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

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Emily Gore, [DPLA](#)



Session Hashtag: [#acrldpla](#)

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## 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](mailto: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.

⊕ <http://dp.la/info/2010/12/13/berkman-center-announces-digital-public-library-planning-initiative/>



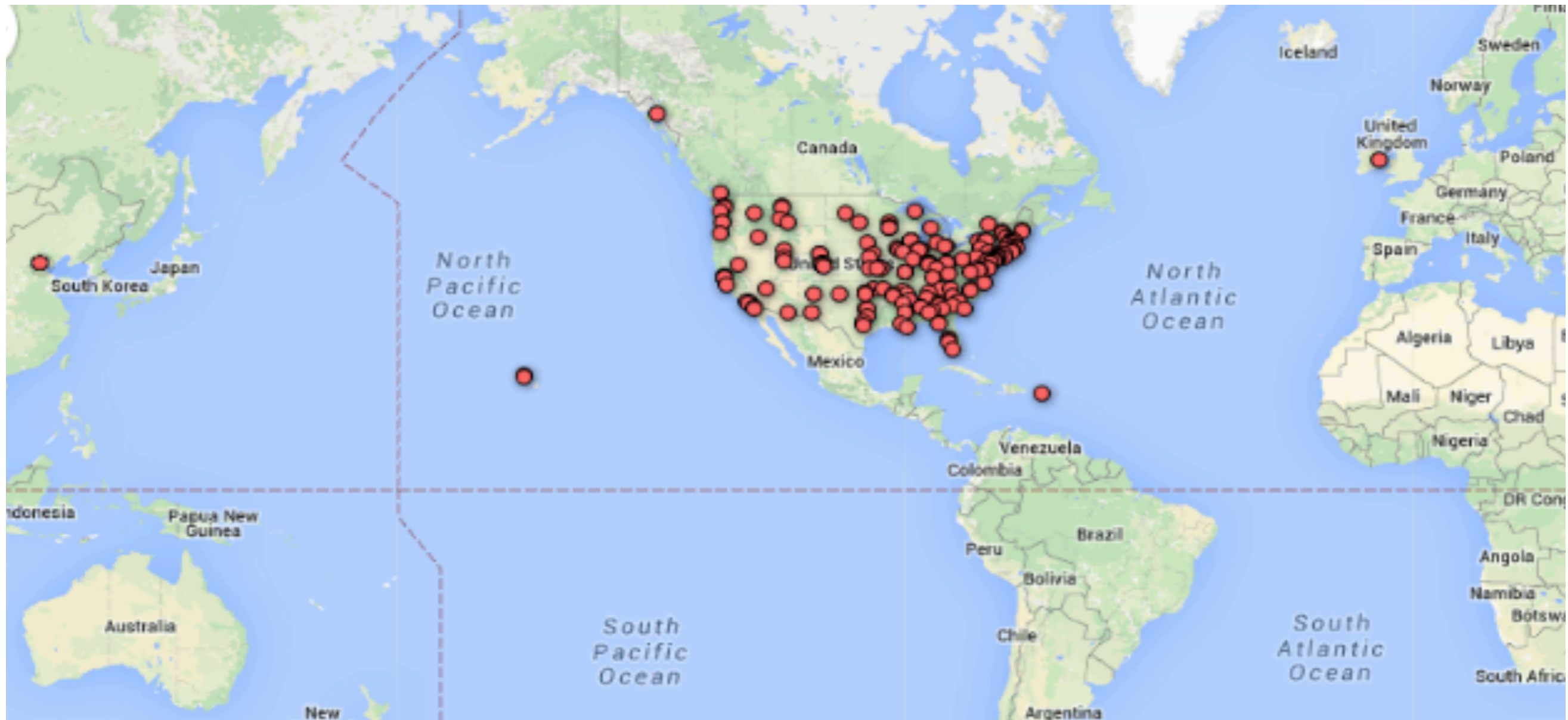


A **PORTAL** FOR DISCOVERY

A **PLATFORM** TO BUILD UPON

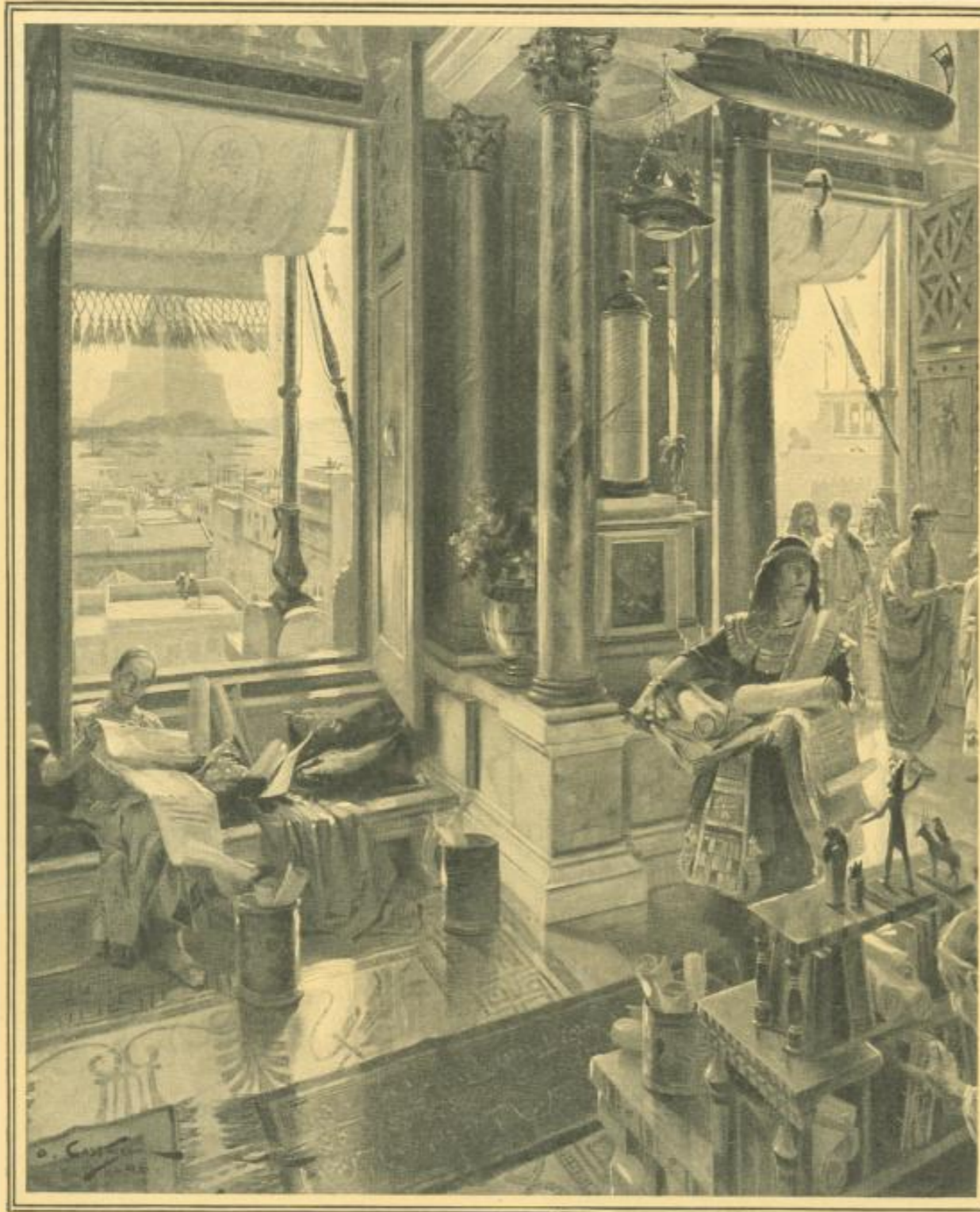
A STRONG **PUBLIC OPTION**

# COMMUNITY REPS



“volunteers to help us spread the word in local communities”

# A LIBRARY



Drawn by Andre Castaigne

IN THE TIME OF THE PTOLEMIES--THE ALEXANDRIAN LIBRARY

Egypt-Ancient

4M May 1908

- An intention to configure a **culture** represented by fixed expressions of knowledge
- A canonical **collection** created through selection
- A collection mediated for a **community**

