



## University of Oregon Libraries

### Resources, Standards, and Background Information for Digital Collections

*This page serves as a resource for members of the Metadata Implementation Group and the Digital Content Coordinators.*

#### Standards or Recommended Practice

- Digital Preservation

- [Automatic Exposure : Capturing Technical Metadata for Digital Still Images](#) / an RLG Initiative (2004)
- [Care and Handling of CDs and DVDs: A Guide for Librarians and Archivists](#) / by Fred R. Byers (October 2003)
- [CEDARS: CURL Exemplars in Digital Archives](#)
- [Copyright and Licensing for Digital Preservation](#) (2003-2004)
- [Digital Preservation](#) / Digital Library Federation (2002)
- [Digital Preservation and Copyright](#) (2003) / Peter B. Hirtle
- [Digital Preservation Coalition Home](#)
  - [DPC/PADI What's New in Digital Preservation](#) / comp. by Gerard Clifton (National Library of Australia) and Michael Day (UKOLN) (updated several times a year: select desired issue)
  - [DPC/OCLC Technology Watch Report: The Open Archival Information System Reference Model](#) / Brian F. Lavoie, OCLC Office of Research (January 2004)
  - [Handbook](#)
- [Digital Preservation Management : Implementing Short-Term Strategies for Long-Term Problems](#) / Cornell University Online Tutorial (2003)
- [ERPANet Digital Preservation Tools](#) (2003-2004)
- [It's About Time: Research Challenges in Digital Archiving and Long-Term Preservation](#) (August 2003) / NSF, Digital Government Program and Digital Libraries Program and Library of Congress, National Digital Information Infrastructure and Preservation Program
- [National Archives and Records Administration Preservation Page](#) (includes information on digital preservation)
- [National Digital Information Infrastructure and Preservation Program \(NDIIPP\)](#) / a collaborative initiative of the Library of Congress
  - [Plan for the National Digital Information Infrastructure and Preservation Program](#)
- [National Library of New Zealand Metadata Standards Framework – Preservation Metadata](#) (November 2002)
- [NEDLIB \(2000\) "Metadata for Long Term Preservation"](#)

[Standards or Recommended Practice](#)[Thesauri or Sources of Vocabulary](#)[Non-UO Digital Collections and Policies](#)[Background Information](#)[Digital Repositories](#)[Metadata Implementation Group](#)[Digital Content Coordinators](#)[Metadata and Digital Library Services](#)

- [NISO Metadata for Images in XML Schema \(MIX\)](#)
- [NISO Z39.87: Technical Metadata for Digital Still Images](#)
- [OCLC Digital Archive](#)
  - [OCLC Digital Archive Metadata Elements](#) (April 18, 2003)
- [PDF-Archive](#)
- [PREMIS \(PREservation Metadata : Implementation Strategies\) : OCLC RLG Preservation Metadata Working Group](#)
- [Preservation in the Digital World](#) / Paul Conway, Head, Preservation Department, Yale University Library (March 1996)
- [Preservation Metadata for Digital Collections](#) / National Library of Australia (1999)
- [Preservation Metadata for Digital Objects: A Review of the State of the Art: a White Paper by the OCLC/RLG Working Group on Preservation Metadata](#) (January. 2001)
- [Reference Model for an Open Archival Information System \(OAIS\)](#) / Consultative Committee for Space Data Systems, NASA (January 2002)
- [Trusted Digital Repositories : Attributes and Responsibilities : An OCLC-RLG Report](#) (May 2002)
  
- **Dublin Core**
  - [ANSI/NISO Z39.85-2001 Dublin Core Metadata Element Set](#)
  - [Dublin Core Usage Guide](#)
  - [Dublin Core Metadata Element Set](#)
  - [Dublin Core DCMI Administrative Metadata / Creators: Jytte Hansen and Leif Andresen](#)
  - [Guidelines for Implementing Dublin Core in XML / Andy Powell, Pete Jonhston \(Dublin Core Metadata Initiative, 2003\)](#)
  - [Western States Dublin Core Best Practices / Western States Digital Standards Group](#) (version 2.0 January 2005)
  
