I Never Met a Data I Didn’t Like

Metadata Issues in Local and Shared Digital Collections

Presentation to
ALCTS Electronic Resources Interest Group
January 21, 2006

By
Carol Hixson
Head, Metadata and Digital Library Services
University of Oregon Libraries

https://scholarsbank.uoregon.edu/dspace/handle/1794/2073
Acknowledgements

Special thanks to Marion Obar
Metadata and Digital Library Services
University of Oregon Libraries
for graciously allowing me to use her idea as the title of this presentation
For a description of these collections and some of the other digital collections or projects being undertaken by the Libraries, please visit the About UO Digital Library Collections page at: http://libweb.uoregon.edu/diglib/aboutdiglib.html
Metadata Implementation Group

The Metadata Implementation Group was formed to implement digital library initiatives at the University of Oregon Libraries. Some of its members previously served on the Digital Library Initiative. The diglib discussion list continues to serve as a discussion forum for any member of the University of Oregon Libraries community who is interested in digital library efforts. There is a separate discussion list for the members of the Metadata Implementation Group that is set up at http://darkwing.uoregon.edu/~catdept/meta-data/.

UO DIGITAL COLLECTIONS: WORK IN PROGRESS

- UO's CONTENTdm site
- Athletics and the Academy
- UO Office of the President
- Historical Photograph Collection
- Picturing the Cavuse
- Ulmann Digital Collection
- Western Waters Digital Library
- Data Dictionary Viewer
- OAI, Crosswalks, and XSLT
Metadata and Digital Library Services provides a wide array of services to assist members of the University of Oregon community with organizing collections of materials or making them more widely available. Contact us if you need help:

- designing a digital project;
- creating digital or photographic reproductions of materials;
- creating posters or exhibits;
- choosing an appropriate metadata schema, subject list, or classification system;
- evaluating software to help organize and provide access to materials;
- caring for and preserving digital or print materials;
- determining appropriate security and use policies for your collections;
- providing access to your collections through the Libraries' catalogs, or;
- developing grant proposals related to any of the above topics.

Metadata and Digital Library Services also maintains the University of Oregon's Scholars' Bank, an online archive of the scholarly output of the campus community. Contact Carol Hixson if you have questions about Scholars' Bank.

In addition to these direct public services, Metadata and Digital Library Services provides intellectual, virtual and physical access to the Libraries' collections. We maintain the online public access catalog for traditional library materials and a catalog of digital collections. We preserve the physical collections through microfilming, digitizing, and carrying out book repair and conservation. We define policies and procedures necessary to provide responsive, high-quality patron access.
Factors affecting selection of metadata

- Metadata schema
- Content standards
- Software
- Target audience
- How is it being created or supplied?
- Functions it serves
Metadata schema

- MARC21
- Dublin Core
- VRA Core
- EAD
- ONIX
- GILS
- CSDGM/FGDC
Content standards

- AACR2/RDA
- Western States Dublin Core Metadata Best Practices
- LCSH, TGM, AAT, ULAN, and other controlled vocabularies
Software considerations

- Underlying metadata it supports or requires
- OAI compatible
- Ability to export metadata from the system
- Labels and ease of changing them
- Ability to customize fields for display and searching
- Default public records
- Built-in search interfaces
- Support for authority control
- Global change capabilities
- Administrative interface
Target audience

- General public
- Academic (K-12, college, university, students, teachers, etc.)
- Specialized discipline (artists, economists, scientists, etc.)
- Distinct cultural community (native peoples, ethnic groups, linguistic groups, etc.)
- Age
- Impairments (vision, hearing, dyslexia, literacy)
- Open or restricted access
How is it being created or supplied?

- Human supplied
- Trained staff or the general public
- Machine generated
Functions it serves

- Descriptive or discovery
- Administrative
- Technical or preservation
- Relationship or linkage
- Structural metadata
Dublin Core Metadata Element Set

- 15 optional and repeatable elements
- Widely touted for interoperability – OAI
- Supposed to be easy to apply
- Criticized for lack of content standards for most elements
- Criticized for leaving some key elements out and for unnecessarily duplicating others
Welcome to DSpace

The DSpace digital repository system captures, stores, indexes, preserves, and distributes digital research material.

