What is a metadata librarian?

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What is a metadata librarian?

“Metadata Matters” webinar hosted by CARLI DCUG
November 9, 2010

Karen Miller, Northwestern University
Kristin Martin, University of Illinois at Chicago
Ellen Corrigan, Eastern Illinois University
NUL Metadata: A Brief History

- Earliest digitization projects used static web pages, metadata embedded in the HTML (starting in 1995)

- MARC item level cataloging of visual materials, MARC converted to SGML for web (1995-2001)

- Participation in the CORC project and Library of Congress American Memory, creation of Dublin Core, TEI, and MARC records (2004)

- Digital repository: FEDORA
  - Book digitization
  - Finding aids
  - Digital Image Library
  - Legacy projects moved here

- Repository Implementation Group formed to implement prioritize projects, develop repository policies, guide development of interfaces.
Early projects at NUL
Cross collection search interface to the digital repository at NUL:
digital.northwestern.edu
Cross collection search interface to the digital repository at NUL: digital.northwestern.edu
UIC Metadata: A Brief History

• UIC began to digitize collections about 10 years ago
  o Early projects used Hyperion, later Luna to manage digital assets
  o Most projects migrated forward

• Current digital collections
  o CONTENTdm through CARLI
  o Indigo Institutional Repository (using DSpace)
UIC History, Continued

• Work done in early-mid 2000s to develop descriptive metadata standards
  o Special Collections in consultation with University Photographer
  o UIC Metadata Standards Task Force
  o Standards brought together for data dictionary for CONTENTdm

• No official standards for technical or administrative metadata
EIU Metadata: A Brief History

2000-2007
• Image collections in Access databases, no metadata standards
  o Exception: one externally-hosted, grant-funded project
• Individually cataloged items linked to digitized versions from bibliographic/holdings records

2008-present
• CONTENTdm, Dublin Core
Quick Facts about UIC

• 25,000+ students
• Library includes Richard J. Daley Library, Science Library, Library for the Health Sciences (with 4 locations)
• 2.2 million volumes in Library
• ~196 total employees
• ~65 faculty/academic professionals
• Metadata Librarian located in Resource Acquisition and Management
  o ~26 employees
UIC Organizational Chart

- **Resource Acquisition & Management**
  - Jay Lambrecht, Interim

  - **Acquisitions & Rapid Cataloging**
    - Stephen Smith
    - Alfredia Smith, LOA

  - **Resource Description & Access**
    - Jay Lambrecht, Interim

  - **Electronic Resources**
    - Kristin Martin, Interim

  - **Original Cataloging**

  - **Metadata Services**
    - Kristin Martin

  - **Database Management**
Quick Facts About EIU

- Public, comprehensive university granting bachelor’s, master’s, specialist’s degrees
- ~12,000 students

Booth Library
- 978,209 cataloged monographic and serial holdings + more than 1.2 million microforms
- 62.66 FTE positions
- “Metadata librarian” position located under Cataloging Services (6 employees)
Quick Facts about NUL

- 16,000+ students
- Main Library holds 4.6 million volume
- ~205 total employees
- ~93 faculty/academic professionals
- Monographic/Digital Projects Cataloger located in Bibliographic Services Dept.
  - ~16 employees
Digital repository implementation at NUL
Parallel committee/department structure

- Digital Library Coordinating Committee
  Overall oversight, broad strategies and directions
- Digital Projects Committee
  Receives and prioritizes digitization project proposals
- Repository Policy Committee
  Drafts necessary policies (legal, preservation, etc.)
- Repository Implementation Group

- Enterprise Systems
  Repository development, content modeling
- Digital Collections
  Project management & funding, digitization, requirements identification
- Bibliographic Services
  Metadata standards and services
- Academic Liaison Services/Scholarly Communications
  Faculty outreach, legal issues