- **Image Collections : Standards and Practices**
  - [Administrative Metadata for Digital Still Images. \(Boston: Harvard University, Library Digital Initiative, 2000\)](#)
  - "Analyzing the Subject of a Picture: A Theoretical Approach, " by Sara Shatford, [Cataloging & Classification Quarterly](#), v. 6(3), Spring 1986
  - [The Charles W. Cushman Collection: Enhancing Visual Resource Discovery Through Descriptive Metadata Based on Subjective Image Analysis /](#)  
Linda Cantara, Michelle Dalmau, and Jenn Riley
  - [Data Dictionary: Technical Metadata for Digital Still Images. Draft standard. Z39.87](#) (Bethesda, Md.: NISO, 2002-2003)
  - [Guides to quality in visual resource imaging.](#) (Washington. D.C.: Council on Library and Information Resources, 2000)
  - [JPEG2000 in Archives and Libraries](#)
  - [SEPIADES Advisory Report on Cataloguing Photographic Collections](#)
  - "Subject Access to Art Images," by Sara Shatford Layne, in [Introduction to Art Image Access : Issues, Tools, Standards, Strategies](#), Getty Research Institute, 2002
  - [TASI \(Technical Advisory Service for Images\)](#)
  - [TIFF 6.0 Specifications. \(Geneva: International Telecommunication Union, 2002\)](#)
  
- **Data Sets**
  - [Data Documentation Initiative](#)
  
- **Accessibility Issues, Site Design, and Evaluation of Digital Collections**

- [Daisy Consortium \(Digital Talking Books\)](#)
- [DELOS Workshop on the Evaluation of Digital Libraries \(Oct. 2004\)](#)
- [Interaction Modeling for the Design of Digital Libraries / UCLIC](#)
  
- Miscellaneous
  - [Application profiles: mixing and matching metadata schemas / Rachel Heery and Manjula Patel. \(Ariadne. 25. September 2000\)](#)
  - [Archival Digital Image Creation \(Electronic Text Center, University of Virginia\)](#)
  - [Cataloguing Cultural Objects: A Guide to Describing Cultural Works and Their Images / Visual Resources Association](#)
  - [CONTENTdm Online Help Site Map](#)
  - [Digital Library Federation Standards and Practices](#)
  - [Draft Benchmark for Digital Reproductions of Printed Books and Serial Publications](#)
  - [A Framework of Guidance for Building Good Digital Collections / Institute of Museum and Library Services NINCH Guide to Good Practice in the Digital Representation and Management of Cultural Heritage Materials](#)
  - [Handbook for Digital Projects \(NEDCC\)](#)
  - [ISO 11179 : Specification and Standardization of Data Elements](#)
  - [Knowledge Lost in Information : Report of the NSF Workshop on Research Directions for Digital Libraries](#) (June 2003)
  - [Library of Congress Portals Applications Issues Group](#)
  - [National Library of New Zealand : Digital Library Development Review](#) (July 2003) / Dr. Seamus Ross (PDF 88 p.)
  - [The Next Stage: Moving from Isolated Digital Collections to Interoperable Digital Libraries / by Howard Besser](#)
  - [Open Archives Initiative](#)
  - [OAI-PMH \(Open Archives Initiative Protocol for Metadata Harvesting\)](#)
  - [Thesaurus principles and practice / Leonard Will \(Willpower Information, 1998\)](#)

### ***Thesauri or Sources of Vocabulary***

- [AAT \(Getty Art & Architecture Thesaurus\)](#)
- [Columbia Gazetteer of the World Online](#)
- [Controlled Vocabularies... by Traugott Koch](#)
- [Controlling Your Language: Links to Metadata Vocabularies \(TASI\)](#)
- [FAST \(Faceted Application of Subject Terminology - LCSH\)](#)
- [GNIS \(Geographic Names Information System\)](#)
- [TGMI \(Thesaurus for Graphic Materials I: Subject Terms\)](#)
- [TGMII \(Thesaurus for Graphic Materials II: Genre & Physical Characteristic Terms\)](#)
- [ULAN \(Getty Union List of Artist Names\)](#)

### ***Non-UO Digital Collections and Policies***

- Manuscripts
  - [Auchinleck Manuscript \(National Library of Scotland\)](#)
  - [Berkeley's Digital Scriptorium](#)
  - [Bodleian Library's Towards an Image Catalogue](#)
  - [The British Library's Turning the Pages Site](#)
  - [Digital Atheneum Project](#)
  - [Humbul Humanities Hub: Manuscripts](#)
  - [Their Own Words : A collection of books, letters, and personal accounts](#)