Research institutions worldwide use this open source system in a variety of ways -- as an institutional repository, a learning object repository, for records management, and more.

DSpace is freely available as open source software you can customize and extend.

News and Announcements

- October 5, 2005: DSpace version 1.3.2 is available. Download the newest release from SourceForge. The latest set of installation and technical documentation is also available.

- Sept. 2005: DSpace is highlighted in 'Opening' A Digital Library, by Matt Villano in Campus Technology.


- Sept. 9, 2005: The programme and presentations from the second DSpace Federation User Group Meeting are now available online. The User Group meeting was held at the University of Cambridge, July 7-8. See the user group meeting summary.
Scholars’ Bank
https://scholarsbank.uoregon.edu/
Adding new field to an item

| relation | cartofseries | Papers;2002-1 | | | |
|----------|--------------|---------------|---|---|
| subject  | Fairness    | en        | | | |
| subject  | Public Goods| en        | | | |
| subject  | Experimental Economics | en        | | | |
| subject  | The Carrot or the Stick: Rewards, Punishments, and Cooperation | en        | | | |
| subject  | Working Paper | en        | | | |

contributor advisor

contributor author
contributor editor
contributor illustrator
contributor other
contributor
coverage spatial
coverage temporal
creator
date accessioned
date available
date copyright
date created
date issued
date submitted
date
description abstract
contributor advisor
<table>
<thead>
<tr>
<th><strong>Title:</strong></th>
<th>The Carrot or the Stick: Rewards, Punishments, and Cooperation</th>
</tr>
</thead>
</table>
| **Authors:** | Andreoni, James  
Harbaugh, William T.  
Vesterlund, Lise |
| **Keywords:** | Fairness  
Public Goods  
Experimental Economics |
| **Issue Date:** | 20-Aug-2002 |
| **Publisher:** | University of Oregon, Dept. of Economics |
| **Series/Report no.:** | University of Oregon Economics Department Working Papers; 2002-1 |
| **Abstract:** | We examine rewards and punishments in a simple proposer-responder game. The proposer first makes an offer to split a fixed-sized pie. According to the $2 \times 2$ design, the responder is or is not given a costly option of increasing or decreasing the proposer’s payoff. We find substantial demands for both punishments and rewards. While rewards alone have little influence on cooperation, punishments have some. When the two are combined the effect on |
DC metadata for DSpace

Full metadata record

<table>
<thead>
<tr>
<th>DC Field</th>
<th>Value</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>contributor.author</td>
<td>Andreoni, James</td>
<td>-</td>
</tr>
<tr>
<td>contributor.author</td>
<td>Harbaugh, William T.</td>
<td>-</td>
</tr>
<tr>
<td>contributor.author</td>
<td>Vesterlund, Lise</td>
<td>-</td>
</tr>
<tr>
<td>date.accessioned</td>
<td>2003-08-13T19:26:05Z</td>
<td>-</td>
</tr>
<tr>
<td>date.available</td>
<td>2003-08-13T19:26:05Z</td>
<td>-</td>
</tr>
<tr>
<td>date.issued</td>
<td>2002-08-20</td>
<td>-</td>
</tr>
<tr>
<td>identifier.uri</td>
<td><a href="http://hdl.handle.net/1794/83">http://hdl.handle.net/1794/83</a></td>
<td>-</td>
</tr>
</tbody>
</table>

**description.abstract**

We examine rewards and punishments in a simple proposer-responder game. The proposer first makes an offer to split a fixed-sized pie. According to the 2×2 design, the responder is or is not given a costly option of increasing or decreasing the proposer’s payoff. We find substantial demands for both punishments and rewards. While rewards alone have little influence on cooperation, punishments have some. When the two are combined, cooperation is enhanced.
Default submission form

Submit: Describe Your Item

Please fill further information about your submission below. (More Help...)

Enter appropriate subject keywords or phrases below.

Subject Keywords

Enter the abstract of the item below.

Abstract

Enter the names of any sponsors and/or funding codes in the box below.

Sponsors

Enter any other description or comments in this box.

