

Common Terminology (CT) version 1.2 & Crosswalks for MARC, MODS, DC, QDC and DCTerms

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The Common Terminology (CT) version 1.2 is the upgraded version of 1.1. CT is a bridge terminology of widely used MARC, MODS, (Q)DC and DCTerms that have very different degree of specificity and generality. Since it is a bridge terminology, it allows communities to use their own standards but it provides uniformity to searching achieving interoperability among them.

The version 1.2 changes or deletes few unnecessary qualifiers of version 1.1. The detail of the changes are the following.

The deleted qualifiers are:

- contributor/role/orderedauthors

The changed qualifiers are:

- using type instead of name for personal, corporation or meeting of contributor such as contributor type="personal" instead of name="personal.
- title type="key" is changed into type="part", in order to describe partnumber and partname of title.
- relation type="constituent" is changed into type="hasPart", which is more generalized with common terms.
- identifier type="ismn" is changed into type="object", because dpla json and europeana use 'object' for each item record.
- /mods/physicalDescription/reformattingQuality is added into ct:format, because reformatting quality "Indicates an overall assessment of the physical quality of an electronic resource in relation to its intended use(MODS).

The developed *Common Terminology* is defined as a set of 12 *Common Terms (property)* and 58 *qualifiers (subproperty)* with *CTScheme*.

The *Common Terms* are especially *common element names* of widely used metadata schemas (e.g., MARC, MODS, DC & QDC). 12 *Common Terms (properties)* are contributor, date, description, format, identifier, language, publisher, relation, rights, subject, title, and typeGenre. *CTScheme* is a controlled set of values that are specific to Common Terminology, including authorities, Syntax Encoding Scheme and Vocabulary Encoding Scheme of DCMI. *CTScheme* includes *CTTypeGenre*, *CTFormat*, *CTRelator*, *CTLanguage*, *CTDescription*, *CTIdentifier*, and *CTSubject*.

This document shows the detail crosswalk for MARC, MODS, (Q)DC, and DCTerms to CT. Each table explains a *Common Term (property)* with its *qualifiers* that specify it, and with *authorities* in *CTScheme*. *CTScheme* is an enumerated set of resources used as a controlled set of values, including authorities. *Since CT is common terms of MARC, MODS, (Q)DC and DCTerms, CT definitions follow their definitions.

1. contributor

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC 21 to MODS 3.5 Mapping)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p><u>contributor</u></p> <p>Definition: The name of a person, organization, or event (conference, meeting, etc.) associated in some way with the resource (DCMI). An entity responsible for making contributions to the resource (Contributor of DC) (DCMI). Including creator definition, an entity primarily responsible for making the resource (creator of DC) (DCMI).</p> <p>*'role' is defined in CTRelator of CTScheme. *Values can be literal or nonliteral (uri).</p>	no qualifier	720 (default)	<name> with no type attribute <namePart>	contributor Value in \$. dc.contributor(QDC-MIT)	contributor dcterms:contributor
	<u>type="personal"</u>	100, 700	<name> with type="personal" <namePart>	contributor Value in \$.	
	<u>type="corporate"</u> (include university and department)	110, 710	<name> with type="corporate" <namePart>	Contributor Value in \$. dc.contributor.department(QDC-MIT)	
	<u>type="meeting"</u>	111, 711	<name> with type="conference" <namePart>	contributor Value in \$.	
	<u>role="author"</u> authority="LCMARCrelators"	'role' will be decided by 100, 700 \$e or \$4, 110, 710 \$e or \$4, 111, 711 \$4	<role><roleTerm>	dc.contributor.author, dc.contributor.mitauthor(QDC-MIT)	
	<u>role="creator"</u> authority="LCMARCrelators"			creator dc:creator	creator dcterms:creator
	<u>role="other"</u> authority="LCMARCrelators"			dc.contributor.advisor, dc.contributor.approver, dc.contributor.other(QDC-MIT)	contributor

*(recommend) means, although there is no mapping in MARC to MODS mapping or MARC to DC crosswalk, it is recommended to map with the recommended mapping.