Karen
Responsibilities at EIU

• MARC-based cataloging
• Descriptive metadata for digital collections
• Coordination of digital resources service
• Other duties as assigned
Responsibilities at NUL

- Print cataloging using MARC, NACO and BIBCO work
- DLCC and Repository Implementation Group: Liaison from Bibliographic Services Dept.
- Initiate metadata related projects related to the digital repository
  - Review of open source metadata editors
  - Development of repository policy on metadata requirements, including descriptive, administrative and technical metadata.
  - Maintenance of controlled vocabularies used in the repository.
- Coordinate authority control with finding aids project (using Archon to generate and edit EAD)
- Work with IT staff to create crosswalks from existing metadata into other formats (MARC to MODS, MARC to VRA Core, etc.)
- Most cataloging work is done in MARC. Very little work done directly using XML.
Responsibilities at UIC

• Develop and promulgate metadata standards
  o Descriptive, technical, administrative
• Review and oversee metadata creation and development
• Serve as metadata expert and liaison to campus departments needing assistance
• Review standards and methods for cataloging e-resources
• Determine methods to improve search and discovery across all library resources
UIC Job Responsibilities in Reality

*In addition to duties on previous page…*

- Maintain authority control in library catalog
- Work with team to manage catalog access to e-books and e-journals, including record loads
- Catalog special collections materials
- Manage implementation of WorldCat Local
- Develop reorganization plan for electronic resources acquisitions and access

*As of August 16, 2010…*

- Manage acquisitions workflows and processes for electronic resources, including licensing, ordering, activating, troubleshooting, and managing staff of two
Karen's Background

• Recent graduate of Dominican University with MSLIS (2003) and Dr. Gertrude Koh's cataloging courses:
  o Cataloging and Classification
  o LC Subject Analysis
  o Metadata for Internet Resources
• Two years in a split position with Preservation Dept., developing digital preservation policy
• Prior experience with SQL, basic programming
• Basic knowledge of XML and XSLT gained in on-the-job training and ALA pre-conference seminars
Kristin’s Background

*If I can become a metadata librarian, so can you!*

- BA History, BMA Clarinet Performance, University of Michigan
- MSLS, University of North Carolina at Chapel Hill, 2000
  - Focus on archival management
  - Cataloging with Jerry Saye and Metadata with Jane Greenberg
- Work Experience
  - Assistant Archivist, Cleveland Museum of Art
  - Digital State Documents Librarian, State Library of North Carolina
  - Digital Metadata Manager/Documents Cataloger, State Library of North Carolina
  - Electronic Resources Cataloger, UNC
  - Metadata Librarian, University of Illinois at Chicago
- Additional training on-the-job and through continuing education workshops and preconferences
Ellen’s Background

Education
M.A. (Art History and Archaeology), M.L.S., University of Maryland

Professional Work Experience
• Arts Librarian, Penn State University, 2001-2003
• Art Librarian, University of California, Santa Barbara, 2003-2008
  o Selected continuing education activities: CDP/AASLH digitization workshop; “Metadata for Digital Collections” online course (Steven J. Miller, UWM SOIS Professional Development Institute)
• Assistant Professor, Library Services, Eastern Illinois University, 2008-present
  o Selected continuing education activities: “Metadata for You & Me” workshop (Sarah Shreeves), CONTENTdm training through CARLI; “Manipulating Metadata: XSLT for Librarians” ALA preconference workshop
  o On-the-job learning/self-teaching
Links to UIC Digital Collections and Documentation

- From UIC website: http://library.uic.edu/home/collections/images
- Indigo (Institutional Repository) http://indigo.lib.uic.edu:8080/dspace/
- UIC Images on Flickr http://www.flickr.com/photos/uicdigital/
- Data Dictionary for CONTENTdm http://wiki.carli.illinois.edu/index.php/Portal:CONTENTdm#Metadata
1. Bowen Country Club Collection (University of Illinois at Chicago)
   The photographs of Bowen Country Club Collection in this database are from a larger collection of photos depicting the Hull-House settlement house.