Description
Logical or useful presentation

Browsing CultureWork: A Periodic Broadside for Arts and Culture Workers by Title

<table>
<thead>
<tr>
<th>Date of Issue</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>May-1997</td>
<td>CultureWork ; Vol. 1, No. 1</td>
<td></td>
</tr>
<tr>
<td>Jul-1997</td>
<td>CultureWork ; Vol. 1, No. 2</td>
<td>Snider, Deborah</td>
</tr>
<tr>
<td>Nov-1997</td>
<td>CultureWork ; Vol. 1, No. 3</td>
<td>Juarez, Miguel; Bolin, Paul; Congdon, Kristin G.; Blandy, Doug</td>
</tr>
<tr>
<td>Feb-1998</td>
<td>CultureWork ; Vol. 2, No. 1</td>
<td>Farrell, Susan; Bear, Richard</td>
</tr>
<tr>
<td>Apr-1998</td>
<td>CultureWork ; Vol. 2, No. 2</td>
<td>Delgado-Trunk, Catalina; Amon, Faith; Congdon, Kristin G.</td>
</tr>
</tbody>
</table>
### Browsing From the Center by Title

Showing items 1-9 of 9.

<table>
<thead>
<tr>
<th>Date of Issue</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>From the Center; 2001 (Autumn)</td>
<td>Fessenden, Lynne; Di Chiro, Giovanna; Musick, Judith; Morgen, Sandra</td>
</tr>
<tr>
<td>2002</td>
<td>From the Center; 2002 : 1 (Winter)</td>
<td>Brady, Veronica; Brooks, Cheri; Marc, Shirley; Fessenden, Lynne; Harvey, Marie; Branch, Meredith</td>
</tr>
<tr>
<td>2002</td>
<td>From the Center; 2002 : 2 (Spring)</td>
<td>Hernandez, Nimachia; Brooks, Cheri; Marc, Shirley; Fessenden, Lynne; Harvey, Marie; Musick, Judith</td>
</tr>
<tr>
<td>2002</td>
<td>From the Center; 2002 : 3 (Autumn)</td>
<td>Fuller, Linda; Emerson, Jan; Marc, Shirley; Brooks, Cheri; Eliot, Jan</td>
</tr>
</tbody>
</table>
Vigilant Attention to Race, Gender, and Ethnicity in Higher Education:

A March 1 Panel Discussion Features Three Dynamic Speakers

It's been more than forty years since the Civil Rights and Women's movements demanded equity for all American citizens, yet even many of the country's institutions of will advance ideas and insights about such vigilance and compassion. Each has made a significant contribution to the national movement of gender and race equity. Each is an

Mark Your Calendar

“The Intersection of Race, Gender, and Ethnicity in Higher Education.”
<table>
<thead>
<tr>
<th>Date of Issue</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec-1995</td>
<td>Dissociation : Vol. 8, No. 4, p. 0 : Cover, table of contents</td>
<td></td>
</tr>
<tr>
<td>Dec-1995</td>
<td>Dissociation : Vol. 8, No. 4, p. 203-204 : Editorial</td>
<td>Vanderlinden, Johan; Varga, Katalin; Peuskens, Jos; Pieters, Guido</td>
</tr>
<tr>
<td>Dec-1995</td>
<td>Dissociation : Vol. 8, No. 4, p. 205-208 : Dissociative symptoms in a population sample of Hungary</td>
<td></td>
</tr>
<tr>
<td>Dec-1995</td>
<td>Dissociation : Vol. 8, No. 4, p. 209-219 : Dissociative experiences and psychopathological symptomology in a Scottish sample</td>
<td>Bauer, Amy M.; Power, Kevin G.</td>
</tr>
</tbody>
</table>
Your search was in the **Author/Creator** field for "harbaugh" and in the **Subject** field for "economics" and in the **Resource Type** field for "text".

You found **1 record**.

* Revise your search to retrieve fewer records.
* View your results, starting with **records 1 of 1**.

