MODS   Metadata Object Description Schema (MODS)   Official Web Site

Dublin Core Metadata Element Set Mapping to MODS Version 3

August 1, 2012

This mapping gives equivalencies between the Dublin Core Metadata Element Set, version 1.1 (unqualified Dublin Core) and elements in the Metadata Object Description Schema (MODS). Order of elements are according to the Dublin Core Metadata Element Set, version 1.1: Reference Description. The document may be used for converting a Dublin Core record to MODS or for creating a simple MODS record based on Dublin Core elements.

In some cases, the Dublin Core element is equivalent to more than one MODS element, and all are listed. In these cases, when converting a record from Dublin Core to MODS, a decision may need to be made as to the default MODS element. Some suggestions are given.

MODS elements are linked to top-level elements in the Outline of Elements and Attributes in MODS.

Dublin Core element	MODS element	Notes
Title	<titleInfo><title>	
Creator	<name><namePart><role><roleTerm type=text"> creator	1. MODS puts all names in a repeated<name> with type of contribution included in <role>. If desired to retain creator or contributor distinction, use <name><namePart><role>creator 2. MODS assumes structured form of name 3. MODS allows distinguishing name as personal, corporate, conference in type attribute. DC does not, so this information is lost. 4. MODS allows <name> subelements to be parsed: <namePart>, <displayForm>, <affiliation>, <role>, <description>. Default DC value to <namePart>.
Subject	<subject><topic><classification> ††	Data in MODS may be included in a more specific subelement: <topic>, <geographic>, <temporal>, <name>, <titleInfo>, <hierarchicalGeographic>, <coordinates>. DC also uses classification schemes in Subject. These distinctions will be lost when converting from DC to MODS. Default DC value to <topic>.

Description	`<abstract>`
	`<note>`
	`<tableOfContents>`
		Multiple elements in MODS. These distinctions will be lost when converting from DC to MODS. Default DC value to `<note>`.

Publisher	`<originInfo><publisher>`	DC value may include place of publication/issuance. This distinction will be lost when converting from DC to MODS and place may be in MODS publisher.
Contributor	`<name><namePart>`	See notes under Creator

Date	`<originInfo><dateIssued>`
	`<originInfo><dateCreated>`
	`<originInfo><dateCaptured>`
	`<originInfo><dateOther>`
		Multiple elements in MODS. These distinctions will be lost when converting from DC to MODS> Default DC value to `<dateOther>`.

Type	`<typeOfResource>` `<genre>`	MODS uses high level types in `<typeOf Resource>` (controlled list); more specific genre terms in `<genre>` (may or may not be from a controlled list). If DC value is from dc:type list, use `<genre>` with authority="dct" and supply a MODS enumerated typeOfResource value when possible (see mapping below). If not from dc:type list, default to `<genre>`.

Format	`<physicalDescription><internetMediaType>`
	`<physicalDescription><extent>`
	`<physicalDescription><form>`
		Multiple elements in MODS. Default DC value to `<physicalDescription><form>`

Identifier	`<identifier>` `<location><url>`	MODS makes a distinction between a persistent identifier and a location. A type attribute specifies the identifier type, e.g. `<identifier type="uri">`; http: URIs also go in `<location><url>`. Default DC value to `<location><url>` if it begins "http://"
Source	`<relatedItem type="original">` + `<titleInfo><title>` or `<location><url>`	See notes under Relation
Language	`<language><languageTerm type="text">` `<language><languageTerm type="code">`	If DC language data is textual, use type="text". If DC language data is coded, use type="code"
Relation	`<relatedItem>` + `<titleInfo><title>` or `<location><url>`	Data in mods:relatedItem is parsed into subelements (any MODS element may be used). Default DC value to `<titleInfo><title>` unless it begins "http://", in which case to `<location><url>`.

Coverage	`<subject><temporal>`
	`<subject><geographic>`
	`<subject><hierarchicalGeographic>`
	`<subject><cartographics><coordinates>`
		Multiple elements in MODS. May result in incorrect mapping, since there is not a way to tell if the coverage is spatial or temporal. Default coverage to `<subject><geographic>` (although this may result in some errors)

Rights	`<accessCondition>`	

Conversion of DC Resource Type vocabulary to MODS typeOfResource values

DC Type value	MODS typeOfResource
Collection (use in addition to specific value below)	typeOfResource collection="yes"
Dataset	softw are, multimedia *and* mods:genre="database"
Image	*default to* still image
InteractiveResource	softw are, multimedia
MovingImage	moving image
PhysicalObject	three dimensional object
Service	softw are *and* mods:genre="online system or service"
Sound	sound recording
StillImage	still image
Softw are	softw are, multimedia
Text	text

Example of record in simple Dublin Core and MODS - - to be updated

The following record compares the XML markup of a record in simple Dublin Core and MODS. The simple Dublin Core record uses no qualifiers. For illustrative purposes, the MODS record includes authoritative forms of names, although this is not required. In addition, it shows the likely MODS output, but it is not possible to transform the DC record to MODS with the added richness, because there is not enough information in the DC record.