2. C. William Brubaker Collection (University of Illinois at Chicago)
   Charles William "Bill" Brubaker (1926-2002) was a member of the architecture board until his retirement. His collection includes slides and photographs.

3. Carberry Collection of Caribbean Literature (University of Illinois at Chicago)
   The project preserves fragile books of the Collection.

4. Century of Progress World's Fair, 1933-1934 (University of Illinois at Chicago)
   A Century of Progress World's Fair was the world's largest theme park. This fair is part of the collection.

5. Chicago Aerial Photo Services (CAPS) (University of Illinois at Chicago)
   The Chicago aerial photo service collection is from 1929 to the present day.
Monadnock Building

Title: Monadnock Building
Variant Title: Monadnock Block

Creator: Burnham and Root Holabird & Roche (Chicago, Ill.)
Description: Undated photograph of the façade of the Monadnock building by C. William Brubaker.

Date: 1889-1891 and 1891-1893
Geographic coverage: Loop (Chicago, Ill.)

Collection: C. William Brubaker Collection (University of Illinois at Chicago)
Repository: University of Illinois at Chicago. Library. [Visual Resources].
Credit Line: Cite as [creator], [title], [file name], [collection].
Rights: University of Illinois at Chicago College of Architecture and the Arts holds reproduction and licensing rights.
File Name: bru001_05_o.jpg

For more images from the collection, visit collections.carli.illinois.edu/cdm4/index_uic_bru.php?CIS...

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| Downloads      | Downloads of larger files for this image are available from the C. William Brubaker set in the UIC Library Flickr collections at http://www.flickr.com/photos/uicdigital/sets/72157625021131144/.
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</table>
Panoramic representation of the exhibition buildings at the Century of Progress International Exposition, 1933.

Author: Century of Progress International Exposition
Publisher: Special Collections and University Archives, University of Illinois at Chicago Date of Image: 1933
Series: Images of Progress: Views of a Century of Progress International Exposition, 1933-1934 (University of Illinois at Chicago)
Edition/Format: Downloadable visual material: Picture

Original images are located in Century of Progress Records, 1857-1962
Future Metadata Projects for UIC

Or, If Kristin had all the Time she Needed…

• Develop descriptive standards to cover collections in all types of repositories
• Perform survey of digital object storage as first step to developing digital preservation standards
• Investigate methods to embed metadata in digital images
• Devote more time to cross-collection searching and ways of sharing metadata and access to images
• Develop methods for keeping metadata up-to-date
Booth Library Postcard Collection (EIU)
http://collections.carli.illinois.edu/cdm4/index_eiu_postc.php?CISOROOT=/eiu_postc
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<td>The items digitized in this collection are the property of Booth Library, Eastern Illinois University. Additionally, materials contained in this collection may be copyrighted, and the library makes no assertions as to ownership of any copyrights to the original items. Users are solely responsible for determining the existence of such rights and for obtaining any permission and/or paying associated fees necessary for the proposed use. Any display, publication, or public use must credit Booth Library, Eastern Illinois University as the source of the image. Contact Booth Library Special Collections at (217) 581-7552 for more information.</td>
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<td>High school buildings</td>
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<td>Postcard Type</td>
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<td>Type</td>
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The Little Theatre on the Square in Sullivan (EIU)

http://collections.carli.illinois.edu/cdm4/index_eiu_theatre.php?CISOROOT=/eiu_theatre
### Field name | DC map | Data type | Large | Search | Hide | Required | Vocab | add field
--- | --- | --- | --- | --- | --- | --- | --- | ---
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Page | Text | Text | Yes | Yes | No | Yes | Yes | Page
Description | Text | Text | Yes | Yes | No | Yes | Yes | Description
Format | Type | Text | Yes | Yes | No | Yes | Yes | Format
Type | Text | Text | Yes | Yes | No | Yes | Yes | Type
Language | Text | Text | Yes | Yes | No | Yes | Yes | Language
Collection | Rights | Rights | Yes | Yes | No | Yes | Yes | Collection
Rights | Rights | Rights | Yes | Yes | No | Yes | Yes | Rights
### Collection field properties
- Vars, add, edit and delete fields, create full text searching and controlled vocabulary. After you have added, changed, or deleted fields, index the collection to update changes.
Metadata projects at NUL