<table>
<thead>
<tr>
<th>Record 1 of 1</th>
<th>Title</th>
<th>The Carrot or the Stick: Rewards, Punishments, and Cooperation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Author/Creator</td>
<td>Andreoni, James; Harbaugh, William T.; Vesterlund, Lise</td>
</tr>
<tr>
<td></td>
<td>Publisher</td>
<td>University of Oregon, Dept. of Economics</td>
</tr>
<tr>
<td></td>
<td>Year</td>
<td>2003-08-13T19:26:05Z</td>
</tr>
<tr>
<td></td>
<td>Year</td>
<td>2002-08-20</td>
</tr>
<tr>
<td></td>
<td>Resource Type</td>
<td>Working Paper</td>
</tr>
<tr>
<td></td>
<td>Resource Format</td>
<td>0 bytes, application/pdf</td>
</tr>
<tr>
<td></td>
<td>Language</td>
<td>en_US</td>
</tr>
<tr>
<td></td>
<td>Note</td>
<td>We examine rewards and punishments in a simple proposer-responder game. The proposer first makes an offer to split a fixed-sized pie. According to the 2×2 design, the responder is or is not given a costly option of increasing or decreasing the proposer's payoff. We find substantial demands for both.</td>
</tr>
</tbody>
</table>
Metadata and Digital Library Services

NAME AND SUBJECT GUIDELINES FOR DIGITAL COLLECTIONS

Subjects

- Analyzing the Subject of a Picture: UO Guidelines (June 11, 2003)
- Best Practices for Subject Access to Digital Collections at the University of Oregon (July 25, 2003)
- Controlled Vocabulary Terms for the Subject Field of Picturing the Cayuse, Walla, and Umatilla Digital Collection (March 26, 2004)
- Creation of LCSH Vocabulary List for UO's CONTENTdm Collections (April 16, 2004)
- Subject Access to Digital Collections in CONTENTdm: Background and Rationale for UO Decisions (December 28, 2005)
- Subject Access to Digital Collections in Scholars' Bank: Background and Rationale for UO Decisions (December 30, 2005)

Names

- Personal, Corporate, or Conference Names in Digital Collections
Picturing the Cayuse, Walla Walla, and Umatilla Tribes

Major Lee Moorhouse of Pendleton, Oregon was an Indian Agent for the Umatilla Indian Reservation and a photographer. From 1888 to 1916 he produced over 9,000 images which document urban, rural, and Native American life in the Columbia Basin, and particularly Umatilla County, Oregon. So extensive and revealing are Moorhouse's images that his collection is one of the preeminent social history collections for Oregon. Special Collections & University Archives of the University of Oregon Libraries has a collection of 7000 images by Major Moorhouse.

Picturing the Cayuse, Walla Walla, and Umatilla Tribes is a collaborative project among the Tamástslikt Cultural Institute (TCI) of the Confederated Tribes of the Umatilla Indian Reservation, the University of Oregon (UO) Libraries, and 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 Moorhouse photographs of native peoples available to a wide audience; and second, to provide a site for historical descriptions of these images as well as descriptions created by native peoples.

Although Major Lee Moorhouse was a well-known photographer during his own age, for the last seventy years his pictures and their inscriptions have been almost forgotten by scholars and the general public. However, native peoples, who are often the subjects of his photographs, have had a tradition of using these images, when they were available, and of developing narratives for them. These narratives have never been
<table>
<thead>
<tr>
<th>Photo Number:</th>
<th>PH036_1372</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCI Notes:</td>
<td>An outside photograph of a number of people standing in a row in front of seven tipis and three houses. In the middle of all of the people is a priest. Men; Women; Pants; Coat; Cloth; Shirt; Cloth; Dress; Cloth; Hat; Vest; Cloth; Children; Tipi; House; Canvas; Ropes; Blanket; Priest; Robe. Outside Photograph; People; Housing</td>
</tr>
<tr>
<td>TCI Terms:</td>
<td>Men; Women; Pants; Coat; Cloth; Shirt; Cloth; Dress; Cloth; Hat; Vest; Cloth; Children; Tipi; House; Canvas; Ropes; Blanket; Priest; Robe; Outside Photograph; People; Housing</td>
</tr>
<tr>
<td>TCI Classes:</td>
<td></td>
</tr>
<tr>
<td>Names:</td>
<td>O'Reilly, Charles J.</td>
</tr>
<tr>
<td>Place:</td>
<td>Umatilla Indian Reservation, Oregon</td>
</tr>
<tr>
<td>Date in Photo:</td>
<td>1907</td>
</tr>
<tr>
<td>Photographer:</td>
<td>Moorhouse, Lee</td>
</tr>
<tr>
<td>Publisher:</td>
<td>Joint Project of the University of Oregon Libraries and the Tamastalikt Cultural Institute of the Confederated Tribes of the Umatilla</td>
</tr>
<tr>
<td>Repository:</td>
<td>University of Oregon Libraries - Special Collections and University Archives</td>
</tr>
<tr>
<td>Collection Title:</td>
<td>House Collection</td>
</tr>
<tr>
<td>General Notes:</td>
<td>An outside photograph of a panoramic view of a large group of people standing in front of seven tipis. Some of the men are dressed in European-American clothing, and some are dressed in Catholic clerical garb. Some of the women are dressed in European-American clothing and some are dressed in white nuns' habits. On the far right of the image are Native Americans dressed in tribal garments, behind the tipis several buildings with sloped roofs and some trees are also visible. There is a gently rising hill in the background. Priests; Nuns; Men; Women; Tipi; Trees; Hills; Buildings</td>
</tr>
</tbody>
</table>

