MWDL as a Service Hub for the Digital Public Library of America: Update and Plans

Sandra McIntyre, MWDL Director
Rebekah Cummings, MWDL Assistant Director
December 5, 2013
WELCOME TO THE MOUNTAIN WEST DIGITAL LIBRARY!

The Mountain West Digital Library is a central search portal for digital collections about the Mountain West region. We provide free access to over 800,000 resources from universities, colleges, public libraries, museums, historical societies, and government agencies, counties, and municipalities in Utah, Nevada, Idaho, Arizona, Hawaii, and other parts of the U.S. West. For MWDL member resources, or to learn how to become a partner, visit our get involved page.

EVENTS

View all Events
- Winter Webinar Series: MWDL as a Service Hub for the Digital Public Library of America: Update and Plans - 12/5/13, 11:00 am (MST)
- Winter Webinar Series: Harvesting Using the Open Archives Initiative Protocol - 12/17/13, 11:00 am (MST)

DIGITAL LIBRARY COLLECTIONS

All collections
- A Celebration of the Human Spirit: Browse

DIGITAL LIBRARY PARTNERS

All partners
- Alpine Public Library, Apache County (AZ) Library District
- Archives of the Catholic Diocese of Tucson
- Arizona Capitol Museum
- Arizona Geological Survey
- Arizona Health Sciences Library
- Arizona Heritage Research Foundation

What training do you need? Fill out our Training Survey!

Follow @MWDigLib

Find us on Facebook

Mountain West Digital Library

Mountain West Digital Library

Don't miss the MWDL webinar tomorrow "MWDL as a Service Hub for the Digital Public Library of America:"
Tiered services

- Collection Partners
- Hosting Hubs
- MWDL Central
In these states:

- Utah
- Nevada
- Arizona
- Idaho
- Hawaii
- Soon: Montana
Create the on-ramp for memory institutions - libraries, archives, and museums - to contribute content to the Digital Public Library of America.
The Digital Public Library of America (DPLA) will make the cultural and scientific heritage of humanity available, free of charge, to all. The DPLA’s primary focus is on making available materials from the United States. By adhering to the fundamental principle of free and universal access to knowledge, it will promote education in the broadest sense of the term. That is, it will function as an online library for students of all ages, from grades K-12 to postdoctoral researchers and anyone seeking self-instruction; it will be a deep resource for community colleges, vocational schools, colleges, universities, and adult education programs; it will supplement the services of public libraries in every corner of the country; and it will satisfy other needs as well—the need for data related to employment, for practical information of all kinds, and for enrichment in the use of leisure.
National partners

• Institute for Museum and Library Services
• Smithsonian Institution
• National Archives & Records Administration
• Harvard University
• New York Public Library
• Boston Public Library

• ARTStor
• Univ. of Virginia Libraries
• Univ. of Illinois Urbana-Cham.
• Internet Archive
• Hathi Trust
• Creative Commons
• Biodiversity Heritage Library
Finding items

A Wealth of Knowledge
explore 5,420,824 items from libraries, archives, and museums
Search the Library

Apps

The DPLA is a platform. Developers make apps that use the library’s data in many different ways. Here are just a few.  App Library »

News

CC0 (+BY)
Dec 4
Open Committee Call: Technical Advisory, December 4, 2:00 PM Eastern
Dec 3
All News »

@dpla on Twitter
Your search for Utah returned 607,777 results. Only results with location data are shown below.

By Format
- text: 379195
- image: 202056
- sound: 3366
- dataset: 493
- moving image: 16

Contributing Institution
- Utah State Archives: 299911
- University of Utah · J. Willard Marriott Library: 82904
- Utah State Historical Society: 46259
- Utah State Library: 41859
- Uintah County (UT) Library: 23183

Partner
- Mountain West Digital Library: 594280
- National Archives and Records Administration: 4411
Search by Timeline

Timeline

Your search for **automobile** returned 15,916 results.

Only results with time data are shown below.

