

Dublin Core and MODS Element Comparison Examples

Titles	
Dublin Core	MODS
<i>Title Example 1: Simple title transcribed from title page of a digitized book:</i>	
Title: Plants of Upper Michigan	<pre><titleInfo> <title>Plants of Upper Michigan</title> </titleInfo></pre>
<i>Title Example 2: Variant form of title transcribed from cover of same digitized book:</i>	
Title Alternative: Upper Michigan Plant Book	<pre><titleInfo> <title type="alternative">Upper Michigan Plant Book</title> </titleInfo></pre>
<i>Title Example 3: Supplied title for digital still image, with supplied alternative title:</i>	
Title: Cologne Cathedral, Germany Title Alternative: Kölner Dom, Germany	<pre><titleInfo> <title>Cologne Cathedral, Germany</title> </titleInfo> <titleInfo> <title type="alternative">Kölner Dom, Germany</title> </titleInfo></pre>
<i>Title Example 4: Title with an initial article, with three alternatives for DC:</i>	
Title: The Life and Times of Isabella Rios Title: Life and Times of Isabella Rios, The Title: Life and Times of Isabella Rios	<pre><titleInfo> <nonSort>The</nonSort> <title>Life and Times of Isabella Rios</title> </titleInfo></pre>
<i>Title Example 5: Title with subtitle:</i>	
Title: Plants of Upper Michigan: Descriptions and Drawings	<pre><titleInfo> <title>Plants of Upper Michigan</title> <subTitle>Descriptions and Drawings</subTitle> </titleInfo></pre>

Title Example 6: Alternative method of capitalization:	
Title: The life and times of Isabella Rios: based on diaries and oral narratives as told to her daughter Maria Rios Campos	<pre><titleInfo> <nonSort>The</nonSort> <title>life and times of Isabella Rios</title> <subTitle>based on diaries and oral narratives as told to her daughter Maria Rios Campos</subTitle> </titleInfo></pre>
Title Example 7: Title with part name and number:	
Title: Oregon Land Maps, Multnomah County, No. 12	<pre><titleInfo> <title>Oregon Land Maps</title> <partName>Multnomah County</partName> <partNumber>No. 12</partNumber> </titleInfo></pre>

Identifiers	
Dublin Core	MODS
Identifier Example 1: ISBN:	
Identifier: 1234567890	<code><identifier type="isbn">1234567890</identifier></code>
Identifier Example 2: Music publisher number:	
Identifier: Z.Y. 22-0485 Obar Music Publishers	<code><identifier type="music-publisher"> Z.Y. 22-0485 Obar Music Publishers</identifier></code>
Identifier Example 3: Local accession number:	
Identifier: ABC-475985	<code><identifier type="local">ABC-475985</identifier></code>
Identifier Example 4: Digital file name:	
Identifier: TR_0003891	<code><identifier type="local">TR_0003891</identifier></code>
Identifier Example 5: URI for webpage displaying digital resource and its metadata:	
Identifier URI: http://www.xyz.edu/diglib/12345-678.html	<code><identifier type="uri">http://www.xyz.edu/diglib/12345-678.html</identifier></code>

Dates	
Dublin Core	MODS
<i>Date Example 1: Known/certain date of publication of a book</i>	
Date Issued W3CDTF: 1954	<originInfo> <dateIssued>1954</dateIssued> </originInfo>
<i>Date Example 2: Known date of recording of an oral history interview (year, month, and day):</i>	
Date Created W3CDTF: 2002-11-27	<originInfo> <dateCreated encoding="w3cdtf" keyDate="yes">2002-11-27</dateCreated> </originInfo>
<i>Date Example 3: Date of digitization of a map:</i>	
Date Created W3CDTF: 2007-07-18	<originInfo> <dateCaptured encoding="w3cdtf">2007-07-18</dateCaptured> </originInfo>
<i>Date Example 4: Copyright date of a published music score (two options for DC; the second may not be best practice):</i>	
Date: 1938 Date: c1938	<originInfo> <copyrightDate>1938</copyrightDate> </originInfo>
<i>Date Example 5: Beginning and ending date of publication of a scholarly journal:</i>	
Date Issued: 1898-1935	<originInfo> <dateIssued encoding="iso8601" point="start">1898</dateIssued> <dateIssued encoding="iso8601" point="end">1935</dateIssued> </originInfo>