2. date

*Often used by 5 search engines Often used tags over 50% in records

Common Term Definition	Qualifier (SubProperty)	MARC	MODS	QDC	DC/ dcterms
<p>date</p> <p>Definition: A point or period of time associated with an event in the lifecycle of the resource (DCMI).</p>	no qualifier			<i>dc.date(QDC-MIT)</i>	<i>date</i> <i>dcterms:date</i>
	type="issued" includes created date of type="created" for 260 \$g	260 \$c(default), 046 \$c, \$e, 008/07-10, 008/11-14 (*If (008/06) is b, add B.C.). 008/11-14 if 008/06!=t (not t)(LC) 264 if ind2 is 1 and 264 \$c	<originInfo> <dateIssued> or <dateCreated> ← 260 \$c if Ldr/06=d,f,p, or t	<i>date issued</i> ←008/07-10, 260\$c <i>dc.date.issued</i>	<i>date</i> ← 260\$c\$g, 008/07-10 <i>dcterms:issued</i>
		260 \$g, 046 \$k, \$l, 533\$d	<originInfo> <dateCreated>	<i>date created</i> ←260\$c\$g, 533\$d, <i>dc.date.created</i>	<i>dcterms:created</i>
	type="copyright"	008/11-14 if 008/06=t, 542 \$g	<originInfo> <copyrightDate>	<i>date copyrighted</i> ←542 \$g, <i>dc.date.copyright</i>	<i>dcterms:date Copyrighted</i>
	type="available" includes the concepts of 'valid', 'accepted', and 'accessioned' dates	046 \$m,\$n, 307	<originInfo> <dateValid>	<i>date valid</i> ←046 \$m,\$n <i>dc.date.available</i>	<i>dcterms:available, valid</i>
	type="modified"	046 \$j	<originInfo> <dateModified>	<i>date modified</i> <i>dc.date.updated</i>	<i>dcterms:modified</i>
	type="dateOther"	264 if ind2 is 0,2,3 and 264 \$c	<originInfo> <dateOther >	<i>dc.date.submitted</i> <i>dc.date.accessioned</i>	<i>dcterms:date Accepted, dcterms:date Submitted</i>

3. [description](#)

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC 21 to MODS 3.5 Mapping)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms	
<p>description</p> <p>Definition: An account of the resource (DC). A term that designates how the resource is issued (MODS).</p> <p>The below authorities are defined in CTDescription in CTScheme: authority="LCMARCauthentication" authority="LCMARCfrequency" authority="LCMARCtarget"</p> <p>The authorities are defined in CTDescription of CTScheme.</p> <p>*Values can be literal or nonliteral (uri).</p>	no qualifier	500 (default), 501, 511, 515, 516, 518, 533, 580	<pre><note> <note> with type="performers" <511 \$a <note> with type="numbering" <515 \$a <note> with type="venue" <518 \$a <note> with type="reproduction" <533</pre>	dc.description (QDC-MIT)	description dcterms.description	
	type="recordinfo"	005,008/00-05,040, 955(UIUC), 988(Harvard)	<pre><recordInfo> <recordChangeDate> with encoding="iso8601" <005 <recordContentSource> with authority="marcorg" <040 \$a</pre>			
	type="authentication" authority="LCMARCauthentication" (LC, MARC Authentication Action Code List)	042				
	type="issuance" A term that designates how the resource is issued (MODS).	Leader/07 if Leader/07 (code b) then value: continuing if Leader/07 (code a,c,d) then value: monographic if Leader/07 (code m) and Leader/19 (code a,b, or c) then value: multipart monograph if Leader/07 (code m) and Leader/19 (code #) then value: single unit if Leader/07 (code i) then value: integrating resource if Leader/07 (code s) then value: serial	<originInfo><issuance>			
	type="edition"	250, 362, 562	<edition><250	dc.eprint.version	description	

