Summary of the DLF Aquifer MODS Profile

This handout introduces the DLF Aquifer MODS Profile, developed by the DLF Aquifer Metadata Working Group for use with digital cultural heritage materials digital cultural heritage and humanities-based scholarly resources and in coordination with the DLF Aquifer initiative to enable distributed content to be used effectively by libraries and scholars for teaching, learning, and research.

Successful institutional sharing of collection information depends on the quality of metadata; the MODS format provides an example of a more descriptive format for metadata sharing. Recognizing that many institutions do not currently meet the requirements or recommendations set forth in this profile, the Metadata Working Group offers these best practices as a standard to guide metadata sharing and practices.

SEE ALSO: **OAI "Cheat Sheet"** (best strategies for converting metadata formats into shareable OAI) and **Summary of OAI Metadata Best Practices** (common metadata formats, quality issues in sharing metadata, and best practices for OAI data and service providers).

Requirements and Recommendations

The following table is an abbreviated version of the DLF Aquifer MODS Profile, containing at-a-glance information about required elements and aspects of their use. The complete profile includes detailed discussion of each element and examples of complete records that meet the profile.

Element	Required	Subelement(s) / Attribute required	Repeatable	Content Controlled
<titleInfo>	Yes	- One <title> subelement	Yes	No
<name>	No	N/A	Yes	No
<typeOfResource>	Yes	No	Yes	Yes (see profile)
<genre>	Yes	No	Yes	Recommended authority attribute limits content
<originInfo>	Yes	- At least one date subelement must have attribute keyDate="yes"	Yes	Recommended encoding attribute limits content
<language>	Yes, if language primary to resource	- Subelement <languageTerm> - type attribute required	Yes	Required attribute type="code" limits content
<physicalDescription>	Yes	- One subelement <digitalOrigin> - At least one subelement <internetMediaType>	No	Yes (see profile)
	No	N/A	No	No

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Element	Required	Subelement(s) / Attribute required	Repeatable	Content Controlled
<tableOfContents>	No	N/A	Yes	No
<targetAudience>	No	N/A	Yes	Recommended authority attribute limits content
<note>	No	N/A	Yes	No
<subject>	-under discussion-			
<classification>	No	N/A	Yes	Recommended authority attribute limits content
<relatedItem>	No	N/A	Yes	In some cases (see profile)
<identifier>	Yes	- type attribute required	Yes	Required type attribute limits content
<location>	Yes	- Subelement <url> is required for one and only one <location> element	<location><url> is not repeatable	Yes
<accessCondition>	Yes	- Must use attribute type="use and reproduction"	No	No
<part>	No	N/A	Yes	No
<extension>*	No	N/A	N/A	N/A
<recordInfo>				

REFERENCES

Shreeves, S. L. (2005, October). *DLF Aquifer MODS Profile Introduction*. Unpublished DLF Aquifer Metadata Working Group document.

Shreeves, S. L. (2005, September). *Aquifer Metadata Working Group MODS Elements – Requirements*. Unpublished DLF Aquifer Metadata Working Group document.