Date Example 6: <i>Approximate, uncertain, or questionable date of creation or publication (alternative possibilities):</i>	
<p>Date Created: ca.1948</p> <p>Date Created: 1948?</p>	<pre><originInfo> <dateCreated qualifier="approximate">1948</dateCreated> </originInfo> <originInfo> <dateCreated qualifier="questionable">1948</dateCreated> </originInfo></pre>
Date Example 7: <i>Uncertain date, but within a certain date range of creation or publication:</i>	
<p>Date Created: 1942-1944</p>	<pre><originInfo> <dateCreated qualifier="approximate" point="start">1942</dateCreated> <dateCreated qualifier="approximate" point="end">1944</dateCreated> </originInfo></pre>

Language	
Dublin Core	MODS
Language Example 1: <i>Digital text or sound recording in English (two alternatives in DC; one in MODS):</i>	
<p>Language ISO 639-2: eng</p> <p>Language: English</p>	<pre><language> <languageTerm type="text">English</languageTerm> <languageTerm type="code" authority="iso639-2b">eng</languageTerm> </language></pre>
Language Example 2: <i>Digital text or sound recording in both English and French:</i>	
<p>Option 1: Language ISO 639-2: eng Language ISO 639-2: fre</p> <p>Option 2: Language: English Language: English</p> <p>Option 3: Language ISO 639-2: eng; fre or: Language: English; French</p>	<pre><language> <languageTerm type="text">English</languageTerm> <languageTerm type="code" authority="iso639-2b">eng</languageTerm> </language> <language> <languageTerm type="text">French</languageTerm> <languageTerm type="code" authority="iso639-2b">fre</languageTerm> </language></pre>

Names	
Dublin Core	MODS
<p>Name Example 1: Book author (several alternatives in both DC and MODS for recording a personal name); the third instance in the DC examples, taken from the NAF, is recommended best practice for DC, as is the third example for MODS:</p>	
<p>Creator: Herman Melville Creator: Melville, Herman Creator: Melville, Herman, 1819-1891 Creator: Melville, Herman, 1819-1891, author</p>	<pre> <name> <namePart>Herman Melville</namePart> </name> <name type="personal"> <namePart>Melville, Herman</namePart> <role> <roleTerm type="text">creator</roleTerm> <roleTerm type="code">cre</roleTerm> </role> </name> <name authority="naf" type="personal"> <namePart>Melville, Herman</namePart> <namePart type="date">1819-1891</namePart> <displayForm>Herman Melville</displayForm> <role> <roleTerm type="text" authority="marcrelator">author</roleTerm> <roleTerm type="code" authority="marcrelator">aut</roleTerm> </role> </name> </pre>
<p>Name Example 2: Book illustrator (illustrations in an edition of Melville's <i>Moby Dick</i>, considered secondary or supplementary to the text) (the second DC option is best practice):</p>	
<p>Contributor: Moser, Barry Contributor: Moser, Barry, illustrator</p>	<pre> <name authority="naf" type="personal"> <namePart>Moser, Barry</namePart> <role> <roleTerm type="text" authority="marcrelator">illustrator</roleTerm> <roleTerm type="code" authority="marcrelator">ill</roleTerm> </role> </name> </pre>
<p>Name Example 3: Book translator (in DC, the third option, from the NAF, is general best practice):</p>	

