March 26th, 2015

The Digital Public Library of America and Academic Libraries: How the DPLA Advances Teaching, Learning, and Research

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Session Hashtag: #acrlDpla
DPLA Timeline and Reading List

This is a timeline detailing some of the more significant events in DPLA’s history, as well as a short but ideally helpful assortment of articles, blog posts, and essays related to DPLA from those time periods. Please bear in mind that DPLA may have and likely has evolved from what’s described in articles published during the planning initiative (Fall 2010 – Spring 2013), when DPLA was at times more of a concept than an actual organization.

If you’re curious about DPLA’s history and development from 2010 to the present, visit http://dp.la/info/about/history/, or email us (info@dp.la). Enjoy!

2010

★ October 2010
Nearly 40 leaders from libraries, foundations, academia, and technology projects gather in Cambridge, Massachusetts where they agree to work together to create “an open, distributed network of comprehensive online resources that would draw on the nation’s living heritage from libraries, universities, archives, and museums in order to educate, inform, and empower everyone in current and future generations.”

★ December 2010
The Berkman Center for Internet & Society at Harvard University, supported by the Alfred P. Sloan Foundation, announces start of the “Digital Public Library of America” planning project, convening leading experts in libraries, technology, law, and education to begin work on the ambitious project. The Berkman Center, which houses the DPLA Secretariat, invites these and other leaders to serve on a Steering Committee and six workstreams. Initial work of scoping the initiative continues into 2011.

A Portal for Discovery

A Platform to Build Upon

A Strong Public Option
COMMUNITY REPS

“volunteers to help us spread the word in local communities”
An intention to configure a culture represented by fixed expressions of knowledge

A canonical collection created through selection

A collection mediated for a community
LOCAL, CONSORITAL, BEYOND
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REP(resent)ING for AK

Working to put Alaska on the DPLA map

➢ 6,000 items in DPLA with AK location data
➢ 0 contributed by AK based institutions
EXPLORATION & ENGAGEMENT

App Library

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.

- Metadata Explorer
  - Dean Farrell
  - A visualization of the data of items in the DPLA
  - App Home Page

- DPLA Item Flow
  - Dean Farrell
  - A visualization showing the flow of items into DPLA
  - App Home Page

- DPLA Partner Flow
  - Dean Farrell
  - A visualization showing the flow of items into DPLA
  - App Home Page

Related Images

- DPLA Depositors Visualization
  - Dean Farrell
  - See how many items each contributor made
  - App Home Page

- DPLA Bookshelf Language Visualization
  - Dean Farrell
  - Visualize books by language
  - App Home Page

- Term Frequency Map
  - Dean Farrell
  - See term frequency changes through time
  - App Home Page
EXPLORATION & ENGAGEMENT

DPLA in the context of the ACRL Framework for Information Literacy for Higher Education

Searching as Strategic Exploration

Searching for information is often nonlinear and iterative, requiring the evaluation of a range of information sources and the mental flexibility to pursue alternate avenues as new understanding develops.

Learners developing information literate abilities do the following:

• Recognize the value of browsing and other serendipitous methods of information gathering
discovery and serendipity
EXPLORATION & ENGAGEMENT

ACTIONS

➢ Outreach to Alaska Library Association > route HUB on-ramping questions back to DPLA

➢ DPLA and the 3 Ps: Presentation to librarians and educators @ Alaska Library Association Annual 2015

➢ DPLA in context of primary source materials during IL one-shot instruction in UAS Natural Sciences courses

➢ Outreach to UAS faculty: DPLA as Teaching and Learning Tool

ASPIRATIONS

➢ Host a hack-a-thon

➢ Outreach to UAS Graduate School of Education: M.ED Educational Technology

➢ See AK LAMS get onboarded with DPLA via a state or regional hub
Why I DPLA?

- PUBLIC (OPEN) API and Metadata Application Profile (MAP ie The One Ring)
- Rights Advocacy and Awareness
- Hack this Library
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REPPING FOR DPLA IN PA

➢ Working to increase awareness and interest in DPLA among PA librarians

➢ Building a DPLA Service Hub for PA!