description			<p><note> with type="date/sequential designation" ←362 <note> with type="version identification" ←562</p>	<i>(QDCMIT)</i>	← 562
	<p>type="frequency" authority="LCMARCfrequency" A statement of publication frequency in a textual form (MODS).</p>	<p>310, 321, 008/18 <originInfo><frequency> MARC MODS CT Values 008/18 CR code a <frequency authority="marcfrequency">Annual 008/18 CR code b <frequency authority="marcfrequency">Bimonthly 008/18 CR code c <frequency authority="marcfrequency">Semiweekly 008/18 CR code d <frequency authority="marcfrequency">Daily 008/18 CR code e <frequency authority="marcfrequency">Biweekly 008/18 CR code f <frequency authority="marcfrequency">Semiannual 008/18 CR code g <frequency authority="marcfrequency">Biennial 008/18 CR code h <frequency authority="marcfrequency">Triennial 008/18 CR code i <frequency authority="marcfrequency">Three times a week 008/18 CR code j <frequency authority="marcfrequency">Three times a month 008/18 CR code k <frequency authority="marcfrequency">Continuously updated 008/18 CR code m <frequency authority="marcfrequency">Monthly 008/18 CR code q <frequency authority="marcfrequency">Quarterly 008/18 CR code s <frequency authority="marcfrequency">Semimonthly 008/18 CR code t <frequency authority="marcfrequency">Three times a year 008/18 CR code u <frequency authority="marcfrequency">Unknown 008/18 CR code w <frequency authority="marcfrequency">Weekly 008/18 CR code # <frequency authority="marcfrequency">Completely irregular</p>	<i>Accrual Periodicity (QDC)</i>	<i>dcterms:accrualPeriodicity</i>	

description	type="thesis"(LC)	502	<note> with type="thesis"		<i>description</i>												
	type="bibliography"	504	<note> with type="bibliography"		<i>dcterms:bibliographicCitation</i>												
	type="tableOfContents"	505	<tableOfContents>	<i>Description TableofContents</i> <i>dc.description.tableofcontents(QDC)</i>	<i>dcterms:tableOfContents</i>												
	type="abstract"	520	<abstract>	<i>Description Abstract(QDC),</i> <i>dc.description.abstract(QDC)</i>	<i>dcterms:abstract</i>												
	type="audience" authority="LCMARCtarget" (LC, MARC Target Audience Term List)	521 <table border="1"> <tr> <td>008/22 (code d)</td> <td>and value: adolescent</td> </tr> <tr> <td>(code e)</td> <td>adult</td> </tr> <tr> <td>(code g)</td> <td>general</td> </tr> <tr> <td>(code b,c,j)</td> <td>juvenile</td> </tr> <tr> <td>(code a)</td> <td>preschool</td> </tr> <tr> <td>(code f)</td> <td>specialized</td> </tr> </table>	008/22 (code d)	and value: adolescent	(code e)	adult	(code g)	general	(code b,c,j)	juvenile	(code a)	preschool	(code f)	specialized	<targetAudience>	<i>Audience</i>	<i>dcterms:audience</i> <i>dcterms:educationLevel</i>
	008/22 (code d)	and value: adolescent															
	(code e)	adult															
	(code g)	general															
(code b,c,j)	juvenile																
(code a)	preschool																
(code f)	specialized																
type="provenance"	541, 561	<note> with type="acquisition" ← 541 <note> with type="ownership" ← 561	<i>Provenance, Accrual Method</i>	<i>dcterms:accrualMethod,provenance</i>													
type="action" It includes /mods/physicalDescription/reformattingQuality:Indicates an overall assessment of the physical quality.	583, 007_13	<note> type="action" <physicalDescription><reformattingQuality> <table border="1"> <tr> <td>007/13 (code a)</td> <td>value: access</td> </tr> <tr> <td>(code p)</td> <td>preservation</td> </tr> <tr> <td>(code g)</td> <td>replacement</td> </tr> </table>	007/13 (code a)	value: access	(code p)	preservation	(code g)	replacement									
007/13 (code a)	value: access																
(code p)	preservation																
(code g)	replacement																
type="descriptionOther" A description of others that do not fall into another category including sponsorship, eprint status, degree, citation of MIT.	536, 550, 555	<note> with type="funding" ← 536	<i>dc.description.sponsorship, eprint.status, dc.description.degree(QDC-MIT)</i>														

*(recommend) means, although there is no mapping in MARC to MODS mapping or MARC to DC crosswalk, it is recommended to map with the recommended mapping.