<p>Contributor: Richard Hakluyt Contributor: Hakluyt, Richard Contributor: Hakluyt, Richard, 1552?-1616 Contributor: Hakluyt, Richard, 1552?-1616, translator</p>	<pre><name authority="naf" type="personal"> <namePart>Hakluyt, Richard, 1552?-1616</namePart> <role> <roleTerm type="text" authority="marcrelator">translator</roleTerm> <roleTerm type="code" authority="marcrelator">trl</roleTerm> </role> </name></pre>
<p><i>Name Example 4: Photographer</i></p>	
<p>Creator: Paul Jacob Kramer</p>	<pre><name type="personal"> <namePart>Kramer, Paul Jacob</namePart> <role> <roleTerm type="code" authority="marcrelator">pht</roleTerm> <roleTerm type="text" authority="marcrelator">photographer</roleTerm> </role> </name></pre>
<p><i>Name Example 5: Painter (two alternatives for DC out of many):</i></p>	
<p>Creator: Cropsey, Jasper Francis, 1823-1900 Creator: Jasper Francis Cropsey (American painter, 1823-1900)</p>	<pre><name type="personal"> <namePart>Cropsey, Jasper Francis, 1823-1900</namePart> <description>American painter</description> <role> <roleTerm type="code" authority="marcrelator">art</roleTerm> <roleTerm type="text" authority="marcrelator">artist</roleTerm> </role> </name></pre>
<p><i>Name Example 6: Corporate body name (used as either Creator or Contributor in DC depending on the specific resource):</i></p>	
<p>Creator: United States. Court of Appeals (2nd Circuit) Contributor: United States. Court of Appeals (2nd Circuit)</p>	<pre><name type="corporate" authority="naf"> <namePart>United States</namePart> <namePart>Court of Appeals (2nd Circuit)</namePart> </name></pre>
<p><i>Name Example 7: Conference name (for a resource consisting of content about a conference):</i></p>	
<p>Creator: Conference on War Work and Post-War Organization (1945 : Chicago, Ill.)</p>	<pre><name type="conference" authority="naf"> <namePart>Conference on War Work and Post-War Organization (1945 : Chicago, Ill.)</namePart> </name></pre>

Publication, Edition	
Dublin Core	MODS
<i>Publisher Example 1: Original book publisher name:</i>	
Publisher: G. P. Putnam's Sons	<originInfo> <publisher>G. P. Putnam's Sons</publisher> </originInfo>
<i>Publisher Example 2: Original postcard publisher name and place of publication:</i>	
Publisher: Acmeograph Company	<originInfo> <place> <placeTerm type="text">Chicago</placeTerm> </place> <publisher>Acmeograph Company</publisher> </originInfo>
<i>Edition Example: Digitized second edition of a book (three alternative options for DC):</i>	
[Omit edition information] Title: Plants of Upper Michigan. 2nd ed. Description: 2nd ed.	<originInfo> <edition>2nd ed.</edition> </originInfo>
<i>MODS Origin Info Example: Complete <originInfo> element for the 7th ed. of a book published by Putnam in 1954 and digitized on July 18, 2007:</i>	
Publisher: G. P. Putnam's Sons Date Issued W3CDTF: 1954 Date Created W3CDTF: 2007-07-18	<originInfo> <place> <placeTerm type="code" authority="marccountry">nyu</placeTerm> <placeTerm type="text">New York</placeTerm> </place> <publisher>G. P. Putnam's Sons</publisher> <dateIssued encoding="w3cdtf" keyDate="yes">1954</dateIssued> <dateCaptured encoding="w3cdtf">2007-07-18</dateCaptured> <edition>7th ed.</edition> </originInfo>