PA FORWARD BACKWARD

Statewide Collaboration on Historic Digital Collections
We’ve added a ton of content to UofS digital collections - but our usage analytics are stagnant.

2 hubs reported huge increases (55%, 105%) in visits after joining DPLA!
WHY? REUNIFICATION

DPLA platform can digitally reunite physically fragmented collections.

Horace Grant Healey Penmanship Collection, New York Public Library - http://archives.nypl.org/mss/1366

Horace G. Healey Collection, Zaner-Bloser Penmanship Collection, University of Scranton - www.scranton.edu/library/zanerbloser
Primary sources introduce complex information literacy challenges.

Students can use DPLA to engage with conflicting perspectives, ambiguous or unknown authorship, unfinished works, and unfamiliar formats.

WHY? INFORMATION LITERACY

Robust DPLA API can help students learn how to craft meaningful search strategies.

Library Observatory Tree Graph, by metaLAB - http://www.libraryobservatory.org/
DPLA API fosters exploration with new modes of search and discovery.

Users can see and compare items and metadata in and across different contexts.
DPLA sparks important discussions about rights and access to human knowledge.

Could DPLA’s platform and infrastructure play a role in the dissemination of scholarship?

Could DPLA cut through institutional repository silos?

Could DPLA help academics reconnect with the public?
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DPLA & ACRL LIBRARIANS

➢ PEOPLE HELP MAKE DPLA WORK
➢ Librarians have great networks

A Group of Librarians in Asbury Park, New Jersey

(1919)

Copyright status: Orphan Work

http://imagesearchnew.library.illinois.edu/cdm/ref/collection/ALA/id/157
PROFESSIONAL DEVELOPMENT

Librarians master each-one, teach-one

Captain (CPT) David Clark, an Air Defense Council student at the Center for Professional Development...

(1987)

Copyright status: Unrestricted

http://research.archives.gov/description/6436819
Digital Public Libraries of America (DPLA)

Title: Digital Public Libraries of America (DPLA)

Description: As we approach the two-year mark for Digital Public Library of America (dp.la), the project is living up to the goal of being a model of "open scholarship" in action. It is also a remarkable model for sustainable growth in digital humanities projects, and is on course to meet the promise of "a National Digital Library." This workshop explores ways that faculty can use the three facets of DPLA as "a portal, a platform and public option" to find previously hidden cultural collections, to engage with primary resources, and enter into a conversation about new scholarly communication venues with our veteran colleagues and fledgling scholars.

Date & Time: 12:15pm - 1:40pm, Tuesday, March 17, 2015

Location: Q-Library 110

Campus/Site: Queens Only

Presenter: Kathy Shaughnessy

Category: CTL Certificate, Graduate Student Certificate, Library as University Hub

Registration: Yes (20 seats - Waiting list enabled)

Owner: CTL Organizer

COLLABORATION: University

Librarians part of Campus Interest Groups
**DPLA & ACRL LIBRARIANS**

<table>
<thead>
<tr>
<th>Institution Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Libraries</td>
<td>23.38%</td>
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<tr>
<td>University Libraries</td>
<td>22.19%</td>
</tr>
<tr>
<td>Historical Societies</td>
<td>11.33%</td>
</tr>
<tr>
<td>Museums</td>
<td>11.33%</td>
</tr>
<tr>
<td>Archives</td>
<td>7.50%</td>
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<tr>
<td>Government Agencies</td>
<td>4.71%</td>
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<tr>
<td>Community Colleges</td>
<td>3.43%</td>
</tr>
<tr>
<td>Society/Foundation Archives/Libraries</td>
<td>3.19%</td>
</tr>
<tr>
<td>State/National Parks</td>
<td>1.76%</td>
</tr>
<tr>
<td>K-12 Schools</td>
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<tr>
<td>Private Collections</td>
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<tr>
<td>State Libraries</td>
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<tr>
<td>Historic Properties</td>
<td>1.36%</td>
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<tr>
<td>University Departments</td>
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<tr>
<td>Corporate Libraries/Archives</td>
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<tr>
<td>Federal Libraries</td>
<td>1.12%</td>
</tr>
<tr>
<td>Theological Organizations</td>
<td>0.96%</td>
</tr>
<tr>
<td>Publishers</td>
<td>0.64%</td>
</tr>
<tr>
<td>Encyclopedias</td>
<td>0.32%</td>
</tr>
</tbody>
</table>

