Metadata Sharing Beyond Your Institution

JENN RILEY
METADATA LIBRARIAN
INDIANA UNIVERSITY DIGITAL LIBRARY PROGRAM
Albany Library Historical Photograph Collection

Peralta Park Hotel, 1923

The Albany Library's Historical Photograph Collection contains more than 500 photographs related to the history of Albany, dating from the 1860s to the present. These photographs were part of the collection of the Albany Historical Society, and were donated to the library in 1994. More photographs are being added to the collection all the time, as materials donated by the Historical Society continue to be processed, and members of the community come forward to make new donations.

In 2001-02, the Albany Library embarked on a project to digitize the Historical Photograph Collection and make access to information about the photographs available through the library's catalog. Federal funding for this project came from the U.S. Institute of Museum and Library Services, under the provisions of the Library Services & Technology Act (LSTA), administered in California by the State Librarian.
Title: Albany wine cellar during Prohibition era
Imprint: Albany, CA [s.n.], 1919

Description: 1 Photograph: B&W; 18 x 21 cm
Series: Albany Library Local History Collection
Note: Handwriting on verso: "Marshall John Glavinovich [rt] and Stanley Williams roll out a barrel from wine cellar [sic] during prohibition, 1919"
Donated to the Albany Historical Society 11/15/83, by Gerald Browne
Donation Date: January 1994
Donor: Albany Historical Society
Folder: People No. 3
PPL_003.TIF

Subject: Albany (Calif.) Police
Albany (Calif.) -- Photographs
Title: Albany wine cellar during Prohibition era.

Date: 1919 (issued)

Subject: Albany (Calif.)

Note: Handwriting on verso: "Marshall John Olarincovich [rb] and Stanley Williams roll out a barrel from wine cellar [sic] during prohibition. 1913"


Donation Date: January 1984.

Donor: Albany Historical Society.

Folder. People No. 3.

PPL_003.TIF.

Type: graphic

Physical Description: 1 Photograph: B&W; 18 x 21 cm.

Language: English

Publisher: California Albany, CA : [s.n.]

Copyright Note: Unless otherwise noted, all photographs in the collection are the property of the Albany Library. Neither the original photographs nor the digital images in the catalog may be reproduced, published, or used on the Internet without the expressed, written permission of either the Albany Library or the copyright holder. The credit line, "Courtesy of the Albany Library Historical Collection" should accompany any such use.

Related Item: Series: Albany Library Local History Collection.

Collection: Albany Library Historical Photograph Collection.
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<thead>
<tr>
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<th>Albany wine cellar during Prohibition era.</th>
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<td>Rights</td>
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<tr>
<td>Data Contributor</td>
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### Title
Albany wine cellar during Prohibition era.

### Date Issued
1919

### Collection
Albany Library: Historical Photograph Collection

### Subject
Albany (Calif.)

### Publisher
Albany, CA; [s.n.]

### Publication
monographic

### Genre
graphic

### Language
English

### Note
Handwriting on verso: "Marshall John Glavinovich [rt] and Stanley Williams roll out a barrel from wine cellar [sic] during prohibition, 1919"

Donated to the Albany Historical Society 11/15/83, by Gerald Browne.

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PPL_003.TIF.

### Physical Description
1 Photograph: B&W; 18 x 21 cm.

### Terms & Condition
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### Resource Type
still image

### URL
[http://content.cdlib.org/ark:/13030/kt238nb83t](http://content.cdlib.org/ark:/13030/kt238nb83t)

### Related Item
Albany Library Local History Collection.
What does this record describe?

<dc:title>Bowie County Texas (County Number 19, Supplementary Sheet D)</dc:title>
<dc:creator>Texas Transportation Planning and Programming Division.</dc:creator>
<dc:subject>Texarkana</dc:subject>
<dc:subject>Kennedy Lake</dc:subject>
<dc:subject>Coca Cola Lake</dc:subject>
<dc:subject>Hobo Jungle Park</dc:subject>
<dc:publisher>The General Libraries, University of State</dc:publisher>
<dc:identifier>http://library.university.edu/raw/tcbowid1.html</dc:identifier>

Record harvested via OAI PMH 2-26-2007
Locality: Michigan, Little S. Br. opposite Margarita P., Sec. 9, T. 16 N., R. 12 W., Neenango G.

Water: spring and surfarc. 10's, considerable spring flows; clear, winter.

Vegetation: few small patches of grass, and few bushes. Stag's horn.

Bottom: sycamore; many decaying, at bottom, broken.

Shore: sea, marine, seashore, etc. Current: strong.

Distance from shore: near, or 25 f. Tide:

Depth of capture:

Method of capture:

Collected by: Langford V. Moody. Date: 7/6/1926.

Origin. preserv.:

Caddis flies: very abundant, also mayflies.

+ few scuds, 3 seeds.

7/1300 - Leptotrichia spatulata 0
7/1301 - Eomyia lucasii 0
7/1302 - Leptotrichia spatulata ssp. 2
7/1303 - Baetis reinhardi mima (4)
7/1304 - Salmo gairdneri 7
7/1305 - Salmo ir. irsinus 16
7/1306 - Eastherines c. commersonii (13)
7/1307 - Hydropsychus notatus 1
7/1308 - Margaritacea margarita chamberi (5)
7/1309 - Rhinocorhyncha transversa transversa (4)
Why Share?