Rights and Restrictions on Access	
Dublin Core	MODS
<i>Rights Example 1: Simple copyright statement:</i>	
Rights: Copyright (c)2010 Hagenville University	<accessCondition>Copyright (c)2010 Hagenville University</accessCondition>
<i>Rights Example 2: Restrictions on use statement:</i>	
Rights: Copying allowed only for non-commercial use with acknowledgement of source.	<accessCondition type="use and reproduction" >Copying allowed only for non-commercial use with acknowledgement of source</accessCondition>
<i>Rights Example 3: More complex rights and access conditions statement:</i>	
Rights: Transmission or reproduction of materials protected by copyright beyond that allowed by fair use requires the written permission of the copyright owners. In addition, the reproduction of some materials may be restricted by terms of gift of purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user.	<accessCondition type="use and reproduction" displayLabel="Restricted" >Transmission or reproduction of materials protected by copyright beyond that allowed by fair use requires the written permission of the copyright owners. In addition, the reproduction of some materials may be restricted by terms of gift of purchase agreements, donor restrictions, privacy and publicity rights, licensing and trademarks. Works not in the public domain cannot be commercially exploited without permission of the copyright owner. Responsibility for any use rests exclusively with the user.</accessCondition>

Type of Resource and Genre	
Dublin Core	MODS
<i>Type Example 1: Digitized photograph:</i>	
Type DCMIType: Still image	<typeOfResource>still image</typeOfResource>
<i>Type Example 2: Text digitized as PDF or HTML document:</i>	
Type DCMIType: Text	<typeOfResource>text</typeOfResource>
<i>Type Example 3: Text digitized as set of image files (each page a separate image file):</i>	
Type DCMIType: Text	<typeOfResource>text</typeOfResource>

Type Example 4: Digitized audio recording of an oral history interview:	
Type DCMIType: Sound	<typeOfResource>sound recording-nonmusical</typeOfResource>
Type Example 5: Digitized video recording of an oral history interview:	
Type DCMIType: Moving image	<typeOfResource>moving image</typeOfResource>
Genre Example 6: Digitized yearbook (text content):	
Type: yearbook	<genre authority="marcgt">yearbook<genre>
Genre Example 7: Digitized novel (text content):	
Type: novel	<genre authority="marcgt">novel<genre>
Genre Example 8: Digitized slide (still image content):	
Type: slides (photographs)	<genre authority="aat">slides (photographs)</genre>
Genre Example 9: Digitized technical drawing (still image content):	
Type: technical drawings	<genre authority="aat">technical drawings<genre>
Genre Example 10: Digitized oral history interview (text, sound, or moving image content):	
Type: Interviews	<genre authority="lctgm">Interviews</genre>

Format and Physical Description	
Dublin Core	MODS
Format / Physical Description Example 1: A photograph digitized as a jpeg image file:	
Format Medium: photograph Format Extent: 3 x 7 in. Format IMT: image/jpeg	<physicalDescription> <form>photograph</form> <extent>3 x 7 in.</extent> <internetMediaType>image/jpeg</internetMediaType> <digitalOrigin>reformatted digital</digitalOrigin> </physicalDescription>

Format / Physical Description Example 3: A text digitized as a set of images and also encoded in XML:	
<p>Format Medium: print Format Extent: 177 p. Format IMT: image/jpeg Format IMT: text/xml</p>	<pre><physicalDescription> <form authority="marcform">electronic</form> <form authority="marcform">print</form> <internetMediaType>image/jpeg</internetMediaType> <internetMediaType>text/xml</internetMediaType> <extent>177 p.</extent> <digitalOrigin>reformatted digital</digitalOrigin> </physicalDescription></pre>
Format / Physical Description Example 4: A digitized sound recording:	
<p>Format Medium: sound cassette Format Extent: 4 min., 12 sec. Format Extent: 2.18 MB Format IMT: audio/mp3</p>	<pre><physicalDescription> <form authority="marcsmd">sound cassette</form> <extent>4 min., 12 sec.</extent> <internetMediaType>audio/mp3</internetMediaType> <extent>2.18 MB</extent> <digitalOrigin>reformatted digital</digitalOrigin> </physicalDescription></pre>