## In the time of the Ptolemies--the Alexandrian Library



Creator	Castaigne, J. André
Created Date	1908-05
Partner	The New York Public Library
Contributing Institution	Art and Picture Collection. The New York Public Library



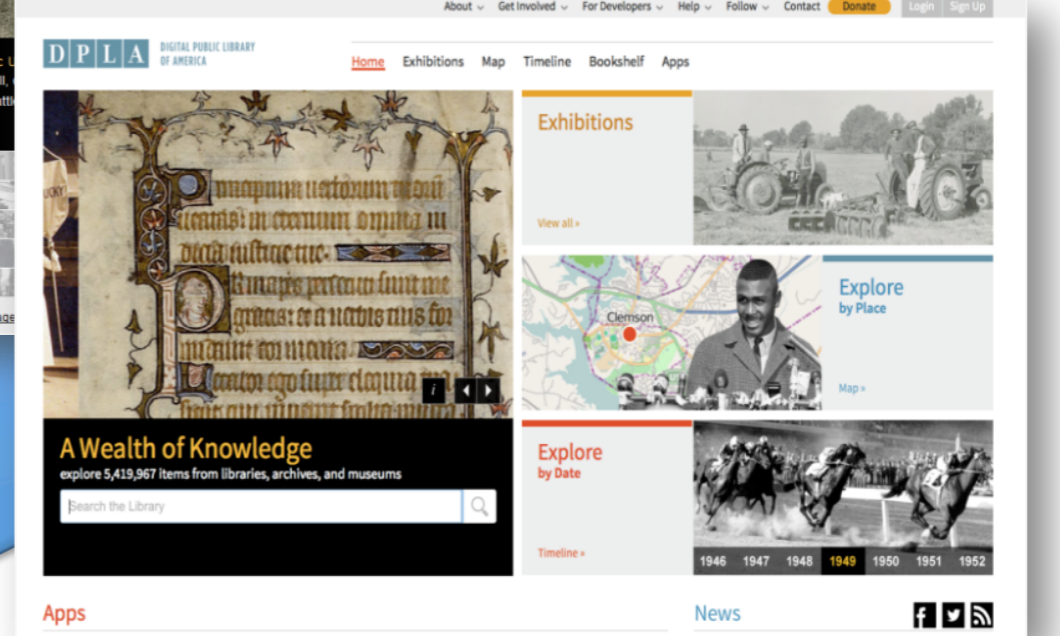
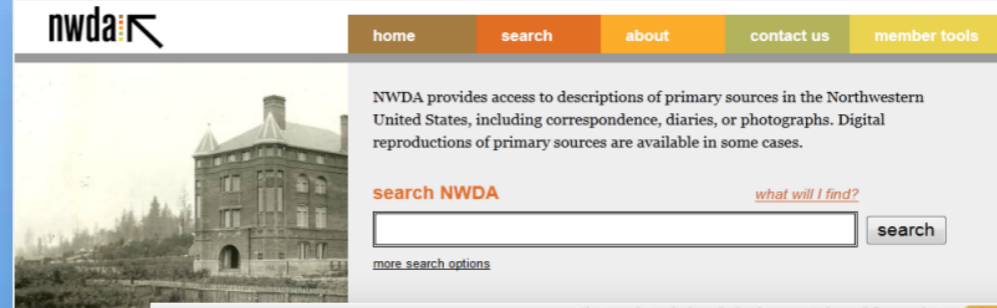
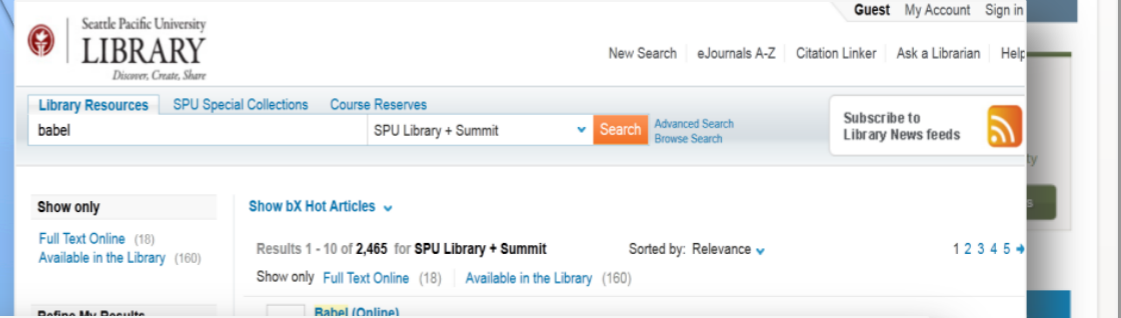
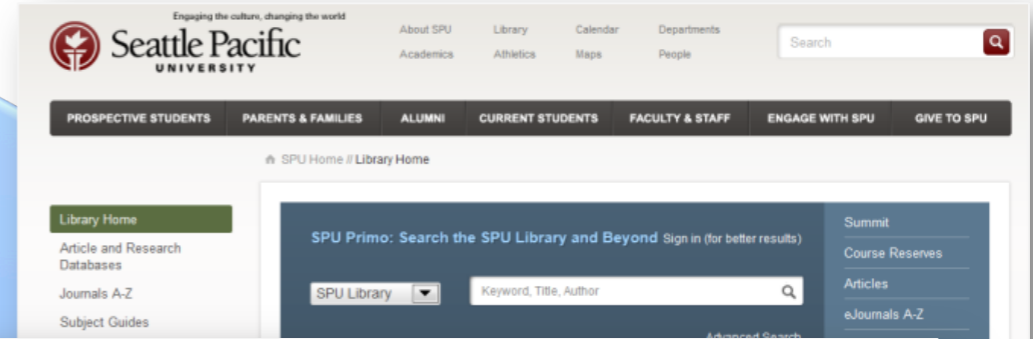
# LOCAL, CONSORTIAL, BEYOND