- Images

- [Alaska Virtual Library and Digital Archive \(VILDA\)](#)
  - [VILDA Project Communication](#)
  - [VILDA Documentation](#)
  - [VILDA Resources](#)
- [Cushman Photograph Collection \(Indiana University\)](#)
- [Early Las Vegas : A Digital Collection \(Using CONTENTdm\) / UNLV Libraries](#)
- [Edward S. Curtis's The North American Indian \(American Memory\)](#)
  - [Intellectual Access to the Curtis Collection \(Dickinson College\)](#)
- [TASI Image Sites](#)

- Mixed

- [American Memory \(Library of Congress\)](#)
- [Cambridge University Library Digital Library](#)
- [Mountain West Digital Collection](#)
- [Oregon State University Libraries Digital Collections](#)
- [University of Utah Digitized Collections](#)
- [University of Washington Digital Collections](#)
  - [University of Washington Metadata Implementation Group](#)
- [CONTENTdm Customer Collections](#)

## ***Background Information***

- Copyright and Digital Rights Management

- [Copyright and Art Issues by Christine Sundt](#)
- [Copyright and Fair Use / ALA](#)
- [Digital Rights Management Conference \(Nov. 2002\)](#)
- [U.S. Copyright Search \(Books, Music, etc.\)](#)
- [UT System Crash Course in Copyright](#)
- [When U.S. Works Pass into the Public Domain](#)

- Journals

- [Ariadne Magazine](#) (published every 3 months by UKOLN)
- [DigiCULT \(Publications Supporting Digital Culture\)](#)
- [Digital Library Technology Trends / Sun Microsystems](#)
- [D-Lib Magazine](#)
- [ERPANet Newsletter](#)
- [IEEE Technical Committee on Digital Libraries Bulletin](#)
- [Journal of Digital Information](#)
- [NISO Website](#)
- [Resources for Electronic Resource Management / ERIL](#)
- [RLG DigiNews](#)

- Metadata

- [DCMI Bibliography](#) / creator: Corey Harper
- [Introduction to Metadata: Pathways to Digital Information. / by Murtha Baca. \(Los Angeles: Getty Information Institute\)](#)

- [Library of Congress Metadata Landscape](#) (2003) / Sally McCallum
- [Metadata Resources](#) / by Corey Harper
- [Metadata for Beginners : Quick Links to Various Metadata Schemas](#)
- [NSDL \(National Science Digital Library\) Metadata Resources Page](#)

## ***Digital Repositories***

- **Digital Book Repositories (Open Access)**
  - [Digital Book Index](#)
  - [Digital Books \(comprehensive listing of sites\)](#)
  - [Internet Public Library](#)
  - [Oak Knoll Digital Books About Books](#)
  - [Online Books Page \(University of Pennsylvania\)](#)
  - [Project Gutenberg](#)
- [DSpace](#)
- [Fedora Project : An Open-Source Digital Repository Management System](#)
- [Shibboleth Project](#)
- [University of Oregon's Scholars' Bank Implementation](#)

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http://libweb.uoregon.edu/catdept/meta/metatools.html  
Created and maintained by Carol Hixson, [chixson@darkwing.uoregon.edu](mailto:chixson@darkwing.uoregon.edu)  
Last revision: February 10, 2005



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## University of Oregon Libraries

### **Resources for *Managing Access at the University of Oregon : a Case Study of Scholars' Bank***

This page provides links supporting Carol Hixson's presentations on institutional repositories given at various meetings and conferences in 2006.

Related presentations include <https://scholarsbank.uoregon.edu/dspace/handle/1794/2900> and <https://scholarsbank.uoregon.edu/dspace/handle/1794/2998> and <https://scholarsbank.uoregon.edu/dspace/handle/1794/3020>

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*Background documents or sites:*

#### Association of College and Research Libraries (ACRL) Efforts

- [ACRL Scholarly Communication Site](#)

#### Association of Research Libraries (ARL) Efforts

- [ARL Scholarly Communication Home](#)
- [The Case for Institutional Repositories : A SPARC Position Paper](#)
- [Scholarly Publishing and Academic Resources Coalition \(SPARC\)](#)
- [SPARC Institutional Repository Checklist & Resource Guide, November 2002](#)
- [SPARC Open Access News Blog](#)
- [SPARC Open Access Newsletter](#)