Classification Numbers	
Dublin Core	MODS
Dewey Decimal Classification Number Example	
Subject DDC: 943.085	<classification authority="ddc" edition="11">943.085</classification>
Library of Congress Classification Number Example	
Subject LCC: D639.J4	<classification authority="lcc">D639.J4</classification>

Subject Terms	
Dublin Core	MODS
<p><i>Topical Subject Examples (resource is about this topic, class of persons, named object, and the like, or an image depicts it in some way): several examples for both DC and MODS:</i></p>	
<p>Subject AAT: drawbridges</p> <p>Subject TGM: Drawbridges</p> <p>Subject TGM: Drawbridges--Illinois--Chicago</p> <p>Subject LCSH: Jazz--Louisiana--New Orleans—1921-1930</p> <p>Subject: Water transportation</p>	<pre> <subject authority="aat"> <topic>drawbridges</topic> </subject> <subject authority="lctgm"> <topic>Drawbridges</topic> </subject> <subject authority="lctgm"> <topic>Drawbridges--Illinois--Chicago</topic> </subject> <subject authority="lctgm"> <topic>Drawbridges</topic> <geographic>Illinois</geographic> <geographic>Chicago</geographic> </subject> <subject authority="lcsch"> <topic>Jazz</topic> <geographic>Louisiana</geographic> <geographic>New Orleans</geographic> <temporal>1921-1930</temporal> </subject> <subject authority="local"> <topic>water transportation</topic> </subject> </pre>

Personal Name Subject Example (the resource is about Melville):	
Subject LCNAF: Melville, Herman, 1819-1891	<pre><subject> <name type="personal" authority="naf"> <namePart>Melville, Herman</namePart> <namePart type="date">1819-1891</namePart> </name> </subject></pre>
Temporal Subject Examples (resource is about, covers, or takes place in this time period, or image depicts something during that time period): two examples for both DC and MODS:	
Coverage Temporal LCSH: 19th century	<pre><subject authority="lcsch"> <temporal>19th century</temporal> </subject></pre>
Coverage Temporal: 1914-1918	<pre><subject> <temporal encoding="w3cdtf" point="start">1914</temporal> <temporal encoding="w3cdtf" point="end">1918</temporal> </subject></pre>
Spatial Subject Examples (resource is about, covers, or takes place in this geographic area, or image depicts something in that place): two examples for both DC and MODS:	
Coverage Spatial TGN: Argentina	<pre><subject authority="tgn"> <geographic>Argentina</geographic> <geographicCode authority="iso3166">ar</geographicCode> </subject></pre>
Coverage Spatial: Vancouver, British Columbia, Canada	<pre><subject> <hierarchicalGeographic> <country>Canada</country> <province>British Columbia</province> <city>Vancouver</city> </hierarchicalGeographic> </subject></pre>

Descriptions, Abstracts, and Tables of Contents	
Dublin Core	MODS
<i>Description/Abstract Example 1: Description of digital image:</i>	
Description: Southeast side of the Cologne Cathedral viewed from outside the Hauptbahnhof (train station), Köln, Germany, October, 1952.	<code><abstract>Southeast side of the Cologne Cathedral viewed from outside the Hauptbahnhof (train station), Köln, Germany, October, 1952.</abstract></code>
<i>Description/Abstract Example 2: Abstract of digitized research article:</i>	
Description Abstract: This paper explores reasons why large numbers of practitioners do not adhere to the DCMI One-to-One Principle, why it is problematic, how the principle itself would benefit from greater clarity, some practical options for maintaining the principle in current systems, with advantages and disadvantages of each, and suggests a possible compromise option. The paper focuses on the widespread application context of small to medium-sized cultural heritage institutions digitizing unique local resources, creating metadata using digital collection software packages such as CONTENTdm, and exposing only simple Dublin Core metadata for OAI harvesting and aggregating.	<code><abstract>This paper explores reasons why large numbers of practitioners do not adhere to the DCMI One-to-One Principle, why it is problematic, how the principle itself would benefit from greater clarity, some practical options for maintaining the principle in current systems, with advantages and disadvantages of each, and suggests a possible compromise option. The paper focuses on the widespread application context of small to medium-sized cultural heritage institutions digitizing unique local resources, creating metadata using digital collection software packages such as CONTENTdm, and exposing only simple Dublin Core metadata for OAI harvesting and aggregating.</abstract></code>
<i>Description/TOC Example 3: Table of contents of digitized rare book:</i>	
Description TableOfContents: Chapter 1: Introduction. Chapter 2: Chamber Music. Chapter 3: Orchestral Music. Chapter 4: Operas. Chapter 5: Incidental Pieces.	<code><tableOfContents displayLabel="Chapters included in book"> Chapter 1: Introduction. Chapter 2: Chamber Music. Chapter 3: Orchestral Music. Chapter 4: Operas. Chapter 5: Incidental Pieces.</tableOfContents></code>