Local



Consortial



Beyond



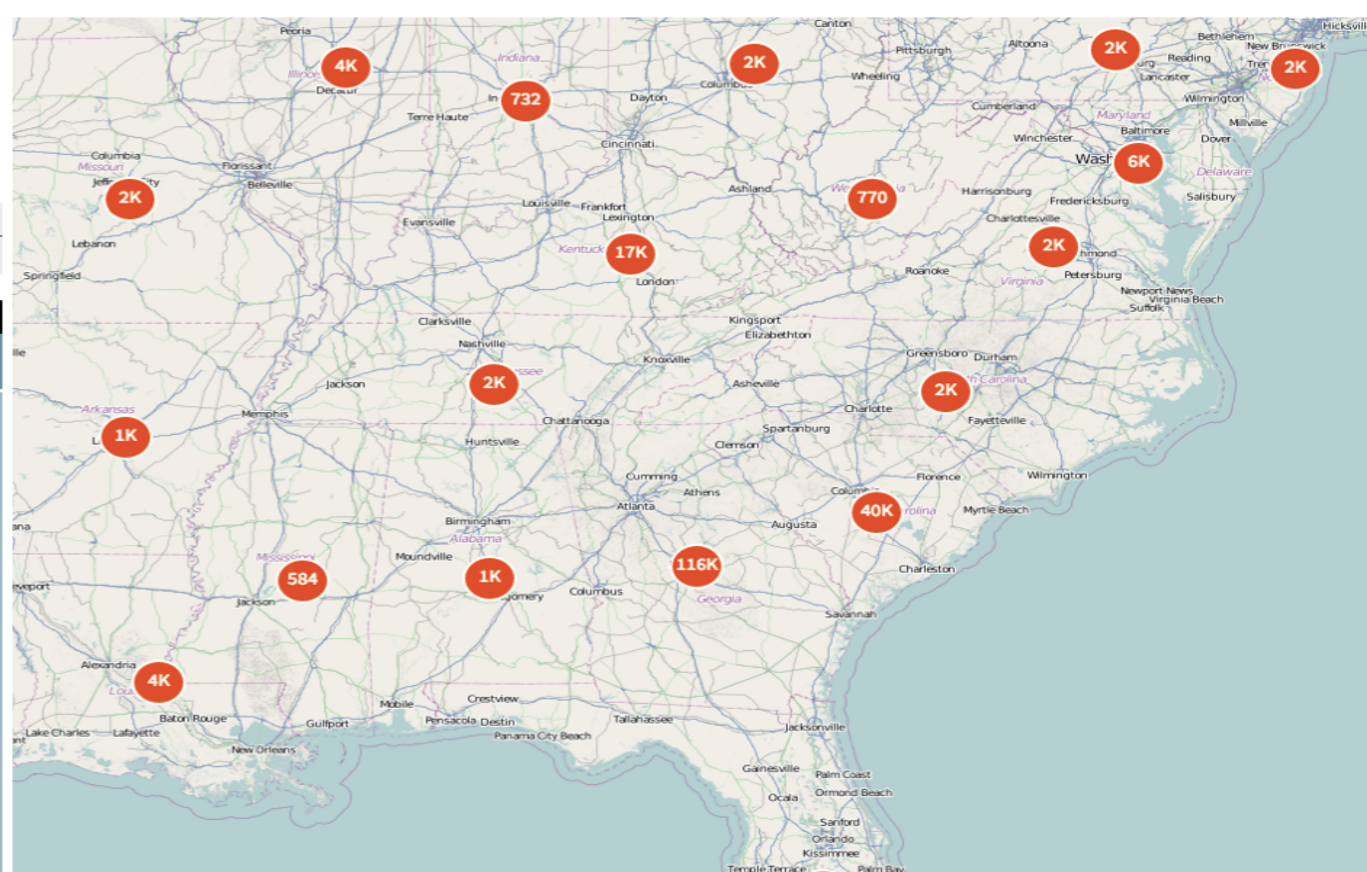
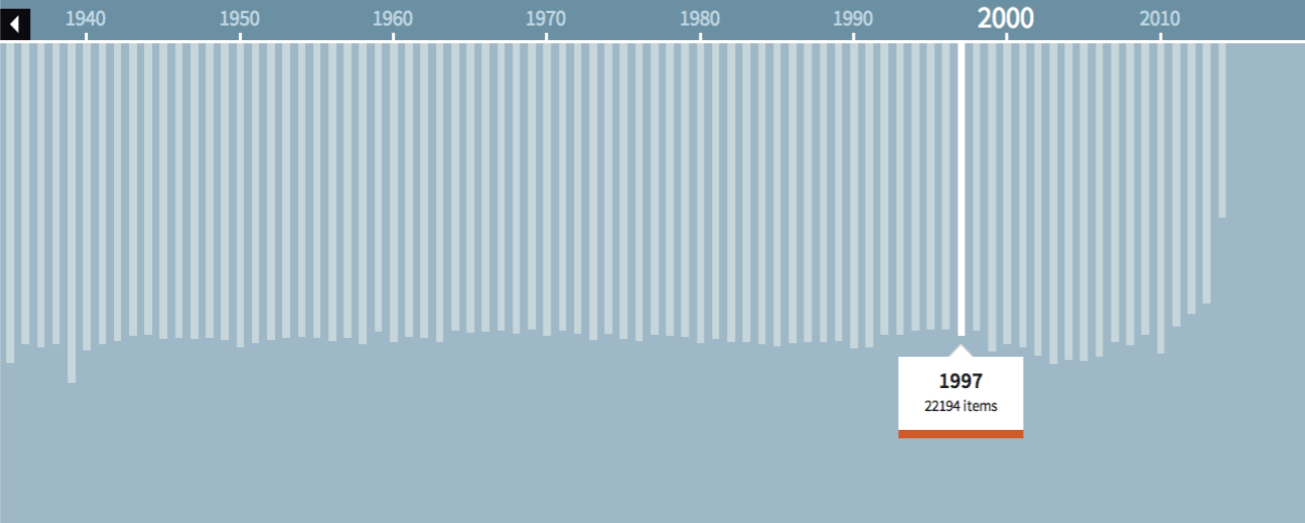
## Timeline

Your search returned 7,118,663 results. Only results with time data are shown below.

Show >



View: Decades



# EXPLORATION & ENGAGEMENT

## Bookshelf

Your search returned 1,713,577 results. Only book and periodical results are shown below.

Refine

Contributing Institution	
University of Michigan	346310
University of California	343236
New York Public Library	141964
Harvard University	127875
Princeton University	111620
<a href="#">More &gt;</a>	

Partner	
HathiTrust	1705858
The Portal to Texas History	5654
Digital Library of Georgia	1010
South Carolina Digital Library	776
University of Illinois at Urbana-Champaign	279

By Date	
From	

Sort by: Relevance

An act to continue and amend an act, made in the ninth year of His Majesty King George the Third, in the first year of His Majesty King George the Fourth, and in the first year of His Majesty King George the Fifth, in relation to the lands of Knockroe, and other lands in the county of Waterford, in His Majesty's Majesty, His heirs and successors, to the uses therein expressed, and for other purposes  
Ireland  
1740

Anno primo Victoriae Reginae. Cap. LXXXIV, An act to amend an act, made in the ninth year of His Majesty King George the Third, in the first year of His Majesty King George the Fourth, and in the first year of His Majesty King George the Fifth, in relation to the lands of Knockroe, and other lands in the county of Waterford, in His Majesty's Majesty, His heirs and successors, to the uses therein expressed, and for other purposes  
Great Britain  
1837

The answer of Henry Lord Viscount Melville to the fourth question put to him by the Committee of the House of Commons, on the 11th of June 1806, in relation to the lands of Knockroe, and other lands in the county of Waterford, in His Majesty's Majesty, His heirs and successors, to the uses therein expressed, and for other purposes  
Melville, Henry Dundas, Viscount, 1742-1811  
1806

An oration on the oppression of jailors, and on the necessity of a reformation in the laws relating to the punishment of debtors  
1731

An act for vesting the lands of Knockroe, and other lands in the county of Waterford, in His Majesty's Majesty, His heirs and successors, to the uses therein expressed, and for other purposes  
Ireland  
1784

Cato moralissimus  
1490

Unter zwey Streitenden siegt der Dritte  
1784

Signatures: 11D-11F<sup>2</sup>, Royal arms on t.p.; black letter.

Subjects: Crown lands--Law and legislation--Ireland--Waterford (County)--Early works to 1800, Confiscations--Ireland--Early works to 1800, Naturalization--Ireland--Early works to 1800, Ireland--Emigration and immigration--Early works to 1800, Geneva (Switzerland)--Emigration and immigration--Early works to 1800, Untrimmed edges (Binding)--Ireland--18th century

Related Images

## App Library

Share

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.

Become an App Developer

<b>Metadata Explorer</b> Dean Farrell Metadata Explorer is an attempt to explore national digital libraries, pan-national digital libraries and libraries in general, in a different, hopefully useful way. <a href="#">App Home Page &gt;</a>	<b>DPLA Item Flow</b> Dean Farrell A visualization showing the the flow of hubs into the DPLA. <a href="#">App Home Page &gt;</a>	<b>DPLA Partner Flow</b> Dean Farrell A visualization showing the flow of items into DPLA hubs from their content providers. <a href="#">App Home Page &gt;</a>
<b>DPLA Depositors Visualization</b> Dean Farrell Hover over an institution's wedge to see how many items it has contributed to DPLA. <a href="#">App Home Page &gt;</a>	<b>DPLA Bookshelf Language Visualization</b> Dean Farrell Visually browse books by language and view them on the DPLA Bookshelf. <a href="#">App Home Page &gt;</a>	<b>Term Frequency Map</b> Dean Farrell See how your search term(s) frequency changes through time in DPLA. <a href="#">App Home Page &gt;</a>

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**Session Hashtag: #acrldpla**







# 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



### 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 »](#)



### EBSCO Discovery Service and DPLA Highlights

EBSCO

Include content from the DPLA in your EBSCO Discovery Service (EDS) profile in the form of a widget on the right side of your screen.