4. [format](#)

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC	MODS	QDC	DC/ dcterms
<p>format</p> <p>Definition: A designation of a particular physical presentation of a resource (MODS). The file format, physical medium, or dimensions of the resource (DCMI). The physical or digital manifestation of the resource (DCMI). Extent definition: A statement of the number and specific material of the units of the resource that express physical extent (MODS). The size or duration of the resource (DCMI). The authorities are defined in CTFormat of CTSheme.</p>	<p>no type no authority</p> <p>no type authority="LCMARCcategory"</p> <p>no type authority="LCMARCform"(LC, MARC Form of Item Term List)</p>	<p>MARC</p> <p>007/11 CF (code a) <digitalOrigin>="reformatted digital"</p> <p>007/11 CF (code b) <digitalOrigin>="digitized microform"</p> <p>007/11 CF (code d) <digitalOrigin>="digitized other analog"</p> <p>007/00 code a <form authority="marccategory">map</p> <p>007/00 code c <form authority="marccategory">electronic resource</p> <p>007/00 code d <form authority="marccategory">globe</p> <p>007/00 code f <form authority="marccategory">tactile material</p> <p>007/00 code g <form authority="marccategory">projected graphic</p> <p>007/00 code h <form authority="marccategory">microform</p> <p>007/00 code k <form authority="marccategory">nonprojected graphic</p> <p>007/00 code m <form authority="marccategory">motion picture</p> <p>007/00 code o <form authority="marccategory">kit</p> <p>007/00 code q <form authority="marccategory">notated music</p> <p>007/00 code r <form authority="marccategory">remote sensing image</p> <p>007/00 code s <form authority="marccategory">sound recording</p> <p>007/00 code t <form authority="marccategory">text</p> <p>007/00 code v <form authority="marccategory">videorecording</p> <p>008/23 MU,MM or 008/29 MP, VM <form authority="marcform"></p> <p>(code f) braille</p> <p>(code s) electronic</p> <p>(code b) microfiche</p> <p>(code a) microfilm</p> <p>(code blank, r) print</p> <p>008/23 BK,CR,</p>		<p><i>dc:format(QDCMIT)</i></p>	<p><i>format</i></p> <p><i>dcterms:format</i></p>

*Values can be literal or nonliteral (uri).		008/23MU # Ldr/06 =c,d(code blank, r) 256 \$a		
	authority="LCgmd" (LC, 1.1C. Optional addition. General material designation)	130,240,242,245,246,730 \$h	<physicalDescription> <form authority="gmd"> ←130,240,242,245,246,730\$h	
	type="extent"	300, 347	<physicalDescription> <extent>←300	format extent ←300, dc.format.extent dcterms:extent
	type="medium" authority="rfc2046" uses internet media type (IMT) in Vocabulary Encoding Schemes, where IMT is the set of media types specified by the Internet Assigned Numbers Authority on http://www.iana.org/assignments/media-types .	856\$q 340 (Physical Medium) 337 (LC), 338 (LC), 382	<physicalDescription> <internetMediaType>← 856 \$q <form>←337, 338	Format IMT ←856\$q Format Medium ←340\$a dc.format.mimetype, (QDC-MIT) (definition: The material or physical carrier of the resource (DC)).

5. [identifier](#)

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC 21 to MODS 3.5 Mapping)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms
<p>identifier</p> <p>Definition: 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). Also, "Source" concept, a related resource (database) from which the described resource is derived (DCMI), identifies where the described resource comes from (e.g., Harvard, MIT,</p>	no qualifier	856\$u (except \$u with ind2=#,0,1,2,8, 856 \$u \$y \$3 with ind2=#,0,1,2,8, 856 \$z)	<identifier>	<i>id, dc.identifier</i>	<i>identifier dcterms:identifier</i>
	type="uri"	856 \$u \$y \$3 with ind2=#,0,1,2,8, 856 \$z	<location><url>	<i>Identifier URI (QDC) dc.identifier.uri (MIT)</i>	
	type="isbn"	020 \$a	<identifier>with type="isbn"	<i>dc.identifier.isbn (MIT)</i>	<i>identifier</i>
	type="issn"	022 \$a	<identifier>with type="issn"	<i>dc.identifier.issn (MIT)</i>	<i>identifier</i>
	source="OCLC" type="controlNumber"	019, 029 \$a		<i>dc.identifier.oclc (QDC-MIT)</i>	<i>identifier</i>
	type="controlNumber"	001, 003, 035	<recordInfo><recordIdentifier>←001,003		
	type="lccn"	010 (LCCN)	<identifier>with type="lccn"		
	type="nationalBibliographyNumber"	015, 016			
type="identifierOther"	024 ind1=2 \$a 024 (except ind1=2 \$a), 994	<identifier>with type="ismn" with type="isrc"← 024 ind1=0 \$a with type="sici"← 024 ind1=4 \$a with type="upc"← 024	<i>dc.identifier.ismn dc.identifier.other, dc.identifier.aleph, dc.identifier.govdoc, dc.identifier.pmid,</i>	<i>identifier</i>	

