IMLS Grant: University of Michigan’s Role

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Our parts of the IMLS grant

- Richer metadata, e.g., MODS, MARC, extended DC
- Best practices - for metadata creation and data implementation (currently)
- Collection level description - for clustering analysis, for integration with search and registry
- Interface changes - big and small
Portals

- Portal #1: DLF members’ metadata records
  - 43 institutions; over 880K records
  - http://www.hti.umich.edu/cgi/b/bib/bib-idx?c=imls;page=simple

- Portal #2: DLF members’ MODS metadata records
  - http://www.hti.umich.edu/m/mods/
  - 4 institutions (LoC, Indiana, OCLC, Univ of Chicago); over 330K records
Portal #1: DLF members

Use the form to find digital resources from all DLF (Digital Library Federation) institutions.
See help for search tips.

Search all fields
Use a word or phrase, e.g., diploma, fancy dress

and or

Search within particular fields
Use a word or phrase, e.g., diploma, fancy dress

Title: and
Author/Creator: and
Subject: and

Resource Type:
all types
* text
* image
* audio
* video

Choose sorting of results
e.g., results in date descending order, from 2002 to 1999

search
Portal #2: MODS records

The Digital Library Federation (DLF) MODS (Metadata Objects Description Schema) portal is a follow-on project of the University of Michigan Digital Library Production Service, as part of a grant designed to test the second generation of Open Archives Initiative (OAI) harvestable materials. The portal is and will be testing appropriate methods of transforming, displaying and making searchable the MODS enhanced metadata format.

There are currently two methods to search for 331,392 MODS records from 4 institutions:

Go to simple search now...

Go to advanced search now...

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Portal #2: MODS records
### Portal #1: DLF members: results

#### Record 1 of 2

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>The <strong>awful crisis</strong> which has arrived must be felt by us all, however, we may differ as to the causes which have produced it, or the measures which may avert its calamity ... [Richmond, Printed by T. Nicolson, 1799].</td>
</tr>
<tr>
<td>Publisher</td>
<td>Richmond,</td>
</tr>
<tr>
<td>Year</td>
<td>1799</td>
</tr>
<tr>
<td>Resource Type</td>
<td>text</td>
</tr>
<tr>
<td>Resource Type</td>
<td>Leaflets</td>
</tr>
<tr>
<td>Language</td>
<td>eng</td>
</tr>
<tr>
<td>Note</td>
<td>Page Order: Leaflet</td>
</tr>
<tr>
<td>Note</td>
<td>Printed Ephemera Collection; Portfolio 180, Folder 18.</td>
</tr>
<tr>
<td>Subject</td>
<td>United States--Virginia--Richmond</td>
</tr>
<tr>
<td>URL</td>
<td><a href="http://hdl.loc.gov/loc.rbc/rbpe.18001800">http://hdl.loc.gov/loc.rbc/rbpe.18001800</a></td>
</tr>
<tr>
<td>Institution</td>
<td>Library of Congress American Memory Project</td>
</tr>
</tbody>
</table>
**Record 2280 of 3250**

| Title | The awful crisis which has arrived must be felt by us all, however, we may differ as to the causes which have produced it, or the measures which may avert its calamity ... [Richmond, Printed by T. Nicolson, 1799] |
| Type | text |
| Genre | Leaflets-Virginia-Richmond |
| Date | 1799 |
| Physical Description | print; 4 p.; 44.5 cm. |
| Subject: Hierarchical | United States; Virginia; Richmond |

**Note**

Page **Order**: Leaflet

**Note**

Available also through the Library of Congress web site in two forms: as facsimile page images and as full text in SGML.

**Identifier**

hdl:loc.rbc/rbpe.18001800

**URL**

http://hdl.loc.gov/loc.rbc/rbpe.18001800

**Language**

English

**Institution**

Library of Congress American Memory Project: LC Printed Ephemera Selections
### Portal #1: DLF members: results