[App Home Page »](#)

Explore  
by Date  
by Place



### 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 »](#)

**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)



Screenshot of the Digital Public Library of America (DPLA) GitHub repository page. The page shows the GitHub logo, a search bar, and the DPLA logo (DP LA). The text reads: "Digital Public Li", "DPLA brings together the riches of museums, and makes them freely a", "Boston, Massachusetts, U...", and "http://d".

Screenshot of the 'ebooks for libraries' website. The main text reads "ebooks for libraries" and "Reading is everyone's business." Below the main text are navigation links: "ABOUT", "YOU CAN HELP", "MORE INFO", and "CONTACT US".

- Rights Advocacy and Awareness

Screenshot of the unglue.it website. The logo is "unglue.it" with a magnifying glass icon. Below the logo is the text "unglue (v. t.) 2. To make a digital book free to re:". There is a horizontal line below the text.

- 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!



Statewide Collaboration on  
**Historic Digital Collections**





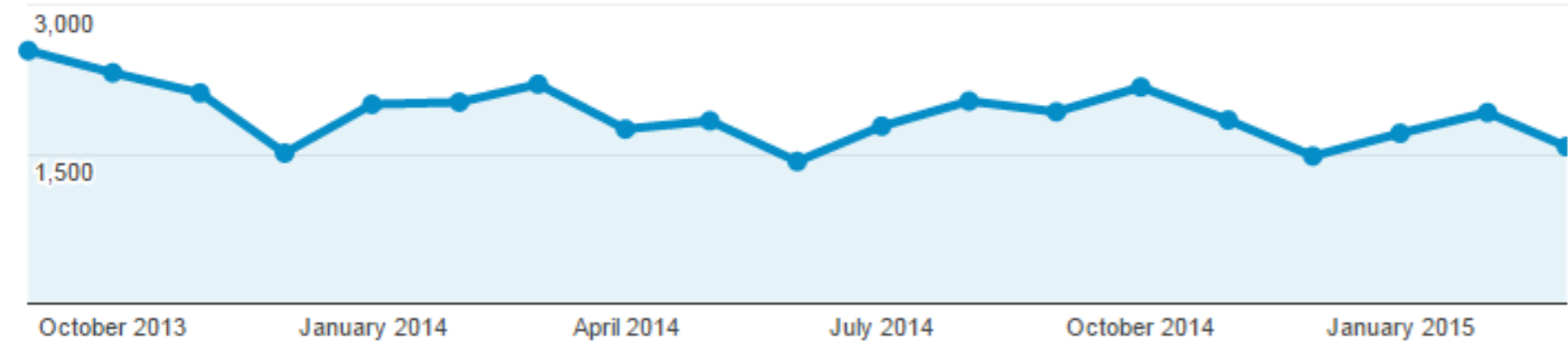
# WHY? DISCOVERABILITY

Overview

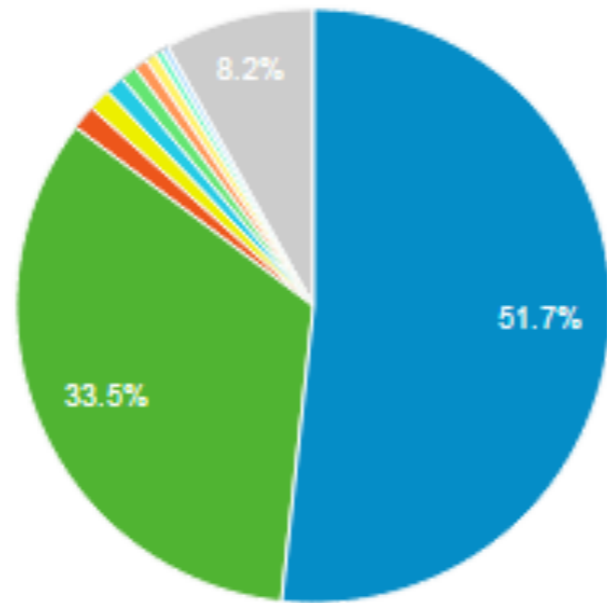
Sessions VS. Select a metric

Hourly Day Week Month

Sessions



1. google / organic
2. (direct) / (none)
3. bing / organic
4. yahoo / organic
5. facebook.com / referral
6. reddit.com / referral
7. pinterest.com / referral



➤ 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!

Sampling of Google Analytics for University of Scranton digital collections ([www.scranton.edu/library/digitalcollections](http://www.scranton.edu/library/digitalcollections)), from September 2013 - present

# WHY? REUNIFICATION

➤ DPLA platform can **digitally reunite** physically fragmented collections.

THE NEW YORK PUBLIC LIBRARY  
DIGITAL COLLECTIONS

Search keyword(s) [Q] Browse ▾

Collections > Horace Grant Healey penmanship collection

HORACE GRANT HEALEY PENMANSHIP COLLECTION

Navigation About Filters

Horace Grant Healey penmanship collection

- Scrapbook A 1
- Scrapbooks C-K 1

2 results found

Sort by: ▲ Title ▼ Date created ▼ Date digitized ▲ Sequence

Davenport Business College ... [Feathers]

Horace Grant Healey Penmanship Collection, New York Public Library - <http://archives.nysl.org/mss/I366>

Zaner-Bloser

THE ZANER-BLOSER PENMANSHIP COLLECTION  
AT THE UNIVERSITY OF SCRANTON  
WEINBERG MEMORIAL LIBRARY

Home About the Collection Books and Manuals Journals Press Store Contact Log in ? Help

Search [Search] Advanced Search

Thumbnail	Title	Penman	Date Created	Description
	Christmas wishes	Healey, Horace G. (1867-1938)		Christmas wishes by penman Horace G. Healey, undated.
	Horace G. Healey signature	Healey, Horace G. (1867-1938);		Horace G. Healey signature

Horace G. Healey Collection, Zaner-Bloser Penmanship Collection, University of Scranton - [www.scranton.edu/library/zanerbloser](http://www.scranton.edu/library/zanerbloser)

# WHY? INFORMATION LITERACY



The Miriam and Ira D. Wallach Division of Art, Prints and Photographs: Photography Collection, The New York Public Library. "Conveyor line for carrying bird's-eye coal to bin, Scranton, Pa., U.S.A." *The New York Public Library Digital Collections*. 1905. <http://digitalcollections.nypl.org/items/510d47e0-a794-a3d9-e040-e00a18064a99>

- **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

“Show all records...”

where title is e.g. Divina Commedia

+ add another field

dated before e.g. 1321

+ add temporal constraint

with a location of e.g. Italy

sorted by date

Show results Clear constraints Show 75 results per page

Library Observatory Tree Graph, by metaLAB - <http://www.libraryobservatory.org/>

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

**Visualize your query**

Drag search constraints from the menu on the right to the sandbox on the left. Then, customize the constraints and submit your query once you've finished.

