indicates that there are significant materials in two or more forms that are usually related by virtue of their having been accumulated by or about a person or body. Mixed material includes archival fonds and manuscript collections of mixed forms of materials, such as text, photographs, and sound recordings.)

Guidelines:
Examples:
> <typeOfResource collection="yes">text</typeOfResource>

Genre

Mandatory: No
Controlled: Yes
Repeatable: Yes

MODS element: genre
MODS attributes: type, authority

> **Definition:** A term(s) that designates a category characterizing a particular style, form, or content, such as artistic, musical, literary composition, etc.

> **Application:** "genre" contains terms that give more specificity than the broad terms used in <typeOfResource>. The terms may be from a controlled list with a designation of the authoritative list used in the authority attribute, or it may be an uncontrolled term. If no authority is specified, it is assumed that the term is uncontrolled.

Controlled Vocabularies:
> MARC - http://www.loc.gov/marc/sourcecode/genre/genrelist.html

Guidelines
Example:
  <genre authority="marcgt">letter</genre>

Description

Mandatory: Yes
Controlled: No
Repeatable: Yes

MODS element: abstract
MODS attributes: type, displayLabel, , lang, script, xml:lang, xlink, transliteration

>   **Definition:** a summary of the content of the resource.
>
>   **Application:** "abstract" is roughly equivalent to MARC 21 field 520. A link may be supplied in lieu of or in addition to the content.

Guidelines
Example:
>   Letters to Senator Jeffords Regarding the Great Lakes Critical Programs Act.

Language

Mandatory: No
Controlled: Yes
Repeatable: Yes

MODS element: language
MODS attributes: type, authority, objectPart

>   **Definition:** a designation of the language in which the content of a resource is expressed.
>
>   **Application:** "language" may also be expressed in conjunction with each element in a MODS encoding by means of the xml:lang and/or lang attributes to designate the language used in the metadata value; see section on language for more information.

Guidelines
Example:
```
  <language>
    <languageTerm authority="iso639-2b" type="code">eng</languageTerm>
  </language>
```

Physical Description

Mandatory: No
Controlled: Yes
Repeatable: Yes

MODS element: physicalDescription
MODS subelements: form, reformattingQuality, internetMediaType, extent, digitalOrgin, note
MODS attributes: lang, xml:lang, script, transliteration

> **Definition:** "physicalDescription" is a wrapper element that contains all subelements relating to physical description information of the resource described. Data is input only within each subelement.

Guidelines
 Examples:
   <physicalDescription>
     <reformattingQuality>access</reformattingQuality>
     <internetMediaType>image/jpeg</internetMediaType>
     <digitalOrigin>reformatted digital</digitalOrigin>
     <note>Archival tiff file, scanned at 300dpi/8bits, by W.Salesky</note>
   </physicalDescription>

Rights management

Mandatory: Yes
Controlled: Link to access policies
Repeatable: Yes

MODS element: accessCondition
MODS attributes: type, displayLabel, xlink, lang, xml:lang, script, transliteration

> **Definition:** information about restrictions imposed on access to a resource.

> **Application:** "accessCondition" is roughly equivalent to MARC 21 fields 506 and 540. A link may be supplied in lieu of or in addition to the content.

Guidelines:
Example:
<accessCondition type="uri">http://library.uvm.edu/cdi/rights.html</accessCondition>

Collection

This is to enable items to reference collections they are a part of. The tag is repeatable so each item can belong to multiple collections.

Mandatory: No
Controlled: No
Repeatable: Yes

MODS element: relatedItem

MODS attributes: type, displayLabel, xlink:href

        Definition: Information that identifies other resources related to the one being
        described.

Application: "relatedItem" includes a designation of the specific type of relationship as a
value of the type attribute and is a controlled list of types enumerated in the schema.
<relatedItem> is a container element under which any MODS element may be used as a
subelement. It is thus fully recursive.

Guidelines:
Attribute type should be set to host.
Example:
```
  <relatedItem type="host" displayLabel="full text">
    <location>
       <url>http://library.uv.edu/collection</url>
    </location>
      <titleInfo>
         <title>Lake Champlain Collection</title>
      </titleInfo>
    <identifier>lakeChaplain</identifier>
  </relatedItem>
```