<p>UIUC, or OCLC).</p> <p>Sources are listed in CTIdentifier in CTScheme.</p> <p>The 'source' concept of DCMI is mapped into 'relation type="original"'. *Values can be literal or nonliteral (uri).</p>			ind1=1 \$a	<i>dc.identifier.citation, dc.identifier.mitlicense(QDC-MIT)</i>	
	type="issueNumber"	028		<identifier>with type="issue number"	
	type="collection"	852		<location><physicalLocation>	<i>Collection, setSpec(QDC-MIT)</i>
	type="doi"	856 \$u with "urn:doi" or "doi"		<identifier>with type="doi"	
	type="hdl"	856 \$u with "urn:hdl" or "hdl"		<identifier>with type="hdl"	
	source="Harvard" or source="UIUC"	906			
	type="object"	<i>Type="ismn" is changed into type="object", since DPLA uses object for each item resource by uri.</i>			

6. [language](#)

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms
<p>language</p> <p>Definition: A language of the resource (DCMI). A designation of the language in which the content of a resource is expressed (MODS).</p> <p>The authorities are defined in CTLanguage of CTScheme.</p>	no qualifier	377, 546	<language><languageTerm >with type="code" <language><scriptTerm> with type="text" ← 546\$b	<i>dc.language (QDCMIT)</i>	<i>language dcterms:language</i>
	authority="iso639-2" (Codes for the representation of names of languages).	008/35-37 041 with no \$2	<language><languageTerm > with type="code" and authority="iso639-2b"	<i>Language ISO639-2 dc.language.iso (QDCMIT)</i>	
	authority="iso639-3"	041 with \$2=iso639-3	<language><languageTerm > with type="code" and authority="iso639-3"(recommend)	<i>Language ISO639-3</i>	
	authority="rfc1766"	041 with \$2=rfc1766	<language><languageTerm > with type="code" and authority="rfc1766"(recommend)	<i>Language RFC1766</i>	
	authority="rfc3066"	041 with \$2=rfc3066	<language><languageTerm > with type="code" and authority="rfc3066"(recommend)	<i>Language RFC3066 dc.language.rfc3066</i>	
	authority="rfc4646"	041 with \$2=rfc4646	<language><languageTerm > with type="code" and authority="rfc4646"(recommend)	<i>Language RFC4646</i>	
	authority="" MARCCoDeListforLanguages				

*(recommend) means, although there is no mapping in MARC to MODS mapping or MARC to DC crosswalk, it is recommended to map with the recommended mapping.

7. [publisher](#)

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p>publisher</p> <p>Definition: 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). 'publisher' is expanded to include 'place' of publisher and publication or issuing.</p> <p>*Values can be literal or nonliteral (uri).</p>	No qualifier	260 \$b, 260, 264 \$b, 044	<originInfo><publisher><260 \$b, 260 \$f, 264 \$b	<i>dc.publisher (MIT-QDC)</i>	<i>publisher dcterms:publisher</i>
	type="place" authority="marccountry"	044 \$a 260 \$a, 260 \$e 264 \$a 008/15-17	<originInfo><place><placeTerm> with type="text" <260 \$a <place><placeTerm> with type="text" <260 \$e, 264 \$a <originInfo><place><placeTerm> with type="code" and authority="marccountry" <008/15-17		
	type="place" authority="iso3166" of CTSUBJECT in CTScheme.	044 \$c	<originInfo><place><placeTerm> with type="code" and authority="iso3166"> <044 \$c	<i>Coverage Spatial ISO3166</i>	