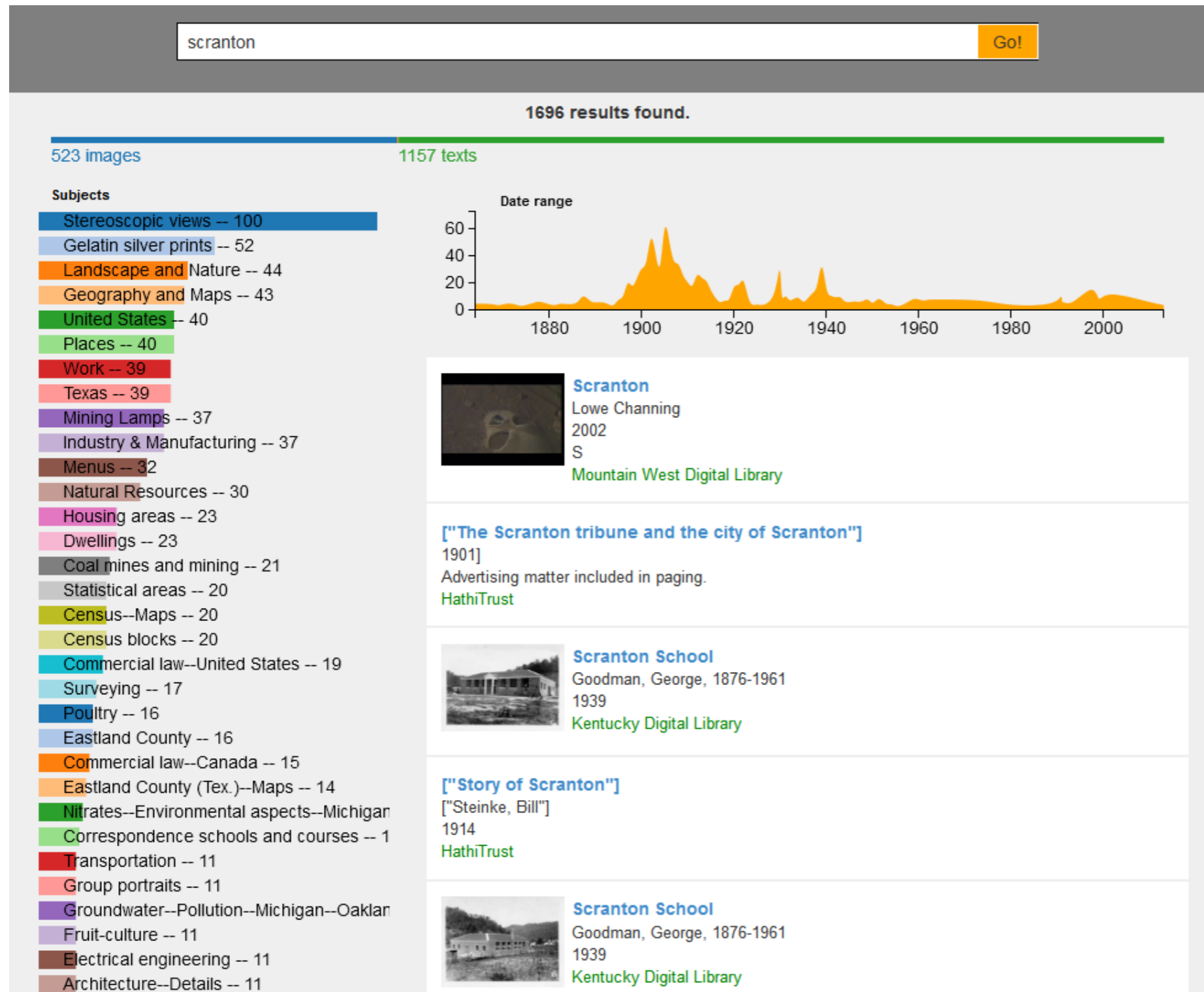
Drag constraints here.

**Constraint Menu**

- Field constraint
- Temporal constraint
- Location constraint
- Sort-by constraint



# WHY? CONTEXTUALIZATION



- DPLA API fosters exploration with **new modes** of search and discovery.
- Users can see and compare items and metadata in and across **different contexts**.



# WHY? DISSEMINATION



- 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



**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](http://imagesearchnew.library.illinois.edu/cdm/ref/collection/ALA/id/157)

- **PEOPLE HELP MAKE DPLA WORK**
- **Librarians have great networks**

# DPLA & ACRL LIBRARIANS



**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](http://research.archives.gov/description/6436819)

➤ **PROFESSIONAL DEVELOPMENT**

➤ **Librarians master each-one, teach-one**



# DPLA & ACRL LIBRARIANS

Digital Public Libraries of America (DPLA)

Event Details Registrations Cancelled Email Attendees Create Event Button

**Title:** Digital Public Libraries of America (DPLA)

**Description:** As we approach the two-year mark for Digital Public Library of America ([dp.la](http://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

