METS and Access to Complex Digital Objects

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METS – Metadata Encoding and Transmission Standard

METS = Standard maintained by Library of Congress
Used by libraries & collections worldwide
XML schema
Package to deliver & share digital objects

METS is interoperable with Open Archival Information System (OAIS)
METS compatible with any schema extensions i.e.; rights, accounts etc

METS Creation tool = SQL back end database
Java front end

Examples of METS creations tools

MOAC community toolbox
www.bampfa.berkeley.edu/moac/community_toolbox.html

Archivists Toolkit
www.archiviststoolkit.org

Outsourcing METS data entry
Open content alliance with yahoo and Microsoft
WebgenDB
http://www.lib.berkeley.edu/digicoll/bestpractices/webgendb_bp.html

Building METS
1. Descriptive metadata – Metadata Object Description Data (MODS)
   http://www.loc.gov/standards/mods/
2. Administrative metadata
3. Technical metadata
4. Rights metadata
5. JPEG2000 & TFF

Delivering & managing METS
XTF = Extensible text format open source format for delivering METS format online
http://www.cdlib.org/inside/projects/xtf/

Different faces of METS
XSLT (Extensible stylesheet language transformation)
TEI (Text encoding initiative)
Portal websites:
www.bancroft.berkeley.edu/collections; www.loc.gov/standards/mets