- Fedora repository used to house images, EAD finding aids, and books
- Digital images include maps, photographs, posters, and airline menus. Soon will include art slides and other images.
- Fedora accepts any metadata schema or content type
- Descriptive metadata used includes:
  - MARCXML, MODS, Dublin Core, EAD, VRA Core
- Every digital object has a description in whatever schema is appropriate for its type and a MODS record used for cross collection searching
- Many digital images and books were cataloged first in MARC
- Finding aids cataloged in Archon by University Archives or Special Collections staff; Bib. Services catalogers provide authority work and assign subject headings
The Humphrey Winterton Collection of East African Photographs: 1860-1960

About the Collection

The Collection

Winterton in the Classroom
Album: 1
Title: British East Africa
Dates: 1900-1920
Title from inventory: H.R.H. the Count of Turin in British East Africa & H.R.H. Collector: Lieutenant 'Lidy' Inglis
Abstract: The Count of Turin's safari through British to German East Africa.
Object ID: 8-1
Languages: Album is captioned in English
Physical description: 1 album, 35 p., 17 x 23 cm. Recent half morocco, brown cloth sides, gilt.
Found in: British East Africa (Group 8)
Scope and Contents:
Photographs of the Count of Turin and his traveling party through British East Africa to G

Subjects:
Leggett, Ada—Portraits
Leggett, Edward Humphrey Manisty, Sir, 1871-1947—Portraits
Alba, Jacobo Stuart Fitz-James y Falco, duque de, 1878-1953—Portraits
Europeans—Africa, East—Portraits
Africans—Portraits
Uganda—Description and travel—Pictorial works
Entebbe (Uganda)—Description and travel—Pictorial works
Mombasa (Kenya)—Description and travel—Pictorial works
Kenya—Description and travel—Pictorial works
Scope and Contents

Photographs of the Count of Turin and his traveling party through British East Africa to German East Africa, between 1900 and circa 1920.
Resources for Metadata Librarians

• ALCTS (Association of Library Collections and Technical Services)
  o Metadata Interest Group:  
    http://www.ala.org/ala/mgrps/divs/alcts/mgrps/ig/ats-nrmc.cfm
  o Continuing Education:  
    http://www.ala.org/ala/mgrps/divs/alcts/education/index.cfm

• Dublin Core Conference:  http://dublincore.org/
Resources, Continued

Readings

Online Publications
• *Code4Lib Journal*
• *D-Lib Magazine*
  [http://www.dlib.org/](http://www.dlib.org/)

Blogs
• *Metadata Matters* (Diane Hillmann)
  [http://managemetadata.org/blog/](http://managemetadata.org/blog/)
• *Coyle’s InFormation* (Karen Coyle)
  [http://kcoyle.blogspot.com/](http://kcoyle.blogspot.com/)
• *Metalogue* (OCLC, hosted by Karen Calhoun)
  [http://community.oclc.org/metalogue/](http://community.oclc.org/metalogue/)
• *Metadata Blog: Blog of the ALCTS Metadata Interest Group*
  [http://www.alcts.ala.org/metadatablog/](http://www.alcts.ala.org/metadatablog/)
• *Planet Cataloging* (aggregator)
  [http://planetcataloging.org/](http://planetcataloging.org/)

Listservs
• Metadatalibrarians listserv
  [metadatalibrarians.monarchos.com](http://metadatalibrarians.monarchos.com)