Resource Relationships	
Dublin Core	MODS
<i>Related Resource Example 1: The digital image represented by the metadata record is a part of this digital collection:</i>	
<p>Relation IsPartOf: Paul J. Kramer Digital Images Collection</p>	<pre><relatedItem type="host"> <titleInfo> <title>Paul J. Kramer Digital Images Collection</title> </titleInfo> </relatedItem></pre>
<i>Related Resource Example 2: The digital text represented by the metadata record is an English translation by Richard Hakluyt of a French original by Jacques Cartier; it is therefore a version of the French document:</i>	
<p>Title: Shorte and Briefe Narration of the Two Navigations and Discoueries to the Northwest Partes called Newe Fraunce</p> <p>Creator: Cartier, Jacques</p> <p>Contributor: Hakluyt, Richard</p> <p>Relation IsVersionOf: Bref récit et succincte narration de la navigation faite en MDXXXV et MDXXXVI / Jacques Cartier</p>	<pre><titleInfo> <title> Shorte and Briefe Narration of the Two Navigations and Discoueries to the Northwest Partes called Newe Fraunce</title> </titleInfo> <name type="personal"> <namePart>Cartier, Jacques</namePart> <role> <roleTerm type="text">author</roleTerm> </role> </namePart> </name> <name type="personal"> <namePart>Hakluyt, Richard</namePart> <role> <roleTerm type="text">translator</roleTerm> </namePart> </name> <relatedItem displayLabel="Translation of" type="otherVersion"> <titleInfo> <title> Bref récit et succincte narration de la navigation faite en MDXXXV et MDXXXVI</title> </titleInfo> </relatedItem></pre>

Related Resource Example 3: *The digital image represented by the metadata record is a digitized format of an original analog 35 mm. black & white slide, by Paul Jacob Kramer, 1955; item no. 171, 33b-765 in the Paul J. Kramer Archival Photograph Collection; located in the, Hagenville University Archives (two options shown for DC):*

Source: Item no. 171, 33b-765, Paul J. Kramer Archival Photograph Collection, Hagenville University Archives

Source: 35 mm. black & white slide, by Paul Jacob Kramer, 1955. Item no. 171, 33b-765 in the Paul J. Kramer Archival Photograph Collection, Hagenville University Archives.

```

<relatedItem type="original">
  <name type="personal">
    <namePart>Kramer, Paul Jacob</namePart>
    <role>
      <roleTerm authority="marcrelator" type="text">photographer</roleTerm>
    </role>
  </name>
  <originInfo>
    <dateCreated encoding="w3cdtf">1955</dateCreated>
  </originInfo>
  <physicalDescription>
    <extent>35mm. black & white slide</extent>
  </physicalDescription>
  <relatedItem type="host">
    <titleInfo>
      <title>Paul J. Kramer Archival Photograph Collection</title>
    </titleInfo>
  </relatedItem>
  <identifier>171, 33b-765</identifier>
  <location>Hagenville University Archives</location>
</relatedItem>

```