Show

1879

1 items

**Selden Automobile Patent Model, 1879**

Selden, George B

George Selden's dubious claim that he invented the automobile cast a shadow on the early auto manufacturing industry. His claim rested on a patent application for a "road-engine" that he had filed in ...
Exhibitions

- Activism in the U.S.
- America's Great Depression and Roosevelt's New Deal
- Boston Sports Temples
- Bread and Roses Strike of 1912: Two Months in Lawrence, Massachusetts, that Changed Labor History
- History of Survivance: Upper Midwest 19th Century Native American Narratives
- Indomitable Spirits: Prohibition in the United States
- Leaving Europe: A new life in America
- This Land Is Your Land: Parks and Public Spaces
The DPLA is a platform that enables new and transformative uses of our digitized cultural heritage. The DPLA’s application programming interface (API) and open data can be used by software developers, researchers, and others to create novel environments for learning, tools for discovery, and engaging apps.

**App Library**

**Library Observatory**
metaLAB (at) Harvard

Library Observatory recognizes a unique opportunity the emergence of the DPLA represents: both to imagine new ways of interacting with cultural and scientific resources and to reflect on what collections of such materials mean, what stories they tell.

[App Home Page »](#)

**Search DPLA and Europeana**
Jesús Dominguez

Through the Europeana and DPLA APIs, it’s easy to discover sources of information previously unknown or unforeseen and go directly to a digital version of an item.

[App Home Page »](#)

**StackLife**
Harvard Library Innovation Lab

StackLife demonstrates one way a group independent of the Digital Public Library of America can create its own way of browsing its collection, using the information made openly available by the DPLA.

[App Home Page »](#)

**DPLA Map**
Ed Summers

DPLA Map is an experiment to see what the DPLA API results are for your current location using the HTML5 geolocation API.

[App Home Page »](#)

**OpenPics**
Say Goodnight Software / PJ Gray

An open source iOS application for viewing images from multiple remote sources. Available for iPhone/iPad on the app store, or get the source code on GitHub!

[App Home Page »](#)

**Culture Collage**
Monique Szpak

Culture Collage is a simple tool that lets you search the DPLA’s image archives and view the results as a river of images.

[App Home Page »](#)
Welcome to StackLife for the DPLA

StackLife demonstrates one way a group independent of the Digital Public Library of America can create its own way of browsing its collection, using the information made openly available by the DPLA. In this early version, you can browse a superset of books from the Hathi Trust and the Open Library that have been gathered by the DPLA.

StackLife shows you a book in the shelf it would be on in a physical library. The darker the blue the more often the book has been accessed. The book’s thickness reflects the number of pages. The longer the book, the longer ago it was published.

When you click on a book, StackLife shows you the subjects under which it’s been classified by librarians. Click on a subject and now you’ll see the other works in that category.

StackLife was created by Harvard’s Library Innovation Lab. Check our Frequently Asked Questions for more information. And here is our privacy policy.
Powerful research tool

- Read the entire book
- View related materials
- Cataloging information in a user-friendly interface
OpenPics

An open source iOS application for viewing images from multiple remote sources (including DPLA).
OpenPics
An open source iOS application for viewing images from multiple remote sources (including DPLA).
“Leverage the existing infrastructure of the nation”

1. Digital Commonwealth (Massachusetts)
2. Digital Library of Georgia
3. Kentucky Digital Library
4. Minnesota Digital Library
5. South Carolina Digital Library
6. Mountain West Digital Library
Digital Hubs Pilot

Goals

• Lay foundational infrastructure for DPLA
• Conceive and test models
• Empower memory institutions in the region
• Catalyze relationships between local residents and their history
• Inspire engagement among libraries and their local communities
“What’s in it for us?”

- Funding and support for MWDL
- New level of services to memory institutions
- Broadening our partner base
- Time to work out long-term sustainability
- Learning from other collaboratives
- National recognition and prominence
- Seat at the table for influencing DPLA’s direction
<table>
<thead>
<tr>
<th>Date</th>
<th>Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2012</td>
<td>Project Setup</td>
</tr>
<tr>
<td>Jan.-April 2013</td>
<td>Phase 1: Sharing Metadata with DPLA</td>
</tr>
<tr>
<td>April 18, 2013</td>
<td><strong>DPLA Launch at</strong> <a href="http://dp.la">http://dp.la</a></td>
</tr>
<tr>
<td>May-July 2013</td>
<td>Phase 2: Ramping Up</td>
</tr>
<tr>
<td>Jan.-Sept. 2014</td>
<td>Phase 4: Refining service and funding models</td>
</tr>
</tbody>
</table>
Phase 1: Sharing Metadata

1. Metadata mapping to DPLA’s Metadata Application Profile 3 (MAP3)
2. Ingestion via harvest mechanism
3. Metadata licensing
Mapping from Mountain West Digital Library (MWDL) to DPLA MAP3

Final column shows mapping done by Sandra McIntyre, MWDL program director, with feedback and adjustments by Amy Rudersdorf, DPLA assistant content coordinator. Index fields for MWDL can be retrieved using Ex Libris Primo X-Services queries.