8. relation

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p><u>relation</u></p> <p>Definition: Information that identifies other resources related to the one being described (MODS). A related resource (DCMI).</p> <p>*Values can be literal or nonliteral (uri).</p>	no qualifier	856 ind2=2	<relatedItem>	<i>dc.relation</i> <i>dc.relation.uri</i> (QDCMIT)	<i>relation</i> <i>dcterms:relation</i>
	type="original"	534, 786	<relatedItem>type="original" ←534, 786	<i>Relation IsVersionOf, Relation IsVersionOf URI(QDC), dc.source (QDC-MIT) dc.relation.isversionof (QDC-MIT)</i>	<i>source</i> <i>dcterms:source</i>
	type="isPartOf"	440, 760, 762, 800, 810, 811, 830, and 490 (only if ind1=0), 772, 773	<relatedItem>type="series" ←440, 760 and 762, 800, 810, 811, 830 and 490 (only if ind1=0), 800, 810, 811, 830 \$0 <relatedItem>type="host" ←772, 773	<i>Relation IsPartOf, Relation IsPartOf URI (QDC) dc.relation.journal, dc.relation.ispartofseries (QDC-MIT)</i>	<i>relation</i> <i>dcterms:isPartOf</i>
	type="reference"	510, 787(DCtoMARC)	<relatedItem>type="isReferencedBy"	<i>Relation IsReferencedBy (QDC)</i>	<i>relation</i> <i>dcterms:references, isReferencedBy</i>
	type="otherFormat"	530, 776	<relatedItem>type="otherFormat" ←776	<i>Relation HasFormat, Relation IsFormatOf, (QDC)</i>	<i>relation</i> <i>dcterms:hasFormat, is</i>

				<i>Relation HasFormat URI, Relation IsFormatOf URI(QDC)</i>	<i>FormatOf</i>
	type="hasPart"	700, 710, 711, 730, 740 ind2=2, 770, 774	<relatedItem>type="constituent" ← 700, 710, 711, 730, 740 ind2=2, and 770, 774	<i>Relation HasPart (QDC) Relation HasPart URI(QDC) Dcterms:hasPart</i>	<i>relation dcterms:hasPart</i>
	type="otherVersion"	775	<relatedItem>type="otherVersion" ← 775 and ind2	<i>Relation HasVersion, Relation HasVersion URI (QDC) Dcterms:hasVersion</i>	<i>relation dcterms:hasVersion, isVersionOf</i>
	type="replacement"	780, 785	<relatedItem> type="preceding" ← 780 <relatedItem> type="succeeding" ← 785	<i>Relation Replaces, Relation Replaces URI(QDC) Relation IsReplacedBy(QDC) Relation IsReplacedBy URI(QDC) dc.relation.isreplaced by (QDC-MIT)</i>	<i>relation dcterms:isReplacedBy, replaces</i>
	type="requirement"	538		<i>Relation Requires, IsRequiredBy (QDC), dc.relation.requires (QDC-MIT)</i>	<i>dcterms:requires, isRequiredBy</i>

9. **rights**

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p>rights</p> <p>Definition: Information about rights held in and over the resource (DCMI). Information about restrictions imposed on access to a resource (MODS).</p> <p>*Values can be literal or nonliteral (uri).</p>		540	<accessCondition>with type="useAndReproduction" "←540 \$a\$b\$c\$d\$3\$5	dc.rights, dc.rights.uri dc.description.statementsofresponsibility (QDC-MIT) dc.identifier.mitlicense (QDC-MIT)	rights dcterms:rights
	type="access"	506	<accessCondition>with type="restrictionsOnAccess" "←506 \$a\$b\$c\$d\$3\$5	Rights AccessRights (QDC)	rights dcterms:accessRights, license
	type="holder"	245 \$c, 542		Rights rightsHolder (QDC), dc.rights.holder (QDC-MIT)	rights dcterms:rightsHolder