Dublin Core record:

<dc:title>Florida Environments Online</dc:title>
<dc:format>text</dc:format>
<dc:subject>Environmental sciences</dc:subject>
<dc:subject>Geology</dc:subject>
<dc:subject>Agriculture</dc:subject>
<dc:type>Collection</dc:type>
<dc:type>Text</dc:type>
<dc:description>Florida Environments Online contains both digital full text materials and research bibliographies about the ecology and environment of Florida. Digitized materials include more than 200 seminal texts on species and ecosystems selected by scientific experts throughout the state of Florida and digitized specifically for the

Linking Florida's Natural Heritage project. They also include the publications of the Florida Geological Society, and agricultural documents created by the Agricultural Experiment Station/Extension Service (IFAS) and the Florida Department of Agriculture and Consumer Affairs, as well as engineering documents created by the UF Engineering and Industrial Experiment Station.</dc:description>
<dc:contributor>Florida Geological Society</dc:contributor>
<dc:contributor>Florida Department of Agriculture and Consumer Affairs</dc:contributor>
<dc:contributor>Agricultural Experiment Station/Extension Service (IFAS)</dc:contributor>
<dc:contributor>University of Florida Engineering and Industrial Experiment Station</dc:contributor>
<dc:language>en</dc:language>
<dc:identifier>http://palmm.fcla.edu/feol/</dc:identifier>
<dc:language>en</dc:language>

MODS record as transformed by crosswalk:

<mods:titleInfo><mods:title>Florida Environments Online<mods:/title></mods:titleInfo>
<mods:name><mods:namePart>Florida Geological Society</mods:namePart></mods:name>
<mods:name ><mods:namePart>Florida. Department of Agriculture and Consumer Affairs</mods:namePart>
</mods:name>
<mods:name><mods:namePart>Agricultural Experiment Station/Extension Service (IFAS) </mods:namePart>
</mods:name>
<mods:name><mods:namePart>University of Florida. Engineering and Industrial Experiment
Station</mods:namePart></mods:name>
<mods:typeOfResource"collection="yes">text</mods:typeOfResource>
<mods:language>en</mods:language>
<mods:physicalDescription><mods:form>text/html</mods:form></mods:physicalDescription>
<mods:note>Florida Environments Online contains both digital full text materials and research bibliographies about the ecology and environment of Florida. Digitized materials include more than 200 seminal texts on species and ecosystems selected by scientific experts throughout the state of Florida and digitized specifically for the Linking Florida's Natural Heritage project. They also include the publications of the Florida Geological Society, and agricultural documents created by the Agricultural Experiment Station/Extension Service (IFAS) and the Florida Department of Agriculture and Consumer Affairs, as well as engineering documents created by the UF Engineering and Industrial Experiment Station</mods:note>
<mods:subject><mods:topic>Environmental sciences</mods:topic></mods:subject>
<mods:subject><mods:topic>Geology</mods:topic></mods:subject>
<mods:subject><mods:topic>Agriculture</mods:topic></mods:subject>
<mods:identifier type="uri">http://palmm.fcla.edu/feol/</mods:identifier>
<mods:location><mods:url>http://palmm.fcla.edu/feol/</mods:url></mods:location>
<mods:recordInfo><mods:recordContentSource>My favorite Library</mods:recordContentSource>
<mods:recordCreationDate encoding="iso8601">20030331</mods:recordCreationDate>
<mods:recordIdentifier>12345</mods:recordIdentifier></mods:recordInfo>

Enhanced MODS record:

<mods:titleInfo><mods:title>Florida Environments Online<mods:/title></mods:titleInfo>
<mods:name type="corporate"><mods:namePart>Florida Geological Society</mods:namePart></mods:name>

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<mods:name type="corporate" authority="naf"><mods:namePart>Florida</mods:namePart>
<mods:namePart>Department of Agriculture and Consumer Affairs</mods:namePart></mods:name>
<mods:name type="corporate"><mods:namePart>Agricultural Experiment Station/Extension Service (IFAS)
</mods:namePart></mods:name>
<mods:name type="corporate" authority="naf"><mods:namePart>University of Florida</mods:namePart>
<mods:namePart>Engineering and Industrial Experiment Station</mods:namePart></mods:name>
<mods:typeOfResource"collection="yes">text</mods:typeOfResource>
<mods:language authority="rfc3066">en</mods:language>
<mods:physicalDescription><mods:internetMediaType>text/html</mods:internetMediaType>
</mods:physicalDescription>
<mods:abstract>Florida Environments Online contains both digital full text materials and research bibliographies
about the ecology and environment of Florida. Digitized materials include more than 200 seminal texts on species
and ecosystems selected by scientific experts throughout the state of Florida and digitized specifically for the
Linking Florida's Natural Heritage project. They also include the publications of the Florida Geological Society, and
agricultural documents created by the Agricultural Experiment Station/Extension Service (IFAS) and the Florida
Department of Agriculture and Consumer Affairs, as well as engineering documents created by the UF Engineering
and Industrial Experiment Station</mods:abstract>
<mods:subject authority="lcsh"><mods:topic>Environmental sciences</mods:topic></mods:subject>
<mods:subject authority-"lcsh"><mods:topic>Geology</mods:topic></mods:subject>
<mods:subject authority-"lcsh"><mods:topic>Agriculture</mods:topic></mods:subject>
<mods:identifier type="uri">http://palmm.fcla.edu/feol/</mods:identifier>
<mods:recordInfo><mods:recordContentSource>My favorite Library</mods:recordContentSource>
<mods:recordCreationDate encoding="iso8601">20030331</mods:recordCreationDate>
<mods:recordIdentifier>12345</mods:recordIdentifier></mods:recordInfo>
```

Questions and comments:
Contact Us (August 3, 2012)
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