Class = "dpla:OriginalWork"
subclass of class = "edm:ProvidedCHO"

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Contributor</td>
<td>dcre.contributor</td>
<td></td>
<td></td>
<td></td>
<td>Entity responsible for making contributions to cultural heritage object</td>
<td>Partner</td>
<td>local, NAF, ULAN</td>
<td></td>
<td>0</td>
<td>min 0, max unbounded</td>
<td>[none]</td>
<td></td>
</tr>
<tr>
<td>Creator</td>
<td>dcre.creator</td>
<td></td>
<td></td>
<td></td>
<td>Entity primarily responsible for making cultural heritage object</td>
<td>Partner</td>
<td>local, NAF, ULAN</td>
<td></td>
<td>0</td>
<td>min 0, max unbounded</td>
<td>display/creator</td>
<td></td>
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<tr>
<td>Date</td>
<td>dc.date</td>
<td>edm:hasMedia</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>dpla:timeSpan</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td>dcre.description</td>
<td></td>
<td></td>
<td></td>
<td>Includes but is not limited to: an abstract, a table of contents, a graphical representation, or a</td>
<td>Partner</td>
<td></td>
<td></td>
<td>0</td>
<td>min 0, max unbounded</td>
<td>[none]</td>
<td></td>
</tr>
</tbody>
</table>

I suggest you use display/creationdate.

You have 2 choices:
--Use search/creationdate if you want to do the parsing (it contains exact info from dc.date, including semicolon-delimited series of years)
--Use display/creationdate if you want to use MWDL normalization (contains date range from beginning year to ending year)
• Ingestion of metadata from MWDL’s Ex Libris Primo into DPLA database
  - No OAI available
  - Figured out way to use Primo X-Services

• Discovered ALL of our metadata inconsistencies!
The vast majority of metadata is not subject to copyright restrictions.

Freely shareable metadata promotes innovation.

DPLA provides free and unencumbered access to metadata: to harvest, collect, modify, or otherwise use.
At MWDL, we include metadata in the DPLA by default.

Collection managers may opt out for some or all collections at any time.
http://dp.la

DIGITAL PUBLIC LIBRARY OF AMERICA LAUNCH

April 18–19, 2013 Boston Public Library
Phase 2: Ramping up

- Grant-funded librarian positions
  - Rebekah Cummings
    Assistant Director/Outreach Librarian
  - Anna Neatrou
    Digital Metadata Librarian

- New workspaces and equipment

- Increased coordination with hosting institution, Univ. of Utah Marriott Library
**Phase 3: Expanding services**

- **New repositories**
  - Arizona Memory Project
  - Utah Division of Arts and Museums
  - Northern Arizona University
  - UNLV Digital Commons
  - University of Idaho
  - FamilySearch
  - Montana Memory Project
  - Stacks: the Idaho Digital Repository
  - Boise State University
  - Snow College Digital Repository
Phase 3: Expanding services

- **Hubs:**
  Support for regional hubs/digitization centers

- **Partners:**
  Services for a larger number of libraries, museums, and archives
Phase 3: Expanding services

- Digitization projects
  - “Pioneers in Your Attic” scanning events
  - Digitization mini-contracts program
Phase 3: Expanding services

- Training projects
  - Webinars
  - Toolkits on MWDL website
  - In-person workshops
April 2013:
• 2.5 million records
• 16 hubs
• Records from over 400 memory institutions

December 2013:
• 5.3 million records
• 21 hubs
• Records from over 1,100 institutions
Types of partners in DPLA:

- Academic libraries: 30%
- Public libraries: 14%
- Federal agencies: 7%
- Historical societies: 11%
- Museums: 11%
- Local gov't agencies: 2%
- Special libraries: 4%
- State agencies: 4%
- Publishers: 1%
- Archives: 10%
- Collaboratives: 2%
- Community college library: 2%
- Encyclopedias: 0.36%
- Other: 2%
#1 - Hathi Trust
#2 - Mountain West Digital Library
#3 - Smithsonian Institute
Impact on MWDL Usage

- MWDL usage statistics May 2013 - November 2013
- Visits are up 80.45% over last year for this time period
Impact on MWDL Usage

- Increase in referrals to MWDL website
Thank you to our DPLA community reps!