**Breakdown of Contributing Institution as of April 2014**

*(From Strategic Plan)*

- **DPLA Service Hubs & Community Reps**
  - Hosting events
  - Service Learning Projects
  - Patron Professional Expertise

**Collaboration:** On & Off-Campus

- Librarians part of Community of Libraries
SCHOLARLY COMMUNICATION:

➢ Great tool for talking about IL & ICT Literacy
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Session Hashtag: #acrldpla
Community

DPLA is all of us.

- DPLA Hubs
- DPLA Community Reps
- Developers
- Webinar or Open Call Participants
- Interested Cultural Heritage professionals
- OPEN GLAMers
Service Hubs
Mountain West Digital Library
South Carolina Digital Library
Digital Commonwealth (MA)
NC Digital Heritage Center
The Portal to Texas History
Digital Library of Georgia
Minnesota Digital Library
Kentucky Digital Library
Missouri Hub

Content Hubs
US Government Printing Office (GPO)
University of IL at Urbana-Champaign National Archives & Records Admin.
University of Southern California Biodiversity Heritage Library
The New York Public Library
Harvard University Library
Smithsonian Institution
University of Virginia J. Paul Getty Trust
David Rumsey
HathiTrust
ArtStor
Current Hub Math

13 Content Hubs

+ 9 Service Hubs

___________

1,350 Partners

Soon to be 15 Content Hubs & 15 Service Hubs and 1500+ partners
Contributors by institution type
<table>
<thead>
<tr>
<th>Rights Statement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Public Domain</td>
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</tr>
<tr>
<td>NOT_IN_COPYRIGHT</td>
<td></td>
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**Digital Text and Image Access**

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- **FamilySearch/Intellectual Reserve Inc.**:-created and made available by agreement with the Archives. Exceptions include images created by the Archives to fill gaps and improve the collection.

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- **Held in the Proprietary Collection**: Held by the University of Southern California.
- **Held in the Proprietary Collection**: Held by the Smithsonian American Art Museum.
- **Held in the Proprietary Collection**: Held by the USC Student Library.

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**Visualization by Dean Farrell**
'Getting It Right on Rights'

WINNER
Digital Public Library of America
@DPLA

Dan Cohen
@DANCOHEN

Emily Gore
@NCSCHISTORY

Standardization of Rights Statements

Enabling Reuse
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.

Platform

Sample apps from DPLA App Library

DPLA Discovery
Steven Anderson, Tom Morris, and Chris Strauber
DPLA Discovery is a widget that aims to provide multiple discovery interfaces in javascript that can be used in any website.
App Home Page »

DPLA by County and State
Chad Nelson
DPLA by State and County allows you to see how well the DPLA represents each state and each county within a state.
App Home Page »

Serendip-o-matic
One Week | One Tool, Roy Rosenzweig Center for History and New Media at George Mason University
Serendip-o-matic connects your sources to digital materials located in libraries, museums, and archives around the world, including the DPLA, Europeana, and Flickr Commons.
App Home Page »

Culture Collage
Monique Szpak
Culture Collage is a simple tool that lets you search the Digital Public Library of America’s image archive and view the results as a streaming river of images, just keep scrolling to fetch more.
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 »

DPLAbot
Mark Sample
@DPLAbot is a Twitter bot that tweets links to random items located in the vast collections of the Digital Public Library of America (DPLA).
App Home Page »
“The best thing to do with your data will be thought of by someone else”

Dr. Rufus Pollock, Open Knowledge Foundation
This presentation =

http://dp.la