10. subject

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p><u>subject</u></p> <p>Definition: The topic of the resource (DCMI). A term or phrase representing the primary topic(s) on which a work is focused (MODS).</p> <p>subject includes in coverage concept: The spatial or temporal topic of the resource, the spatial applicability of the resource, or the jurisdiction under which the resource is relevant (DCMI).</p> <p>All authorities for 'ct:subject' are included in CTSsubject in CTScheme.</p>	No qualifier	600,610,611,630,650,653,654,072	<subject><topic> ←650 \$a\$b\$c\$d, 653 \$a, 600,610,611,630,650,651 \$x	dc.subject(QDC-MIT)	subject dcterms:subject
	with authority="lcsch" authority="lcschac" authority="mesh" authority="csh" authority="nal" authority="rvm"	600, 610, 611, 630,648, 650, 651 ind2=0, ind2=1 ind2=2 ind2=5 ind2=3 ind2=6	<subject authority="lcsch"> ←ind2=0 <subject authority="lcschac"> ←ind2=1 <subject authority="mesh"> ←ind2=2 <subject authority="csh"> ←ind2=5 <subject authority="nal"> ←ind2=3 <subject authority="rvm"> ←ind2=6	Subject LCSH (QDC), dc.subject.lcsch (QDCMIT) ← ind2=0 Subject MeSH (QDC) ← ind2=2	subject
	type="spatial"	033 \$b,\$c, 034, 043, 052, 255, 522, 600\$z, 610\$z, 611\$z, 630\$z, 648\$z, 650\$z, 651 except if ind2=7 & \$2=tgn, 653 \$a ind2=5, 662, 751, 752 (MARCtoMODS)	<subject> <hierarchicalGeographic> ←752, 662 <subject> <cartographics> ←034, 255 <subject> <geographic> ←651 \$a and 600,610,611,630,648,650, 651 \$z	coverage spatial(QDC), dc.coverage.spatial, (QDC-MIT)	coverage dcterms:spatial
	type="spatial" authority="tgn"	651 if ind2=7 & \$2=tgn	<subject><geographic> ←651 if ind2=7 & \$2=tgn (recommend)	Coverage Spatial TGN(QDC)	
	type="spatial" authority="iso3166"	043\$c, 507	<subject><geographicCode>←043	coverage spatial(QDC), dc.coverage.spatial,	coverage dcterms:coverage

*Values can be literal or nonliteral (uri).				<i>dcterms:spatial (QDC-MIT)</i>	
	type="temporal"	033 \$a, 045 513, 533\$b, 600\$y, 610\$y, 611\$y, 630\$y, 648\$a, 650\$y, 651 \$y, 653 \$a ind2=4	<subject><temporal>←045, 648\$a, 650,651 \$y 648\$a and 600,610,611,630, 650,651 \$y	<i>coverage temporal (QDC).</i>	<i>coverage dcterms:temporal (QDC-MIT)</i>
	type="classification" authority="lcc"	050	<classification>with authority="lcc" ←050	<i>Subject LCC(QDC), dc.subject.lcc(QDC-MIT)</i>	<i>Subject</i>
	type="classification" authority="ddc"	082	<classification>with authority="ddc" ←082	<i>Subject DDC(QDC)</i>	<i>Subject</i>
type="classification" authority="udc" authority="nlm" authority="sudocs" authority="candocs" authority="tgn" authority="subjectOther"	080 060 086 ind1=0 \$a 086 ind1=1 \$a 651 if ind2=7 & \$2=tgn, 084	<classification>with authority="udc" ←080 \$a\$b\$x <classification>with authority="nlm"←060 \$a\$b <classification>with authority="sudocs" ←086 ind1=0 \$a <classification>with authority="candocs" ←086 ind1=1 \$a	080, <i>Subject UDC (QDC)</i> 060, <i>Subject NLM (QDC)</i> <i>Subject TGN (QDC)</i> ←655 if ind2=7 & \$2=tgn,	<i>Subject</i>	

*(recommend) means, although there is no mapping in MARC to MODS mapping or MARC to DC crosswalk, it is recommended to map with the recommended mapping.

11. title

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p>title</p> <p>Definition: 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).</p> <p>*Values can be literal or nonliteral (uri).</p>	No qualifier	245 (default), 222	<titleInfo><title>	Title dc.title(QDC-MIT)	title dcterms:title
	type="abbreviated"	210 \$a	<titleInfo><title> with type="abbreviated"	Title Alternative	
	type="uniform"	130 (except \$h), 240(except \$h), 243 \$a 730 if ind2 is not 2 and except \$h	<titleInfo><title> with <titleInfo> type="uniform"	Title Alternative	
	type="part"	245 \$n,\$p, 242 \$n,\$p, 246 \$n,\$p, 130,240, 730 \$n,\$p, 740\$n\$p	<titleInfo><partNumber> or <titleInfo><partName>		
	type="translated"	242 \$a, 246 \$a with ind2=1	<titleInfo><title> with type="translated" ←246 \$a with ind2=1	Title Alternative	Title
	type="alternative"	246 \$a\$f, 740 \$a\$h,	<titleInfo><title> with type="alternative" ←246 \$a\$f, 740 \$a\$h if ind2 is not 2	Title Alternative dc.title.alternative, (QDC-MIT)	Title Dcterms:alternative
	type="subtitle"	245 \$b, 210 \$b, 242 \$b, 246 \$b	<titleInfo><subTitle>	Title Alternative (recommend)	Title (recommend)

