Metadata for Educational Resources

LOM , LRMI Exercises and Sources

Tools for creating LOM records

- Record generation tool -- need downloading and install.
  LOMpad: version 2.2.2 (2015/06/29)
  http://helios.licef.ca:8080/LomPad/en/index.htm

- XML schema for downloading (if you use an XML editor)
  LOM (version 1.0) schema index:
  * [imcomplete]
  http://standards.ieee.org/reading/ieee/downloads
  /LOM/lomv1.0/xsd/

Best practices

- IMS Meta-data Best Practice Guide for IEEE 1484.12.1-2002
  Standard for Learning Object Metadata (Version 1.3 Public Draft)
  https://www.imsglobal.org/metadata/imsmdv1p2p1
  /imsmd_bestv1p2p1.html

LOM Exercises

3.1 Analyze a LOM record:

Site: http://www.nzdl.org/gsdlmod?a=p&p=about&c=lomdemo

Art record: http://www.nzdl.org/gsdl/collect/lomdemo/import
/arts/657841.xml

Science record: http://www.nzdl.org/gsdl/collect/lomdemo/import
/science/582041.xml

3.2 Create LOM records:

1. HarvardX Open course modules: The Book: Histories Across Time
   and Space
   https://www.edx.org/book-histories-across-time-space-0
   This modular collection of courses encompasses all aspects of the
   book in its many manifestations, across time and space.
   Select a particular module, e.g., *The Book: Print and Manuscript in
   Western Europe, Asia and the Middle East (1450-1650)*

2. a lesson plan
   http://www.nationalgeographic.com/xpeditions/
   lessons/01/g68/mapmaking.html at the National Geographic
   Xpeditions archives website:
   http://education.nationalgeographic.com/archive/xpeditions
   /lessons/01/g68/mapmaking.html

LRMI (Learning Resource Metadata Initiative)

LRMI Specification:

The LRMI specification is a collection of classes and properties for
markup and description of educational resources (learning resource
metadata). The specification builds on the extensive vocabulary

provided by Schema.org and other standards.

- LRMI terms: http://dublincore.org/dcx/lrmi-terms/1.1/
- LRMI terms in RDF
- Example of LRMI -based descriptions [template]