

Data Dictionary for Datasets - Minimum Viable Descriptive Metadata

Montana State University (MSU) Library - Data Management Task Force, Working Document

Label	Definition	Input Rules	Local Repository Fields	Crosswalk
Descriptive Metadata				
Title	"The name given to the resource. Typically, a Title will be a name by which the resource is formally known." (DCMI)	Dataset: Data from [study] of [entity] regarding [subject] Newsletter: [title of newsletter], [issue date] Book: title from the catalog record Other formats: Devise a brief descriptive title that uniquely identifies the resource (e.g. names of persons, corporate bodies, objects, activities, and events). Examples: • Letter from James Willard Schultz to Standing Bear • Sunset, January 1974 • Thomas Brook and his staff	DC Map: dc.title Data Type: Text Search: Yes Hide: No Required: Yes Vocab: No Required in ScholarWorks Field Template: Yes	DC: Title Schema.org: name MARC: 245 \$a 245 \$b

Creator	"An entity primarily responsible for making the resource." (DCMI)	family name, given name [lifespan date] lifespan date is not required, but preferred for disambiguation Examples: • Hooks, Bell [1952] • deGrasse Tyson, Neil	DC Map: dc.contributor.author Data Type: Text Search: Yes Hide: No Required: Yes Vocab: No Required in ScholarWorks Field Template: Yes	DC: Creator Schema.org: name MARC: 100 \$a
Keywords	Keywords or tags used to describe this content. Multiple entries in a keywords list are typically delimited by commas.	Keywords in ScholarWorks each get their own DC field.	Required: Maybe?	Schema.org: keywords
Description	An abstract or content summary of the data resource		Required: Maybe?	Schema.org description
Date	Date of the original resource. "A point or period of time associated with an event in the lifecycle of the resource." (DCMI)	W3CDTF profile of ISO 8601 (YYYY-MM-DD) Examples: 2014-02 2014-02-03	DC Map: dc.date Data Type: Text Search: Yes Hide: No	DC: Date Schema.org: Date MARC:

		19651031	Required: Yes Vocab: No Required in ScholarWorks Field Template:Yes	008
Date Last Modified	The date on which the work was most recently modified.	Follow ISO 8601 Date Standard Examples: 2015-05-19 2015-05-19T07:31:23+00:00	Required: Yes	Schema.org dateModified
Identifier (if none exists, a handle, provided by SW will be created at time of deposit)	“An unambiguous reference to the resource within a given context.”	Any unique standard identifier A URI, ISBN, ISSN, DOI, ARK, etc. Examples: http://scholarworks.montana.edu/xmlui/handle/1/7304 ISBN-10: 0345331354 doi:10.1006/jmbi.1995.0238	DC Map: dc.identifier.uri Data Type: Text Search: No Hide: No Required: Yes Vocab: No Required in ScholarWorks Field Template:Yes	DC: Identifier Schema.org productID MARC 010, 020, 022, 024 , 856
license	“A license document that applies to this content, typically indicated by URL.”	Any unique standard identifier A URI, ISBN, ISSN, DOI, ARK, etc.	DC Map: dc.identifier.uri	DC: rights

		Examples: https://creativecommons.org/licenses/by/3.0/us/	Data Type: Text Search: Yes Hide: No Required: Yes Vocab: No Required in ScholarWorks Field Template: Yes	Schema.org license MARC 506,540
Version	A related resource of which the described resource is a version, edition, or adaptation. (DCMI)	Changes in version imply substantive changes in content rather than differences in format. Examples: FileName.v1 FileName.v2 (or should it just be a number, or “version 1”?)	DC Map: dc.isVersionOf Data Type: Text Search: Yes Hide: No Required: Yes Vocab: No Required in ScholarWorks Field Template: No	DC: isVersionOf Schema.org version MARC 250
Related work	A related resource. (DCMI)	Examples: related publication, related data set Related work should be identified by a permanent identifier, such as a URI, ISBN, ISSN, DOI, or ARK.	DC Map: dc.relation Data Type: Text Search: Yes	DC: Relation Schema.org

			Hide: No Required: No Vocab: No Required in ScholarWorks Field Template: No	isPartOf MARC: 774\$n\$t http://www.loc.gov/marc/bibliographic/bd774.html
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Four Overall requirements

1. Metadata based on above requirements
2. A README file or manifest template file - including Licensing
3. Stable data - can still be being analyzed, but not modified