Jennifer Birnel, Montana Memory Project
Jessica Breiman, University of Utah J. Willard Marriott Library
Xiaolian Deng, Salt Lake County Library System
Dustin Fife, San Juan County Library System
Cory Lampert, UNLV University Libraries
Sam Passey, Uintah County Library
Robert Shupe, Logan Public Library
Phase 4: The Future

- Refining the services model
- Refining the funding model
Current governance and funding

- Utah Academic Library Consortium
- Foundational partner: University of Utah Marriott Library
- Temporary funding: Digital Public Library of America
- New grant: Bill & Melinda Gates Foundation
Phase 4: Refining models

Needs assessment

SWOT Analysis
- Strengths
- Weaknesses
- Opportunities
- Threats

Analysis

Planning

Strategic

Creative Use

Helpful attributes

Attainable

Incorporated person

Model used

Research developed

Selected

Questions

Useful

Technique

Essential

Independent

Selected

Helpful

Attributes

Incorporated person

Model used

Research developed

Questions

Useful

Technique

Essential

Independent
Phase 4: Refining models

- Advisory Committee representing all categories of MWDL partners
Hubs Meeting

- March 2014 (Exact date/location TBD)

- MWDL decision-making
  - Infrastructure
  - Services to Partners
  - Price List
  - Future services

- Opportunity to connect with regional hub managers
  - Share best practices
  - Find out what other digital libraries are doing
  - Discuss important digital library topics
Phase 4: Refining models

Partnership Summit

- May or June 2014 (Exact date/location TBD)
- Decision-making by all partners
  - Partnership Agreement
  - Sustainability for MWDL services
- Discussion of future services
Frontiers: Task Forces

- Geospatial Discovery Task Force
- Institutional Repositories Task Force
- Linked Data Task Force
- Digital Preservation Task Force
- Data Curation Task Force
Winter Webinar Series

<table>
<thead>
<tr>
<th>Month</th>
<th>MWDL Partner Series</th>
<th>Date</th>
<th>Digital Tech Topics</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>November</td>
<td>Partnering with the Mountain West Digital Library</td>
<td>Tuesday, 11/26, 11:00 am</td>
<td></td>
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</tr>
<tr>
<td>December</td>
<td>MWDL as a Service Hub for the Digital Public Library of America: Update and Plans</td>
<td>Thursday, 12/5, 11:00 am</td>
<td>Harvesting Using the Open Archives Initiative Protocol: What can your OAI stream tell you?</td>
<td>Tuesday, 12/17, 11:00 am</td>
</tr>
<tr>
<td>January</td>
<td>Hosting Hubs Update: Services, Pricing, and Highlights</td>
<td>Tuesday, 1/7, 11:00 am</td>
<td>Digital Asset Management System Options: Report of the DAM Review Task Force at the University of Utah Libraries (Kinza Masood/ Anna Neatrour)</td>
<td>Tuesday, 1/21, 11:00 am</td>
</tr>
<tr>
<td>February</td>
<td>Partnering with the Mountain West Digital Library</td>
<td>Thursday, 2/6, 11:00 am</td>
<td>Geospatial Discovery: Initial recommendations from the task force (Kristen Jensen/Liz Woolcott)</td>
<td>Thursday, 2/20, 11:00 am</td>
</tr>
<tr>
<td>March</td>
<td>Cultural Heritage Initiatives: Arizona Memory Project and Montana Memory Project (Richard Prouty/ Jen Birnel)</td>
<td>Tuesday, 3/4, 11:00 am</td>
<td>Geospatial Interfaces: How to use good metadata once we have it (Michelle Olsen and the Geospatial Discovery Task Force Subgroup)</td>
<td>Tuesday, 3/18, 11:00 am</td>
</tr>
</tbody>
</table>
Reflections

- Increased access to MWDL partner content
- Building out MWDL program
- New level of services to our region’s memory institutions
- Broadening our partner base
- Assistance in working out long-term support of those services
- Learning from other collaboratives
- National recognition for UALC and MWDL
Questions?

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  Director  
  (801) 585-0969  
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  Assistant Director/Outreach Librarian  
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  rebekah.cummings@utah.edu