An Introduction to the Open Archives Initiative Object Reuse and Exchange (OAI-ORE)

Jenn Riley, Metadata Librarian Digital Library Program DLP Brown Bag, 11/19/2008

Handout and workshop slides adapted from *ORE Specifications and User Guides - Table of Contents*, and linked documents, at http://www.openarchives.org/ore/1.0/toc.html.

The **Primer** introduces basic concepts and describes the OAI-ORE specifications at a high level: <<u>http://www.openarchives.org/ore/1.0/primer></u>.

User Guides provide instructions creating Resource Maps in various formats and describe the mechanisms to make them available on the Web. These include:

- Resource Map Implementation in Atom http://www.openarchives.org/ore/1.0/atom
- Resource Map Implementation in RDF/XML http://www.openarchives.org/ore/1.0/rdfxml
- Resource Map Implementation in RDFa http://www.openarchives.org/ore/1.0/rdfa
- HTTP Implementation http://www.openarchives.org/ore/1.0/http
- Resource Map Discovery http://www.openarchives.org/ore/1.0/discovery

Specifications define the underlying OAI-ORE data model and the vocabulary for the entities and properties in that model. These include:

- Abstract Data Model http://www.openarchives.org/ore/1.0/datamodel
- Vocabulary http://www.openarchives.org/ore/1.0/vocabulary

Build OAI-ORE-based applications with the help of these tools and resources:

- Tools and Additional Resources http://www.openarchives.org/ore/1.0/tools
- Comment and discuss on the OAI-ORE Google Group http://groups.google.com/group/oai-ore