**Subject:**

Priests
Nuns
Men
Women
Tipi
Trees
Hills
Buildings
Including technical metadata

the image are Native Americans dressed in tribal garments. Behind the tipis several buildings with sloped roofs and some trees are also visible. There is a gently rising hill in the background.

Subject:
- Priests
- Nuns
- Men
- Women
- Tipis
- Trees
- Hills
- Buildings
- Indians of North America
- Euro-American clothing
- European Americans
- Clothing and dress

Type: Image
Sub Type: Outside Photograph
Title on Envelope: Bishop Charles J. O'Reilly on visit to Umatilla June 1907
Image (File) Size: 198.664 kb
Source Format: Glass-plate negative
Source Dimensions: stretching
Source Condition: fingerprints
surface contamination
Capture Method: 76-0-93
Resolution: 125 dpi
Processing History: B
Additional Formats Held by UO:
Metadata challenges for group projects

- Field labels
- Content standards for fields
- Searching aggregated metadata
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 westerners to meet the challenge of managing their water resources wisely in the 21st century.
Browse by Format

The Columbia River Basin in Oregon

The Columbia River Basin in Oregon is comprised of content in a variety of formats. The collection includes a variety of textual documents, still images, maps and aerial photographs. In the near future, multi-media items, such as audio and video will be added. This page is provided for browsing subsets of the collection based on the format and type of the item.

TEXTUAL DOCUMENTS

A variety of textual documents have been scanned and undergone optical character recognition to make the full text searchable. Items include complete monographs, journal articles, essays, letters to the editor and excerpts from government documents.

Browse Textual Documents

STILL IMAGES

The collection contains many photographs, as well as color postcards and stereo graphs. These have been scanned at a high resolution in either color or grayscale. High resolution digital images, as well as traditional darkroom prints are available for purchase.
GWLA WWDL home

The Western Waters Digital Library (WWDL) contains government reports, classic water literature, legal transcripts, water project records, personal papers, photographic collections, and video materials about the Columbia, Colorado, Platte, and Rio Grande river basins. Please see the guide to the Collections for more information. The WWDL is a collaborative regional project created by twelve university libraries in eight western states. Clicking on a search result will take you to the website of the contributing institution where you can search further, create your own list of favorites, and manipulate or compare and contrast images. How to Use this Site explains these features.
Metadata challenges

- Project participants have agreed to follow the Western States Dublin Core Metadata Best Practices, version 2.0
  - The standards provide considerable latitude for some elements
- Some participants were harvesting from legacy collections that were created without reference to these standards
Application of metadata standards

- Date.Original and Date.Digital
  - Both fields are mandatory (when applicable)
  - Western States Best Practices document gives clear guidance
    - Both map to Dublin Core Date
    - Both say to follow W3C – Date Time Format
      - yyyy-mm-dd (1897-07-16 for July 16, 1897)
**DC mapping and aggregated searching**

View, add, edit and delete fields. Enable full text searching and controlled vocabulary. Once you have added, changed, or deleted fields, index the collection to allow changes to take effect.

