La Realidad y la Ilusión

El Desarrollo de una Biblioteca Digital a la Universidad de Oregon

por

Carol Hixson

Head, Metadata and Digital Library Services

https://scholarsbank.uoregon.edu/dspace/handle/1794/2575

La Universidad de Oregon
Servicio de Biblioteca Digital y Metadatos

Metadata and Digital Library Services

Metadatos y Digital Library Services provide a wide array of services to assist users in the creation of digital collections. These services include:

- Creating a digital project
- Creating public domain texts
- Creating sound recordings
- Creating images and photographs
- Creating maps
- Creating oral histories
- Creating manuscripts
- Creating scientific data
- Creating audiovisual materials
- Creating other types of digital content

In addition to these direct public services, Metadata and Digital Library Services provide intellectual, legal, and technical support to the library collections. We maintain the online cataloging database and a cataloging of digital collections. We provide the physical collections with intellectual and technical support to ensure that they remain accessible to an ever-expanding array of users. We are committed to providing high-quality access to an ever-expanding array of materials, available through traditional and emerging channels. To this end, we are committed to maintaining partnerships within the library and in other parts of the institution and with other organizations and institutions, both national and international, and to creating and providing new digital collections.

University of Oregon Libraries Digital Collections

http://libweb.uoregon.edu/diglib/search.html

For a description of these collections and some of the other digital collections being undertaken by the Library, please visit the University of Oregon Libraries Digital Library Collections page at http://libweb.uoregon.edu/diglib/aboutdiglib.html
Qué? Por qué? Cómo?

• Glimpse of some of our collections
• Our reasons for building digital collections
• How the collections are being used
• Challenges
• Future plans
Descriptions of UO Digital Library Collections
http://libweb.uoregon.edu/diglib/aboutdiglib.html

Tour of UO Digital Collections
http://libweb.uoregon.edu/catdept/digcol/forum/slideshow.html
Reasons for Creating Digital Collections

- To provide access to under-utilized materials

Provide access to and awareness of under-utilized materials
Reasons for Creating Digital Collections

• To provide access to under-utilized materials
• To broaden access to physically fragile materials

Broaden Access to Physically Fragile Materials
Reasons for Creating Digital Collections

- To provide access to under-utilized materials
- To broaden access to physically fragile materials
- *To preserve at-risk materials*

Preserve at-risk materials
Reasons for Creating Digital Collections

- To provide access to under-utilized materials
- To broaden access to physically fragile materials
- To preserve at-risk materials
- To strengthen and build partnerships with other cultural heritage institutions

Strengthen and build partnerships
Reasons for Creating Digital Collections

- To provide access to under-utilized materials
- To broaden access to physically fragile materials
- To preserve some at risk materials
- To strengthen and build partnerships
- To explore new delivery mechanisms for content

Explore new delivery mechanisms
Reasons for Creating Digital Collections

- To provide access to under-utilized materials
- To broaden access to physically fragile materials
- To preserve some at risk materials
- To strengthen and build partnerships
- To explore new delivery mechanisms for content
- To help shape the digital landscape

Help shape the digital landscape

Western Waters Digital Library
The Columbia River Basin in Oregon

The Western Waters Digital Library: Columbia River Basin in Oregon is a collection of historical and contemporary resources focused on the Columbia River Basin. Its objective is to provide access to well-organized, comprehensive information sources and analysis based on high-quality research and accurate historical records, with the goal of enabling water users to meet the challenge of managing their water resources wisely in the 21st century.
Reasons for Creating Digital Collections

• To provide access to under-utilized materials
• To broaden access to physically fragile materials
• To preserve some at risk materials
• To strengthen and build partnerships
• To explore new delivery mechanisms for content
• To help shape the digital landscape

• To support the University’s instructional programs

Support the University’s instructional programs
Use of the Collections: ContentDM

http://newresearchsummit.blogspot.com/
Use of Collections: Ordering Images

Tracking Use: Interactive Comment Form
Comment Received on an Image

Photo Number: PH036_4392

Comments about the image or metadata: I am browsing the collection to look for any relations to my fiance (Umatilla Tribal Member), and came across this photo. I was touched by the sweet little dog in the photo asleep on the blanket, and wondered why he was not mentioned in the description. I know it took a long time to pose for these photos, and merely getting the scene right must have made the baby and dog both exhausted.

Comment on This Image
Challenges

- Selection of materials

Selection of materials

Historical Photograph Collection

Through a generous gift from Margaret and Thomas Hart, the University of Oregon Libraries present here a small sampling of the more than 460,000 images that make up the photograph collections in Special Collections & University Archives at the University of Oregon Libraries.
Challenges

• Selection of materials
• Metadata

Metadata Issues for Picturing the Cayuse

Maior Lee Moorehouse, of Pendleton, Oregon, was an Indian Agent for the Umatilla Indian Reservation and a photographer. From 1880 to 1916 he produced over 9,000 images which document urban, rural, and Native American life on the Columbia River, and particularly Umatilla County, Oregon. Quotations and revealing the Moorehouse’s images that his collection is one of the preeminent social history collections for Oregon. Special Collections & Archives, of the University of Oregon Libraries, has a collection of 9000 images by Major Moorehouse.