#### Canadian Association of Research Libraries

- [CARL Institutional Repository Project: Online Resource Portal](#)

#### Copyright and Digital Rights Management Resources

- United States
  - [Association of Research Libraries Copyright Home](#)
  - [Copyright and Fair Use](#) / ALA
  - [Copyright and Fair Use](#) / Stanford University Libraries
  - [Copyright information for Educators](#) / University of Washington
  - [Copyright Management Center](#) / Indiana University, Purdue
  - [Copyright Website](#)
  - [Copyown](#)

- [Crash course in copyright](#) / UT System
- [Creative Commons](#)
- [Descriptive Metadata for Copyright Status](#) / Karen Coyle, *First Monday*, volume 10, number 10 (October 2005)
- [Digital Rights Management : A Guide for Librarians](#) / prepared by Michael Godwin, American Library Association, Office for Information Technology Policy
- [DMCA \(Digital Millennium Copyright Act \) EDUCAUSE Resource](#)
- [Electronic Frontier Foundation](#)
- [Federated Digital Rights Management : A Proposed DRM Solution for Research and Education](#) / Mairead Martin ... et al., *D-Lib Magazine*, July/August 2002
- [The Rights in Digital Rights Management](#) / Karen Coyle, *D-Lib Magazine*, Sept. 2004
- [Scholarly Communication Center](#) / NCSU Libraries
- [SHERPA/RoMEO Publisher copyright policies & self-archiving](#)
- [Technology, Education and Copyright Harmonization \(Teach\) Act](#) from ARL
- [United States Copyright Office](#)
- [When works pass into the public domain](#) / Lolly Gasaway, University of North Carolina
- Canada
  - [Access Copyright](#)
  - [Canadian Intellectual Property Office](#)
  - [CARL-ABRC Copyright Home](#)
  - [Michael Geist's Blog](#)

## Other Background Publications or Sites

- [Academic Institutional Repositories : Deployment Status in 13 Nations as of Mid 2005](#) / Gerard van Westrienen and Clifford Lynch (September 2005)
- [Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities](#)
- [Budapest Open Archives Initiative](#)
- [Crisis in Scholarly Communication](#) / Ohio State University Library
- [Further Information on Institutional Repositories](#) / a Web site compiled by Robert H. McDonald
- [Future of Electronic Data: Will the Universities' Own Electronic Repositories Affect Traditional Publishing?](#) / by Ann Wolpert
- [Information Revolution: Can Institutional Repositories and Open Access Transform Scholarly Communications?](#) / by David Prosser
- [Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age](#) / by Clifford A. Lynch, Executive Director, Coalition for Networked Information (February 2003)
- [The institutional repository](#) / Richard Jones, Theo Andrew and John MacColl (Oxford : Chandos Publishing, 2006) *available in print only*
- [Institutional Repository Deployment in the United States as of Early 2005](#) / Clifford A. Lynch and Joan Lippincott (Sept. 2005)
- [Open Archives Initiative](#)
- [Open Archives Initiative Protocol for Metadata Harvesting \(OAI-PMH\)](#)
- [Project RoMEO \(Rights MEtadata for Open archiving\)](#)
- [Removing the Barriers: An Introduction to Open Access for Librarians](#), by Peter Suber pp. 92-94, 113.)
- [Resources, Standards, and Background Information for Digital Collections \(Including Digital Preservation\)](#) / compiled by Carol Hixson, University of Oregon
- [Scholarly Electronic Publishing Bibliography](#) / Charles W. Bailey, Jr. (updated periodically)
- [Wellcome Trust position statement in support of open and unrestricted access to published research](#)



[Back to "Managing Access at the University of Oregon : a Case Study of Scholars' Bank"](#)

[Back to "Los repositorios institucionales: una oportunidad para la difusión del conocimiento"](#)

[Back to "Transforming Technical Services Staff and Librarians into Digital Library Specialists"](#)

[http://libweb.uoregon.edu/catdept/irg/Managing\\_Access.html](http://libweb.uoregon.edu/catdept/irg/Managing_Access.html)

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## Metadata and Digital Library Services

[Metadata and Digital Library Services Homepage](#)

### Training and staff development opportunities

- *Readings on Change and Library Service*

The following articles are particularly relevant to the changing nature of library service today and have been cited in MDLS departmental discussions.