- **Sharing benefits users**
  - One-stop searching (maybe)
  - Ability to create customized searches of specific domains
  - Brings together distributed collections

- **Sharing benefits your institution**
  - Increases exposure of collections
  - Broadens user base
  - Potentially adds collaboration opportunities
  - We can no longer assume that users will come through the front door—sharing metadata gets us “in the flow”
Sharing better allows our users to help us

How You Can Help

- Can you help us identify some of the people, places and events in these photographs?
- Are you aware of an error in the information we have provided for a photograph?
- Do you have photographs or other materials pertaining to the history of Albany that you would like to donate or lend to the Albany Library?

If so, please contact the Albany Library, 1247 Marin Avenue, Albany, CA 94707.

Phone: 510-526-3720
Send us an e-mail message

More Information About Donating Materials to the Library
Sharing metadata: Federated search

The distributed databases are searched directly.

For Example:
Z39.50, SRU
Sharing metadata: Data aggregation

The user searches a pre-aggregated database of metadata from diverse sources.

For Example: Search engines, union catalogs, OAI PMH, RSS
Photograph from Indiana University
Charles W. Cushman Collection

Northern California Technical Processes Group

4/11/2008
Today’s metadata aggregation environment

- Users often discover material through shared records, not through your front door
- Users don’t know about your collection or won’t remember it
- Shared records lead users to local environment where full context is available
- Because users enter through “deep” links, they may bypass introductory information that provides the larger context for a collection
Finding the right balance

- **Metadata providers know the materials**
  - Document encoding schemes, controlled vocabularies, and metadata creation practices
  - Ensure record validity
- **Aggregators have the processing power**
  - Format conversion
  - Reconcile known vocabularies
  - Normalize data
  - Batch metadata enhancement
Shareable Metadata...

- Is *quality* metadata
- Promotes search interoperability - “the ability to perform a search over diverse sets of metadata records and obtain meaningful results” (Priscilla Caplan)
- Is human understandable outside of its local context
- Is *useful* outside of its local context
- Preferably is machine processable
Shareable Metadata as a View

- Metadata is not monolithic
- Metadata should be a view projected from a single information object
- Create multiple views appropriate for groups of important sharing venues
- Depends on:
  - Use
  - Audience
The Cs & Ss of Shareable Metadata

Content
Coherence
Context
Communication
Consistency
Conformance to Standards
Basic metadata sharing workflow

Plan
- Choose standards for native metadata
- Who to share with?
- Choose shared metadata formats
- Write metadata creation guidelines

Create
- Create metadata (thinking about shareability)

Transform
- Perform conceptual mapping
- Perform technical mapping
- Validate transformed metadata
- Test shared metadata with protocol conformance tools

Share
- Implement sharing protocol
- Communicate with aggregators

Assess
- See who is collecting your metadata
- Review your metadata in aggregations

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Three possible OAI-PMH workflows

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# Crosswalking – conceptual mapping

## Metadata Standards Crosswalks

The crosswalk below includes only a partial list of the elements for each standard, focusing on the areas of overlap. This crosswalk is for planning purposes only. For the full list of elements for any one of the standards below, click on the name of the standard at the top of the column.

(To print this crosswalk from your Web browser, use the tabloid 11 x 17-inch paper size setting, landscape print format, .25-inch margins. Alternatively, print this page and adjust the layout in your word processing program.)

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>OBJECT/ WORK (core)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Object/ Work - Catalog Level (core)</td>
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<td>&lt;vra: work&gt; or &lt;vra: collection&gt;</td>
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</table>

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Crosswalking - XSLT

```xml
<xsl:template match="Location">
  <xsl:if test="normalize-space(.)">
    <dc:coverage>
      <xsl:if test="CityTown"> <xsl:value-of select="CityTown"/>
      </xsl:if>
      <xsl:if test="StateProv"> <xsl:value-of select="StateProv"/>
      </xsl:if>
      <xsl:if test="Country"> <xsl:value-of select="Country"/>
      </xsl:if>
      <xsl:if test="County"> ( <xsl:value-of select="County"/> county) </xsl:if>
    </dc:coverage>
  </xsl:if>
</xsl:template>

<xsl:template match="CushStartDate">
  <dc:date>
    <xsl:value-of select="substring(.,1,4)"/>
    <xsl:if test="following-sibling::CushMonthUK=0">
      <xsl:value-of select="substring(.,5,3)"/>
    </xsl:if>
    <xsl:if test="following-sibling::CushDayUK=0">
      <xsl:value-of select="substring(.,8,3)"/>
    </xsl:if>
  </dc:date>
</xsl:template>
```

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Working around system limitations

- Many digital asset management systems don’t support a second shareable copy of records
- Do your best to split the difference with system records
- Use creative interface design for your local system
- Use extra-protocol documentation for communicating with aggregators
- Lobby your vendor!
Before you share...

- Look at the record as the aggregator will see it
  - Appropriate view?
  - Consistent?
  - Context provided?
  - Does the aggregator have what they need?
  - Documented?

Can a stranger tell you what the record describes?
Thank you!

- Questions?
- For more information:
  - jenlrile@indiana.edu
  - These presentation slides: <http://www.dlib.indiana.edu/~jenlrile/presentations/nctpg2008/metadataSharing.ppt>