**Center for Teaching And Learning**

**Student Development**

**Digital Humanities Group**

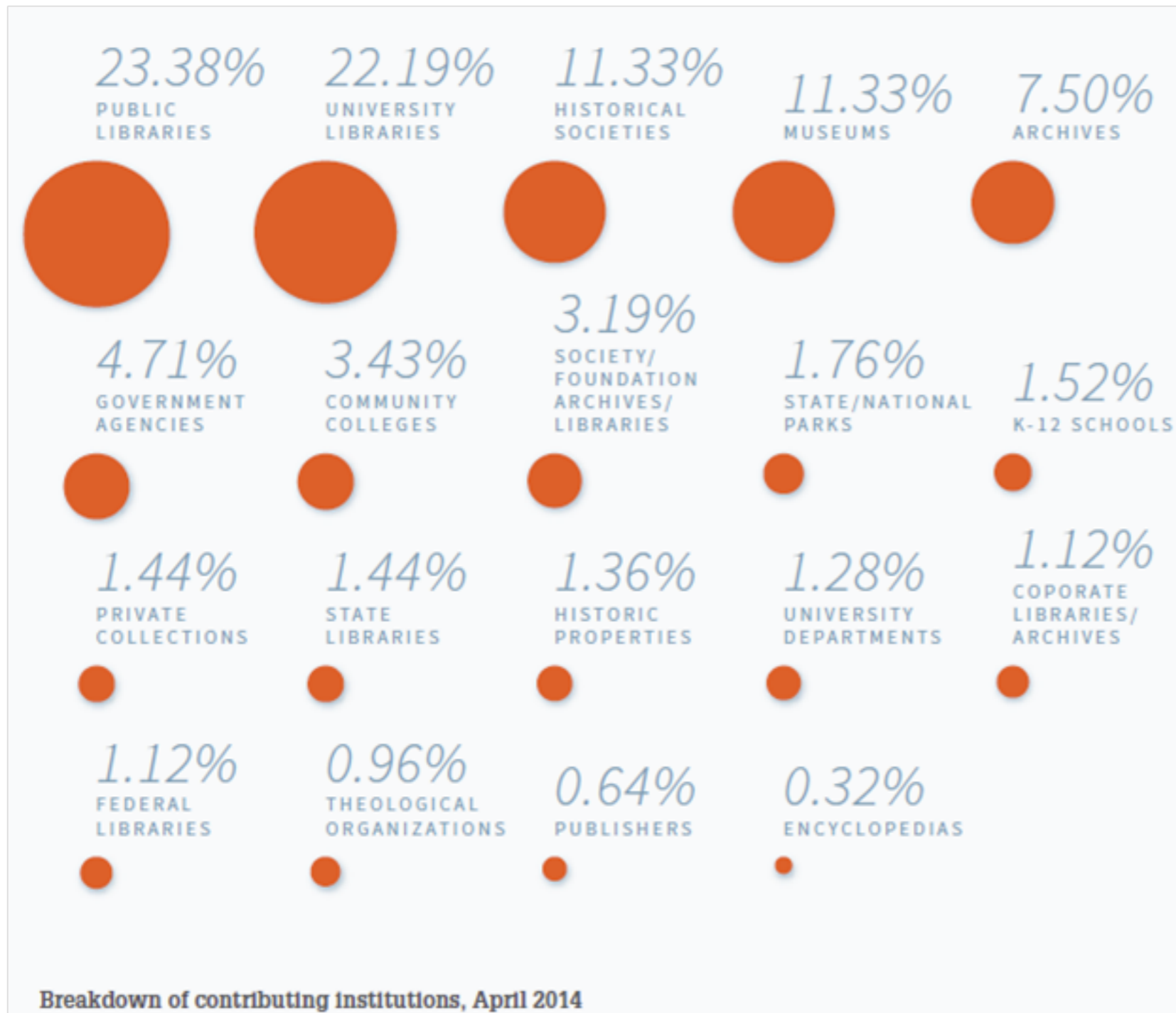
**Online Learning**

**Open Educational Resources**

➤ **COLLABORATION: University**

➤ **Librarians part of Campus Interest Groups**

# DPLA & ACRL LIBRARIANS



## 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**



# DPLA & ACRL LIBRARIANS



**Citing**

**Copyright status**

**Orphan Works**

**UnGlue.it**

**APIs**

**Exhibits**

**“Share” lists**

**DPLA Diamonds**

**Assessment/USE**

➤ **SCHOLARLY COMMUNICATION:**

➤ **Great tool for talking about IL & ICT Literacy**

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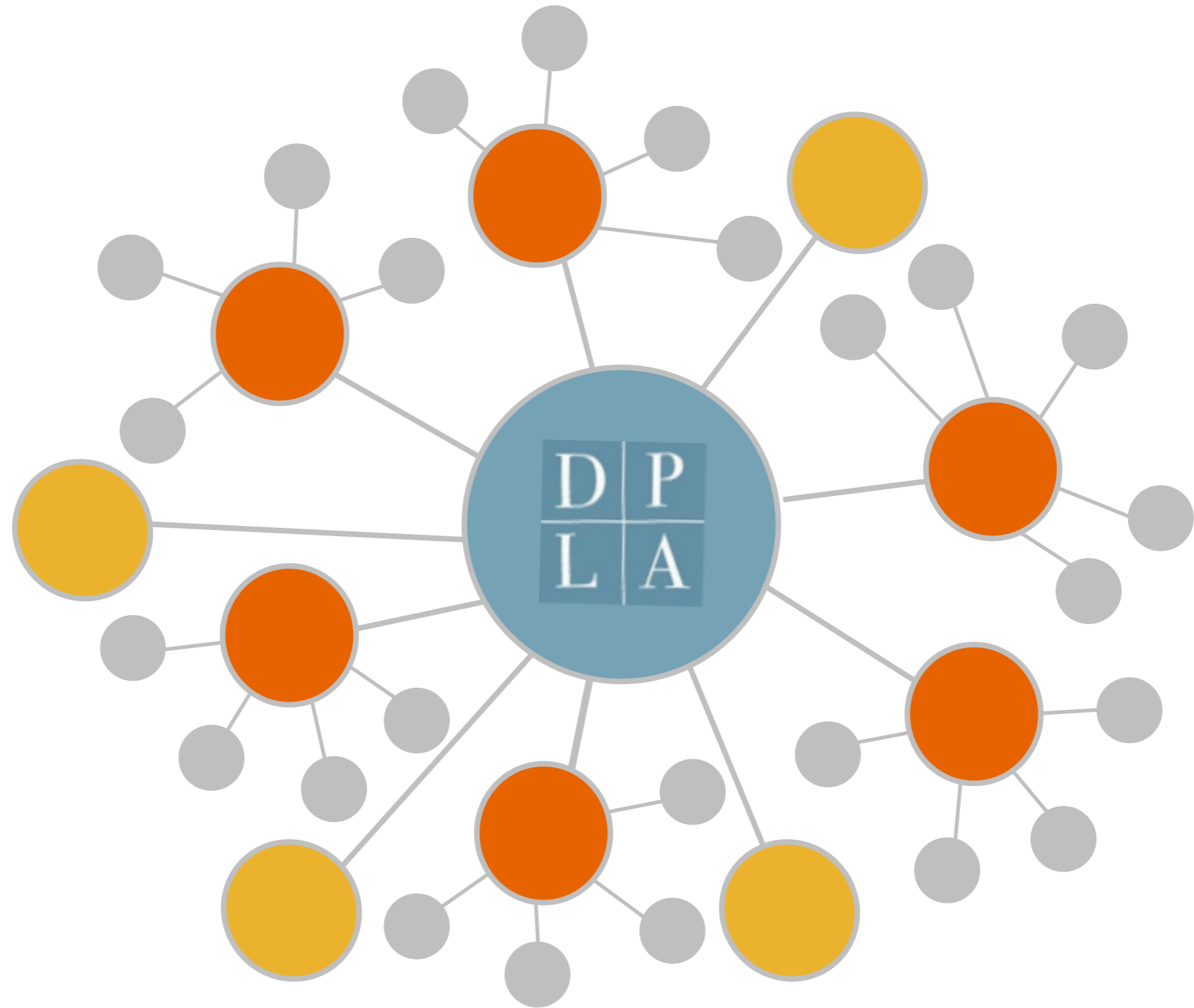


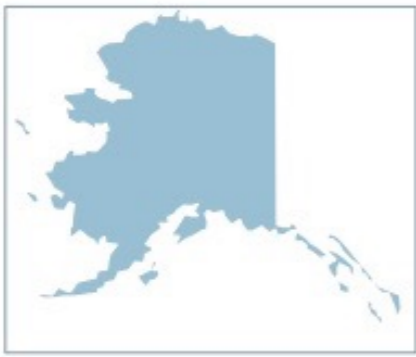
# Community

DPLA is all of us.

- DPLA Hubs
- DPLA Community Reps
- Developers
- Webinar or Open Call Participants
- Interested Cultural Heritage professionals
- OPEN GLAMers

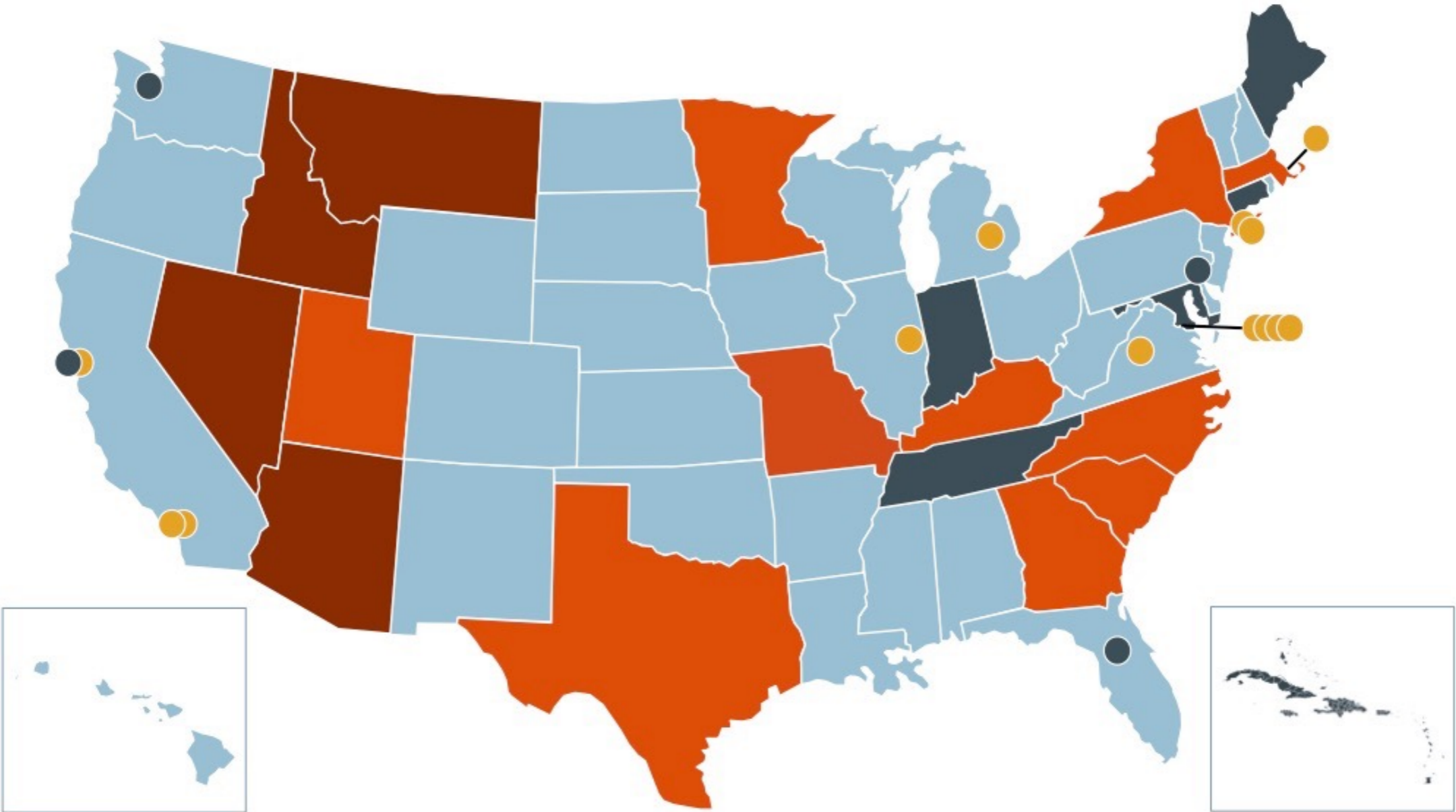






# DPLA Hubs locations

- Service Hubs
- Service Hub partner states
- Content Hubs
- Hubs in active development