<table>
<thead>
<tr>
<th>Record 2 of 9</th>
</tr>
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<tbody>
<tr>
<td><strong>Title</strong> Coit Tower from Embarcadero at Filbert St.; Telegraph Hill from Embarcadero at Filbert</td>
</tr>
<tr>
<td><strong>Author/Creator</strong> Cushman, Charles Weever, 1896-1972</td>
</tr>
<tr>
<td><strong>Publisher</strong> Indiana University. Digital Library Program</td>
</tr>
<tr>
<td><strong>Publisher</strong> Indiana University, Bloomington. University Archives</td>
</tr>
<tr>
<td><strong>Year</strong> 1955-04-10</td>
</tr>
<tr>
<td><strong>Resource Type</strong> Cityscape photographs</td>
</tr>
<tr>
<td><strong>Resource Type</strong> StillImage</td>
</tr>
<tr>
<td><strong>Resource Type</strong> Image</td>
</tr>
<tr>
<td><strong>Resource Format</strong> image/jpeg,35mm slide</td>
</tr>
<tr>
<td><strong>Note</strong> Filbert Street</td>
</tr>
<tr>
<td><strong>Note</strong> Embarcadero</td>
</tr>
<tr>
<td><strong>Note</strong> Indiana University, Bloomington. University Archives P07959</td>
</tr>
<tr>
<td><strong>Note</strong> isPartOf <a href="http://www.dlib.indiana.edu/collections/cushman/">http://www.dlib.indiana.edu/collections/cushman/</a></td>
</tr>
<tr>
<td><strong>Note</strong> Cushman number: 1355.25</td>
</tr>
<tr>
<td><strong>Note</strong> IU Archives number: P07959</td>
</tr>
<tr>
<td><strong>Subject</strong> Towers; Trees; Arches; Buildings; Utility poles; Street lights; Hills; Electric lines; Dwellings; Bell towers; Telegraph Hill (San Francisco, Calif.); Coit Memorial Tower (San Francisco, Calif.)</td>
</tr>
<tr>
<td><strong>Subject</strong> San Francisco, California, United States (San Francisco county)</td>
</tr>
<tr>
<td><strong>URL</strong> <a href="http://purl.dlib.indiana.edu/iudl/archives/cushman/P07959">http://purl.dlib.indiana.edu/iudl/archives/cushman/P07959</a></td>
</tr>
<tr>
<td><strong>Rights</strong> <a href="http://purl.dlib.indiana.edu/iudl/archives/cushman/rights">http://purl.dlib.indiana.edu/iudl/archives/cushman/rights</a></td>
</tr>
<tr>
<td><strong>Institution</strong> Indiana University Digital Library Program</td>
</tr>
</tbody>
</table>
### Portal #2: MODS records: results

**Record 1 of 14425**

#### Title
Coit Tower from Embarcadero at Filbert St.

#### Author/Creator
Cushman; Charles Weever; 1896-1972

#### Type
still image

#### Genre
Cityscape photographs

#### Physical Description
image/jpeg; reformatted digital

#### Subject: Topical
Towers; Trees; Arches; Buildings; Utility poles; Street lights; Hills; Electric lines; Dwellings; Bell towers; Telegraph Hill (San Francisco, Calif.); Coit Memorial Tower (San Francisco, Calif.)

#### Subject: Geographic
Filbert Street; Embarcadero

#### Subject: Hierarchical
United States; California; San Francisco; San Francisco

#### Identifier
1355.25; P07959

#### URL
http://purl.dlib.indiana.edu/iudl/archives/cushman/P07959

#### Rights
Copyright and reproduction rights for all Charles W. Cushman photographs are held by **Indiana** University and administered by the University Archives, **Indiana** University, Bloomington, IN 47405.

#### Institution
**Indiana** University Digital Library Program: Charles W. Cushman Photograph Collection
Use of portals

- Test portals with Scholar’s Advisory Group (and users)
- Which portals should be maintained?
- Which functionality should be integrated?
- How integrate different metadata formats?
- How integrate collection level descriptions: item or set level?
Next steps: soon

- Interface tweaks: ex. listing subject vocabularies used
- Metadata mapping tweaks: ex. separate fields for each separate hierarchical subject value in MODS
- Functionality: ex. Boolean in one search box
- Testing Emory’s clustering tool in conjunction with UIUC’s collection-description-added repository registry
Next steps: bigger

- Thumbnail grabber: include thumbnails in results, as in CIC Portal
- Date normalization
- Create our own MODS metadata as a DP
- Make metadata downloadable from portal
Questions

- Kat Hagedorn
- khage@umich.edu
- University of Michigan
  - Digital Library Production Service
- www.oaister.org
- www.dlxs.org
- www.umdl.umich.edu