*(recommend) means, although there is no mapping in MARC to MODS mapping or MARC to DC crosswalk, it is recommended to map with the recommended mapping.

12. **typeGenre**

*Often used by 5 search engines Often used tags over 50% in records

Common Term (Property)	Qualifier (SubProperty)	MARC (Based on MARC to DC Crosswalk)	MODS (Based on MARC 21 to MODS 3.5 Mapping)	QDC (Based on MARC to DC Crosswalk)	DC/ dcterms (MARC to DC Crosswalk)
<p>typeGenre</p> <p>Definition: The nature of the resource (DCMI). A term that specifies the characteristics and general type of content of the resource (MODS).</p> <p>Authorities are included in CTypeGenre in CTScheme.</p> <p>*Values can be literal or nonliteral (uri).</p> <p>Genre definition: A term(s) that designates a category characterizing a</p>	<p>authority="LCMARCtype"</p>	<p>Leader 06: <typeOfResource> and value: a, t Text e, f Cartographic c, d notated music i, j sound recording <i>[Used when a sound recording contains a mixture of musical and nonmusical sound or if the user does not need to make a distinction between musical and nonmusical sound recordings]</i> i sound recording - nonmusical j sound recording - musical k still image <i>[not exact mapping; some still images coded "g"]</i> g moving image o Kit r three dimensional object m software, multimedia p mixed material</p> <p>Leader 07- Bibliographic level a - Monographic component part b - Serial component part c - Collection d - Subunit i - Integrating resource m - Monograph/Item s - Serial</p>		<p><i>dc.type, dc.type.uri (QDC-MIT)</i></p>	<p><i>type</i> <i>dcterms:typ</i> <i>e</i></p>
	<p>authority="DCMItype"</p>	<p>655 if \$2=dct</p>		<p><i>type DCMI type vocabulary (QDC)</i></p>	<p><i>type</i></p>
	<p>type="genre" authority="LCMARCgenre"</p>	<p>655, 047, 336, 653\$a ind2=6,</p>	<p><i><genre> (recommend)</i></p>		<p><i>type</i></p>

<p>particular style, form, or content, such as artistic, musical, literary composition, etc. (MODS).</p>		<p>600,610,611,630,648,650,651 \$v 007/01 008/21-33 <genre authority="marcgt"> Genre CT values from MODS <genre> <i>various positions</i> <genre authority="marcgt"> [repeat tag for each new value] and value [where two MARC elements are indicated generate one <genre>]:</p> <p>008/24+ BK,CR (code a) abstract or summary 008/33 VM (code a) art original 008/33 VM (code c) art reproduction 008/25 MP (code e) atlas or 007/01 MP (code d)</p> <p>008/30-31 MU (code a) autobiography 008/24+ BK,CR (code b) bibliography 008/34 BK (codes a,b,c,d) biography</p> <p>008/30-31 MU (code b) biography 008/24+ BK,CR (code 5) calendar 008/24+ BK,CR (code c) catalog 008/33 VM (code n) chart 008/24+ BK,CR (code 6) comic or graphic novel 008/33 BK (code c) comic strip 008/29 BK,CR (code 1) conference publication 008/30-31 MU (code c) conference publication 008/21 CR (code d) database or 008/26 CF (code e)</p> <p>008/24+ BK,CR (code d) dictionary 008/33 VM (code d) diorama 008/24+ BK,CR (code r) directory 008/24+ BK,CR (code k) Discography </p>		
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*(recommend) means, although there is no mapping in MARC to MODS mapping or MARC to DC crosswalk, it is recommended to map with the recommended mapping.

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