<table>
<thead>
<tr>
<th>Field name</th>
<th>DC map</th>
<th>Data type</th>
<th>Large</th>
<th>Search</th>
<th>Hide</th>
<th>Vocab</th>
<th>add field</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Title</td>
<td>Title</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>2 Title Alternative</td>
<td>Title-Alternative</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3 TGM Subject</td>
<td>Subject</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>4 LC Subject</td>
<td>Subject</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5 Description</td>
<td>Description</td>
<td>Text</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>6 People Depicted</td>
<td>Subject</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>7 Corporate Names</td>
<td>Subject</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>8 Place Names</td>
<td>Subject</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>9 Author</td>
<td>Creator</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>10 Photographer</td>
<td>Creator</td>
<td>Text</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>
Local and customized search interfaces

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 westerners to meet the challenge of managing their water resources wisely in the 21st century.
No mapping to encoding schema

## Current collection: WWDL

### Edit field

Index the collection after editing field.

**Caution:** Acquisition Station users must close and re-open their current project in order to access changes to fields.

<table>
<thead>
<tr>
<th>Field name</th>
<th>TOM Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dublin Core mapping</td>
<td>Subject</td>
</tr>
<tr>
<td>Data type</td>
<td>Title</td>
</tr>
<tr>
<td>Show large field</td>
<td>Description</td>
</tr>
<tr>
<td>Searchable</td>
<td>Contributor</td>
</tr>
<tr>
<td>Hidden</td>
<td></td>
</tr>
<tr>
<td>Controlled vocabulary</td>
<td>Identifier</td>
</tr>
</tbody>
</table>

**powered by CONTENTdm | © 1998-2000**
### Search results

Your search retrieved 15 Matching item(s). Click an item below for viewing.

**To the bottom**

<table>
<thead>
<tr>
<th>No</th>
<th>Image</th>
<th>Title</th>
<th>Subject</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td><img src="image1.jpg" alt="Image" /></td>
<td>Fishing on the Columbia River</td>
<td>Fishermen; Afro-Americans; Fishing; Fish; Fishing &amp; hunting gear; Rivers; Logs; Riverbanks; Water; Utility poles; Pails; Hairstyles; Shirts, Men's; Coats; Pants; Shoes; Fishes; Fishing; Fishing rods; Asian American men; Asian Americans; African Americans; African American fishermen; Rivers; Riparian areas; Water; Telephone lines; Pails; Hair; Hairstyles; Shirts, Men's; Jackets; Pants; Shoes; Columbia River</td>
<td>A black-and-white stereoscopic view of a man fishing. The man appears to be either Asian or black. He wears a light shirt and dark jacket, both with wide sleeves, medium-light pants, and dark shoes.</td>
</tr>
<tr>
<td>2.</td>
<td><img src="image2.jpg" alt="Image" /></td>
<td>Men building Hoover Dam (August 1932)</td>
<td>Construction workers -- Hoover Dam (Ariz. and Nev.) -- 1930-1940; Construction equipment -- Hoover Dam (Ariz. and Nev.) -- 1930-1940; Hoover Dam (Ariz. and Nev.) -- Design and construction -- 1930-1940; African Americans -- Hoover Dam (Ariz. and Nev.) -- 1930-1940</td>
<td>This photo depicts a group of construction workers doing concrete work on Hoover Dam. (August 1932) Included among the group are several African American workers.</td>
</tr>
<tr>
<td>3.</td>
<td><img src="image3.jpg" alt="Image" /></td>
<td>Robert Parker discusses Afro-Americans in Boulder City</td>
<td>African Americans -- Hoover Dam (Ariz. and Nev.) -- 1930-1940; African Americans -- Nevada -- Boulder City -- 1930-1940; Restaurant workers -- Nevada -- Boulder City -- 1930-1940; Newlin, Clarence; Sails, McKinley; Ely, Sims; Harvey, Fred; Parker, Robert</td>
<td>In an interview with Dennis McBride, Robert Parker discusses African Americans in Boulder City during the construction of Hoover Dam. Robert: Clarence Newlin brought in a colored cook—a black cook</td>
</tr>
</tbody>
</table>
The following table may better illustrate the requirements for the *Type* element:

<table>
<thead>
<tr>
<th>Common/generic/popular term</th>
<th>DCMI-Type (mandatory terminology)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photograph</td>
<td>Image</td>
<td>May use narrower term ‘StillImage’ as well as ‘Image’. May use additional term ‘photograph’ if required by local practice.</td>
</tr>
<tr>
<td>Video</td>
<td>MovingImage</td>
<td>May use additional term ‘video’ if required by local practice. Do not include the more inclusive term ‘Image’</td>
</tr>
<tr>
<td>Audio</td>
<td>Sound</td>
<td>May use additional term ‘audio’ if required by local practice.</td>
</tr>
<tr>
<td>Text</td>
<td>Text</td>
<td>Note: facsimiles or images of texts are still of the genre text, including jpg and pdf. For such objects do not include the term Image.</td>
</tr>
<tr>
<td>Cartographic materials</td>
<td>Image ; Map</td>
<td>Use of both terms is preferred. May use</td>
</tr>
</tbody>
</table>
Advanced search

Search:  Across all Fields | Selected Fields

Find results with:
- All of the words "indians" in the across all fields field
- All of the words "image" in the Type field

More Fields | Fewer Fields

Search  Clear

For the 'type' field, type the following keywords 'image', 'sound' (audio), 'moving image' (video).

Fishing for salmon at the Cascades // Columbia River
Browse all images

Search results: Your search retrieved 4621 Matching item(s). Click an item below for viewing.

View by: Grid Thumbnails Bibliographic Titles

1. 101 - Celilo Falls, Columbia River, on line of O. W. R. & R. Co.
2. 16 horse team
3. 24 C.I. pipe line : Las Vegas, Nevada
4. 9 mile dam on the Walla Walla River
5. 9 mile dam on the Walla Walla River
6. A blast scales down the canyon walls for the construction of the intake towers
7. A Skin Lodge of an Assiniboin
8. A Skin Lodge of an Assiniboin Chief
9. A.M. Smythe and wife with WPA administrator, Kettle Falls, April 12, 1939
10. Abandoned building in the cleared area, ca. 1941.
<table>
<thead>
<tr>
<th>No.</th>
<th>Image</th>
<th>Title:</th>
<th>Subject:</th>
<th>Description:</th>
<th>Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td><img src="image1.png" alt="Image" /></td>
<td>23-year's battle for Grand Coulee Dam</td>
<td>Dams--Washington (State)</td>
<td>Dams--Washington (State)</td>
<td>1944</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Grand Coulee Dam (Wash.)--History</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td><img src="image2.png" alt="Image" /></td>
<td>A Short Description of the Seattle Water System</td>
<td>Pamphlets</td>
<td>A method was developed to construct stage-discharge rating curves for the Colorado River in Grand Canyon, Arizona, using two stage-discharge pairs and a stage-normalized rating</td>
<td>1948</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Water-supply--Washington (State)--Seattle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Water utilities--Washington (State)--Seattle</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Seattle (Wash.)--Water Dept.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td><img src="PDF.png" alt="PDF" /></td>
<td>A Stage-Normalized Function for the Synthesis of Stage-Discharge Relations for the Colorado River in Grand Canyon, Arizona</td>
<td>Water quality; Streamflow; Stream measurements; Water -- Analysis; Colorado River (Colo.-Mexico); Grand Canyon (Ariz.); Arizona;</td>
<td>A method was developed to construct stage-discharge rating curves for the Colorado River in Grand Canyon, Arizona, using two stage-discharge pairs and a stage-normalized rating</td>
<td>2005</td>
</tr>
</tbody>
</table>
The Future

PREMIS (PREservation Metadata: Implementation Strategies) Working Group includes data dictionary, group's final report, examples to digital_preservation metadata ... and 13 other people ... on 2005-11-10 ... edit / delete

Digital Preservation and Copyright
Peter B. Hirtle
to copyright digital_preservation ... and 1 other person ... on 2005-11-10 ... edit / delete

Audit Checklist for Certifying Digital Repositories (draft)
RLG-NARA report
to digital_archives digital_preservation repositories ... and 7 other people ... on 2005-11-10 ... edit / delete
Folksonomies and tagging: dangers

- Easy to close yourself off to other viewpoints
- Possible loss of serendipity
- Doesn’t let you see the long tail
  - depend on critical mass
  - might lose the smaller pieces
  - danger of “majority rules” approach
Contact information

Carol Hixson
Head, Metadata and Digital Library Services
University of Oregon Libraries
Chixson@uoregon.edu
541-346-3064