- Changing a Cultural Icon: the Academic Library as a Virtual Destination / by Jerry D. Campbell, EDUCAUSE Review, February 2006 <http://www.educause.edu/ir/library/pdf/erm0610.pdf>
- The Resilient Librarian / by Shelley Hourston, LIScareer.com, September 2005 [http://www.liscareer.com/hourston\\_resilience.htm](http://www.liscareer.com/hourston_resilience.htm)
- The Changing Nature of the Catalog and Its Integration with Other Discovery Tools / by Karen Calhoun, March 2006 [www.loc.gov/catdir/calhoun-report-final.pdf](http://www.loc.gov/catdir/calhoun-report-final.pdf)
- Raised by Wolves: Integrating the Next Generation of Feral Professionals into the Academic Library / by Jim Neal, *Library Journal* v. 131 no. 3 (February 15 2006) p. 42-4.
- Taiga Forum Provocative Statements, 2006, <http://www.taigaforum.org/ProvocativeStatements.pdf>
- Rethinking How We Provide Bibliographic Services for the University of California / by UC Bibliographic Services Task Force, December 2005 <http://libraries.universityofcalifornia.edu/sopag/BSTF/Final.pdf>
- The Future of Cataloging / by Deanna Marcum, *Library Resources & Technical Services* v. 50 no. 1 (January 2006) p. 5-9

- *MDLS Sharing Sessions*

Once a month, normally on the third Thursday from 10:30-11:30, interested members of MDLS gather to pass along tips about using standard applications more effectively, share information about new technologies of interest, report on conferences or meetings, or discuss an issue of interest to the group. While the sessions are for the benefit of MDLS members, outside speakers may be invited to lead or participate in some sessions. A member of the department organizes these monthly gatherings and posts the agenda to the department's archived list the week before the meeting. The first organizer of these meetings is [Christy Carmichael](#). The first sharing session will take place May 2006. The list of topics and presenters follows:

- RSS Feeds, Joshua Kielas (Systems), May 28, 10:30 am, Reed Seminar Classroom

- *Internships*

MDLS is happy to accept qualified interns in a variety of areas. In exchange for their work, interns receive training that they can use to help them in a job search or in applications to college or graduate school; they also receive favorable references for work completed satisfactorily. Usually such internships are unpaid. MDLS has accepted interns in the areas of conservation, cataloging, and digital libraries. Anyone who is interested in pursuing a career or a course of study in an area where MDLS has expertise is welcome to contact the department head, Carol Hixson, at [chixson@uoregon.edu](mailto:chixson@uoregon.edu) to see if a volunteer internship would meet the needs of the department and the individual. See below for specific position descriptions:

- **Digital Library Internship**

- *Library of Congress Subject Headings*

The department's SACO Coordinator and Assistant Department Head, [Lori Robare](#), periodically provides training in the application of Library of Congress subject headings. Based on the ALCTS/PCC course ***Basic Subject Cataloging Using Library of Congress Subject Headings*** that Lori and colleagues at UO and elsewhere developed, the sessions take place over a series of weeks. The most recent series of sessions began in February 2006 and extends through May 2006.

- *NACO Name and Series Training*

The department's NACO Coordinator and Head of Serials Cataloging, [Mary Greci](#), periodically provides training in NACO Name and Series Authority work. Based on training materials developed by the Library of Congress, the sessions take place over a series of weeks. The most recent of these sessions on NACO series work ended in April 2006.

- *Northwest Library Bindery in Walla Walla, WA*

The supervisor of the Materials Processing and Conservation Unit (MPCU), [Carol Lenocker](#), normally arranges an annual trip to the bindery. The trip is for education of MPCU staff on new and current practices that the bindery now employs but is also open to other interested MDLS staff.

- *Serials Cataloging Training*

The department's Head of Serials Cataloging, [Mary Greci](#), periodically provides training in serials cataloging. Based on materials created by the Serials Cataloging Cooperative Training Program (SCCTP), the sessions take place over a series of weeks.

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[http://libweb.uoregon.edu/catdept/home/staff\\_dev.html](http://libweb.uoregon.edu/catdept/home/staff_dev.html)

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