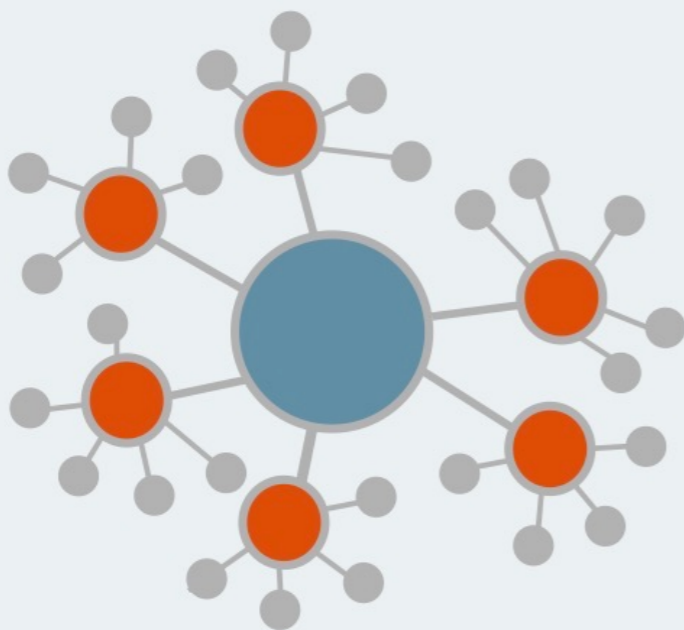
Community: Hubs

Content & Service Hubs



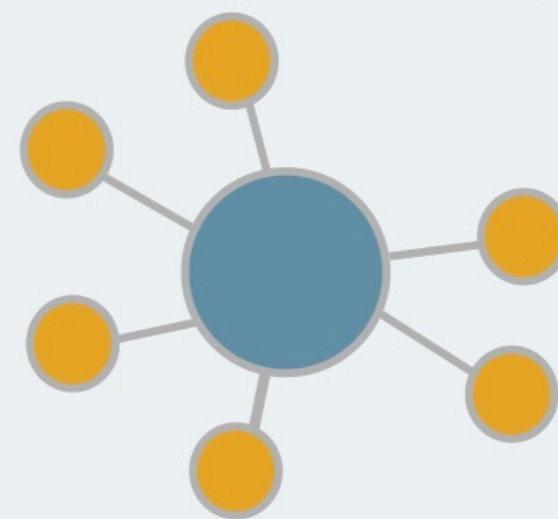
## Service Hubs

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

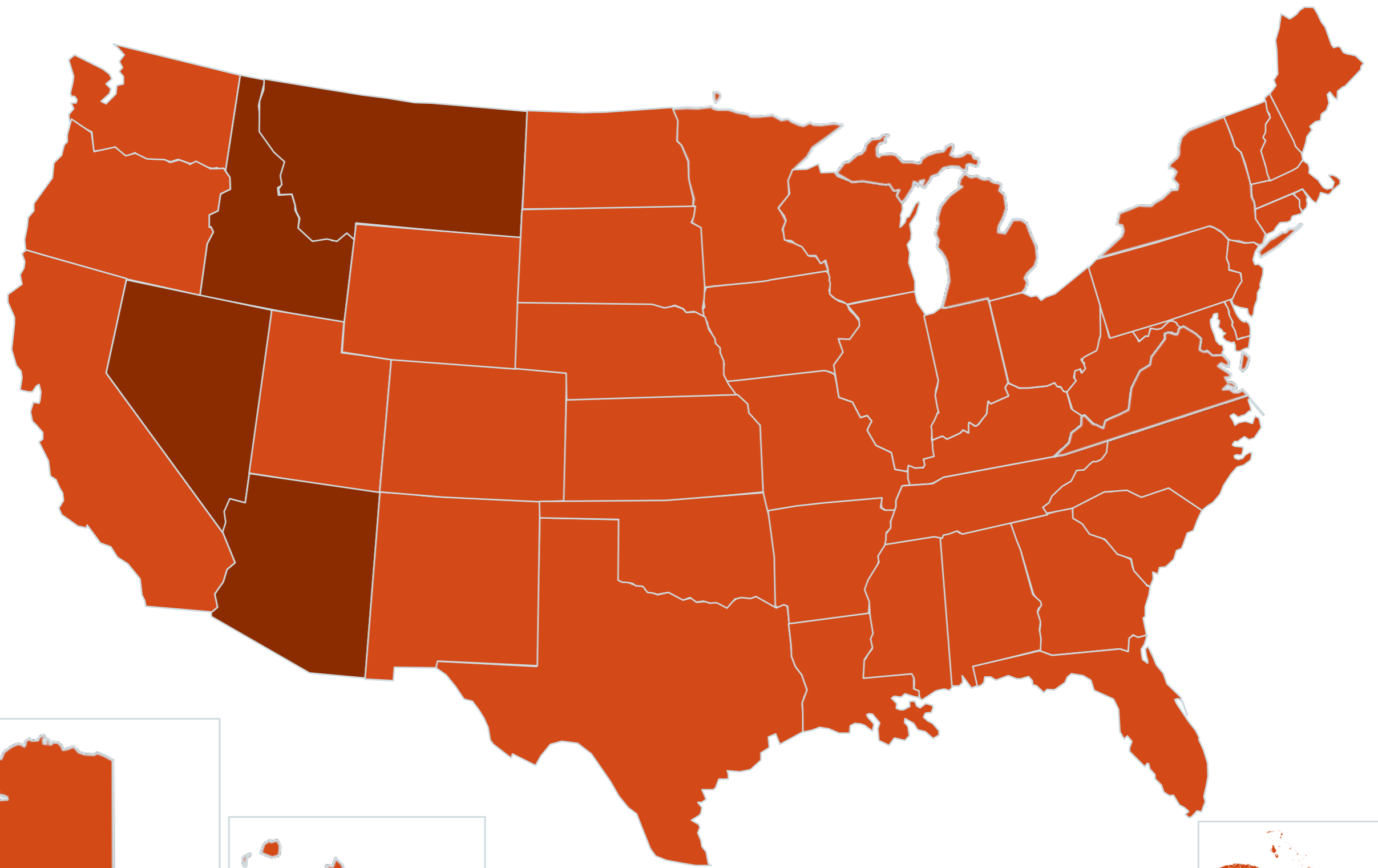
US Government Printing Office (GPO)  
University of IL at Urbana-Champaign  
National Archives & Records Admin.  
University of Southern California  
Biodiversity Heritage Library  
The New York Public Library  
Harvard University Library  
Smithsonian Institution  
University of Virginia  
J. Paul Getty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