Picturing the Cayuse, Walla Walla, and Umatilla Tribes is a collaborative project among the Tamášiltx̱a Cultural Institute (TBI) of the Confederated Tribes of the Umatilla Indian Reservation, the University of Oregon (UO) Libraries, and the Western Interstate Commission for Higher Education (WICHE). Partial funding has been provided by the Northwest Academic Computing Consortium (NWACC).

The project’s intent is twofold: first, to make the Major Lee Moorehouse photographs of native peoples available to a wide audience, and second, to provide sites for historical descriptions of these images as well as data that is created by native people.
Poker Jim, Chief of Round Up, Pendleton, OR

TCI Metadata from Poker Jim Image

- **Title on Object:** Poker Jim, Chief of Round Up, Pendleton, OR
- **Name:** Poker Jim
- **Place:** Pendleton, Oregon
- **Date in Photo:** c. 1905 - c. 1906
- **Photographer:** M. B. Nye

**Publication:** Joint Project of the University of Oregon Libraries and the Tamáshá' Cultural Institute of the Confederated Tribes of the Umatilla

**Rights:** Copyright 2004, University of Oregon Libraries. All rights reserved.

**Repository:** University of Oregon Libraries - Special Collections and University Archives

**Description:** Poker Jim, Chief of Round Up, Pendleton, OR. He is wearing a beaded headpiece with a single tuft of eagle feathers, down his back, and a beaded buckskin shirt. In his right hand he is holding a large unidentified object. In front of him is a pair of crossed handkerchiefs, and on his left arm he is wearing a beaded armband. He is facing the camera with a serious expression.
### Complete Descriptive Metadata View

**Photo Number:** 19031.722

**Title:** Portrait of a man identified as 'Chief of Band.' He is wearing a tunic, a loose-fitting shirt, and is seated on a bench at a desk. He holds a pipe in his left hand and a pipe, possibly a pipe, in his right hand.

**Description:** Portrait of a man identified as 'Chief of Band.' He is wearing a tunic, a loose-fitting shirt, and is seated on a bench at a desk. He holds a pipe in his left hand and a pipe, possibly a pipe, in his right hand.

**Technical Metadata**

- Includes administrative metadata to help us manage the collections
- Also includes metadata designed to assist in preservation and long-term access to collections
  - Informed by work of RLG/OCLC, Digital Preservation Coalition, DLF, NEDLIB, etc.
Challenges

- Selection of materials
- Metadata
- Public interface – Web design

Public Interface: Browsable Subject Lists for the Collections
Public Interface:
Drop-down Navigation Bars at Top

Challenges

- Selection of materials
- Metadata
- Public interface – Web design
- Context for collections
Context for collections

CHALLENGES

• Selection of materials
• Metadata
• Public interface – Web design
• Context for collections
• Building multiple collections simultaneously
Building multiple collections simultaneously

Challenges

- Selection of materials
- Metadata
- Public interface – Web design
- Context for collections
- Building multiple collections simultaneously
- Preservation
Digital Content Coordinators
http://libweb.uoregon.edu/diglib/digcon.html

Links to Digital Preservation Resources
http://libweb.uoregon.edu/catdept/meta/metatools.html
Digital preservation

- Ensuring the long-term maintenance of a bitstream (the zeros and ones):
  - backing up files and keeping a copy at an offsite location
  - running checks to track the deterioration of storage media, files or bitstreams

Digital preservation

- Providing continued accessibility of the contents:
  - viability - making sure that information is intact and readable from the storage media
  - renderability - making sure that information is viewable by humans and able to be processed by computers
  - understandability – making sure that information is able to be interpreted by humans
Digital preservation strategies

- Bitstream copying
- Refreshing
- Durable/persistent media
- Digital archaeology
- Analog backups
- Migration
- Emulation

Challenges

- Selection of materials
- Metadata
- Public interface – Web design
- Context for collections
- Building multiple collections simultaneously
- Preservation
- *Scanning, image adjustment, and OCR*
Scanning and OCR

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Image adjustment

Challenges

- Selection of materials
- Metadata
- Public interface – Web design
- Context for collections
- Building multiple collections simultaneously
- Preservation
- Scanning, image adjustment, and OCR
- Different levels of access and copyright
Restricted access: IP address

Restricted access
Restricted access: password

Password control
Without password

Copyright
Copyright

University of Oregon Libraries
Digital Image Collections

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Other challenges

• Working with partners
• Training staff
• Keeping up with technology
• Keeping up with changing standards
Future plans

- Keep building new collections
- Train more staff
- Develop more project leaders
- Refine public interfaces
- Review and clean up metadata
- Improve documentation
- Develop better funding models
- Become a trusted digital repository

Casa Albert Lleó i Morera
Casa Antoni Amatller

Casa Comalat
Athletics and the Academy

Presidential Papers
Presidential Papers

Historical Photographs
Historical Photographs

Athletics and the Academy
Athletics and the Academy

Realidad? Ilusión?

- Digital collections are easy
- Digital collections are inexpensive
- Digital collections will last
- Digital collections are comprehensive
- Digital collections will replace the original analog materials
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Contact information

Carol Hixson
Head, Metadata and Digital Library Services
University of Oregon Libraries
chixson@uoregon.edu
(541) 346-3064
¡Viva España!