Our visual cultural heritage storage: introduction to MIX metadata for visual materials

Solmaz Zardary
Fatima Fahimnia

2nd International Symposium on Information Management in a Changing World
September 22-24, 2010, Ankara, Turkey
Images as information media:

- Huge amount of digitized images as visual heritage
- Need to standardize image organization
- Need to create metadata for images in information centers (e.g. libraries, archives, art galleries, publishers, rights holders, cultural heritage institutions, and storage centers)
What is MIX?

- Metadata for still Images in XML Standard
- technical descriptive metadata
- It is presented by the Library of Congress Network Development and MARC Standards Office and supported by the National Information Standards Organization (NISO)
History of MIX:

- A draft version 0.2 has been available since July 2004. 2.0 is the current version.
- Access to its previous versions, documents, examples, tools, utilities and comments are available via the Library of Congress web site.
Attributes:

- A comprehensive standard developed specifically for the management of digital still images.
- MIX stores image capture information, bit depth, color space, photometric interpretation, and specific format characteristics.
- The schema provides a format for interchange and/or storage of the data specified in the Data Dictionary - Technical Metadata for Digital Still Images.
- MIX is expressed using the XML schema language of the world wide web consortium.
Attributes:

- Although a MIX file can be very lengthy and complex, almost all of its components are optional so that a basic record may be very simple.
- MIX is not tied to any specific format—Includes data elements common to all image file formats.
- The MIX metadata set works with other existing standards.
- It is just for still images and not other kinds of images are included.
Parts of MIX:

- It is mentioned four parts for MIX

1. Basic image parameters
2. Image creation
3. Image performance assessment
4. Change history