

Service-Oriented Levels of Metadata Adoption

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The current draft of services tied to the [metadata levels of adoption](#) seem to be an afterthought, brainstormed as way to have the MODS encoding guidelines be less burdensome. Some areas of concern from a service-oriented perspective:

- Can't I browse on subject, language, date, or typeOfResource?
- Can't I limit searches/filter on genre, name/role, or more specific subject sub-elements?
- Do I really need all level 5 elements to effectively evaluate a resource?
- Etc.

The draft below attempts to start from the users service-oriented perspective in the spirit of creating a dialog between SWG and MWG.

Whatever finalized guidelines/requirements emerge, it is important to note that Aquifer has invested a tremendous amount of effort into the creation of MODS encoding guidelines and levels of adoption. It is important that the portal user interface take advantage of this work and that Aquifer's assessment determine if these encoding guidelines and levels of adoption are useful to scholars. Evidence-based guidelines that are ground-tested by actual end-users in an interface of a live service, are more compelling than those developed in the abstract.

Level A. A user is able to identify a resource (to reference, for future re-discovery)

Simple search

Simple search should just be a single search box with no limits at all, like Google.

For this index, should we index entire record or should this be a superset of each separate fielded index? Is there anything in the record that shouldn't be indexed?

Results display

Display Label	Brief Display Notes	XPath	Comments
URL	Do not display the value; make it the target for the hyperlinked Title	/mods/location/url[@usage="primary"]	
Title	Hyperlink with the URL	/mods/titleInfo/title	
[Thumbnail image]	Resize x and y with HTML?	In Asset Action? Also in MODS?	Only required for images/video
Date	Show one date only	/mods/originInfo/dateCreated/*	Date that the original object was created; not necessarily machine readable

For alternative approaches for the minimal fields required for identification, see:

- [DCMI Kernel Metadata](#)
- [ISBD\(G\)](#)

Level B. A user is able to find resources through a process (search and/or browse) that offers a modest amount of precision.

- Not yet clear if browse is possible.
- Are there some data elements that we should suppress (not display at all)?

Display Label	Expose on Advanced Search Form?	Expose as Browse Facet?	XPath	Comments
URL	No	No	/mods/location/url[@usage="primary"]	
Title	Yes	No	/mods/titleInfo/title	
Date [Created]	Yes, with constrained options	Yes, if date normalization yields good results. Can these be hierarchical? Era, then Decade, then Year	/mods/originInfo/dateCreated [@keyDate="yes" and encoding="w3cdtf"] /mods/originInfo/dateIssued [@keyDate="yes" and encoding="w3cdtf"] /mods/originInfo/copyrightDate [@keyDate="yes" and encoding="w3cdtf"]	Date that the original object was created only (or copyright date); other dates (dataCaptured, dateValid, dateModified, dateOther) seem irrelevant for searching (and display?)
Creator	Yes	Yes	/mods/name/*	
Terms and Conditions of Use	Checkbox for unrestricted	Yes	/mods/accessCondition/*	

Subject	Yes	Only if meaningful; probably requires enhancement	/mods/subject/*	
Geographic Coverage	Yes	Only if meaningful; probably requires enhancement	/mods/subject/geographic/* /mods/subject/geographicCode/* /mods/subject/hierarchicalGeographic/* /mods/subject/cartographics/*	
Coverage Date (what to call this?)	Yes	Only if meaningful; probably requires enhancement	/mods/subject/temporal/*	

Level C. Everything else. These fields allow users to perform searches with a high degree of precision, browse winnowing, and disambiguation between related resources.

 Not yet finished

Required MODS

Display Label	Expose on Advanced Search Form?	Expose as Browse Facet?	Expose on Full Record Display?	XPath	Comments
URL	No	No	Hyperlink this	/mods/location/url[@usage="primary"]	
Title	Yes	No	Render as is	/mods/titleInfo/title	
Date [Created]	Yes, with constrained options	Yes, if date normalization yields good results. Can these be hierarchical? Era, then Decade, then Year	Show raw date, not normalized dates	/mods/originInfo/dateCreated[@keyDate="yes" and encoding="w3cdtf"] /mods/originInfo/dateIssued[@keyDate="yes" and encoding="w3cdtf"] /mods/originInfo/copyrightDate[@keyDate="yes" and encoding="w3cdtf"]	Date that the original object was created only (or copyright date); other dates (dataCaptured, dateValid, dateModified, dateOther) seem irrelevant for searching (and display?)
Creator	Yes	Yes	Need specs for the how to format all the different elements in here.	/mods/name/*	
Terms and Conditions of Use	Checkbox for unrestricted	Yes	Needs specs for how to render multiple elements	/mods/accessCondition/*	
Subject					
Language					
Genre					
Format					
Genre					Genre of original item
Subject					
Language					
Collection					
Geographic Location		*Country/State *City			

Recommended MODS

Display Label	Expose on Advanced Search Form?	Expose as Browse Facet?	Expose on Full Record Display?	XPath	Comments
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