## Current Hub Math

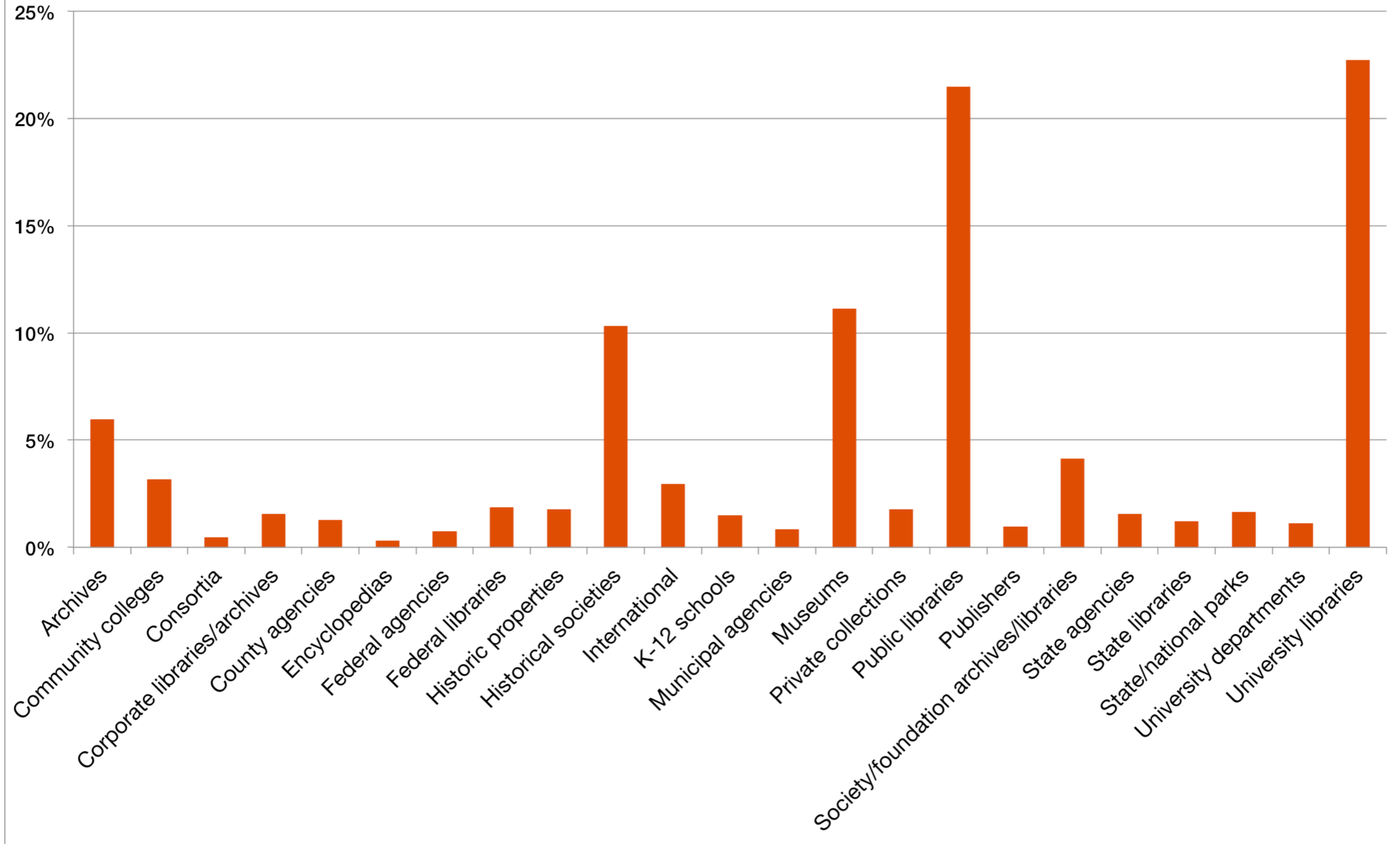
$$\begin{array}{r} 13 \text{ Content Hubs} \\ + \quad 9 \text{ Service Hubs} \\ \hline 1,350 \text{ Partners} \end{array}$$

**Soon to be 15 Content Hubs & 15 Service Hubs and  
1500+ partners**





# Contributors by institution type



# 26,000 Different Rights Statements

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{Visualization by Dean Farrell}



# 'Getting It Right on Rights'



**Dan Cohen**  
@DANCOHEN



**Emily Gore**  
@NCSCHISTORY

WINNER

**Digital Public  
Library  
of America**

@DPLA

Standardization of Rights  
Statements

Enabling Reuse




DPLA

hack!

Community: Developers

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.

Become an App Developer



**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 »](#)



**DPLA bot**  
Mark Sample

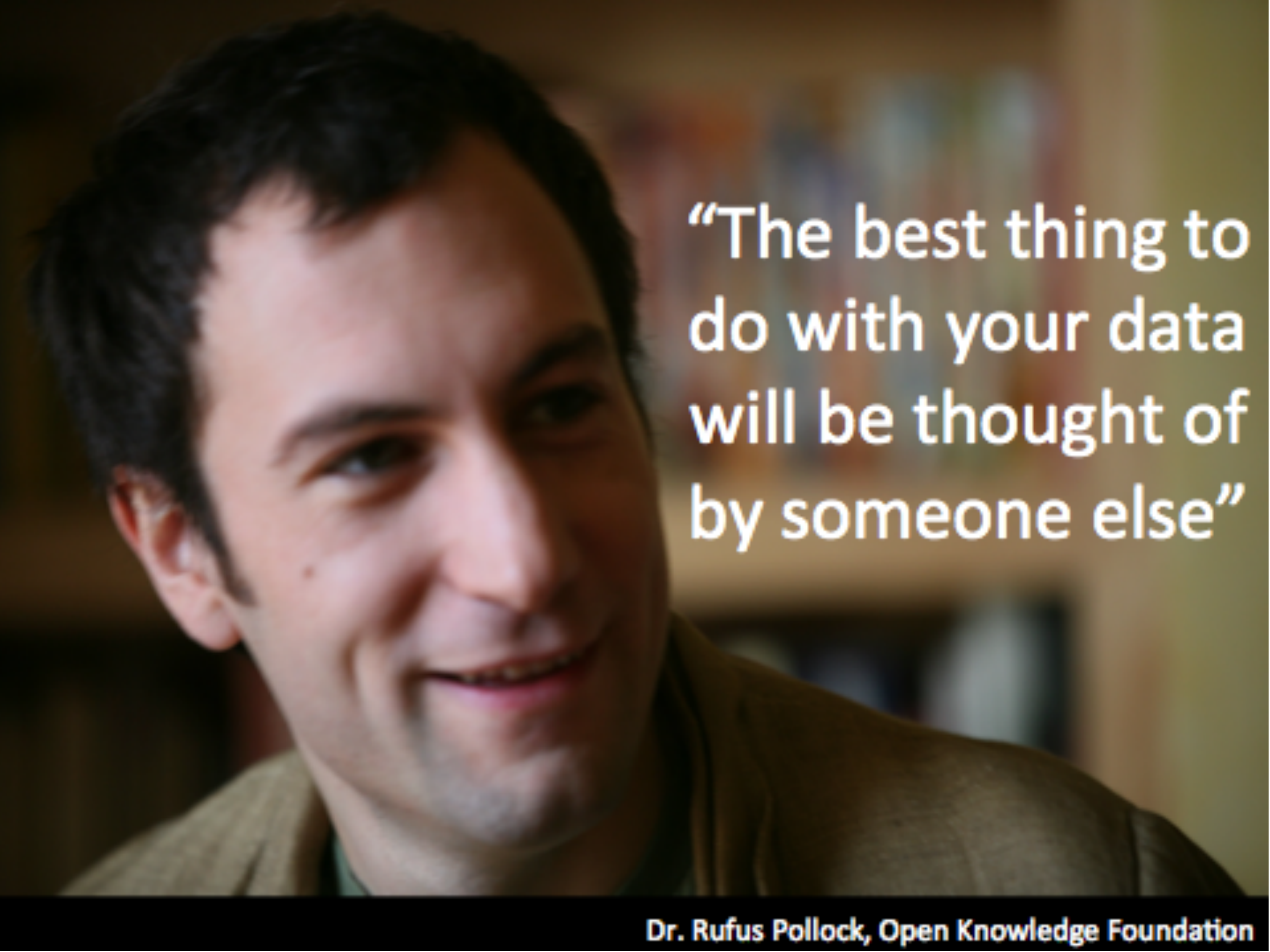
@DPLA bot is a Twitter bot that tweets links to random items located in the vast collections of the Digital Public Library of America (DPLA).

[App Home Page »](#)

Platform

Sample apps from DPLA App Library



A close-up portrait of Dr. Rufus Pollock, a man with dark hair and a slight smile, wearing a light-colored jacket. The background is blurred. The quote is overlaid on the right side of the image.

“The best thing to do with your data will be thought of by someone else”

Dr. Rufus Pollock, Open Knowledge Foundation



**INDIANAPOLIS**  
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2015

# DPLA FEST

D | P | L | A  
DIGITAL PUBLIC LIBRARY OF AMERICA

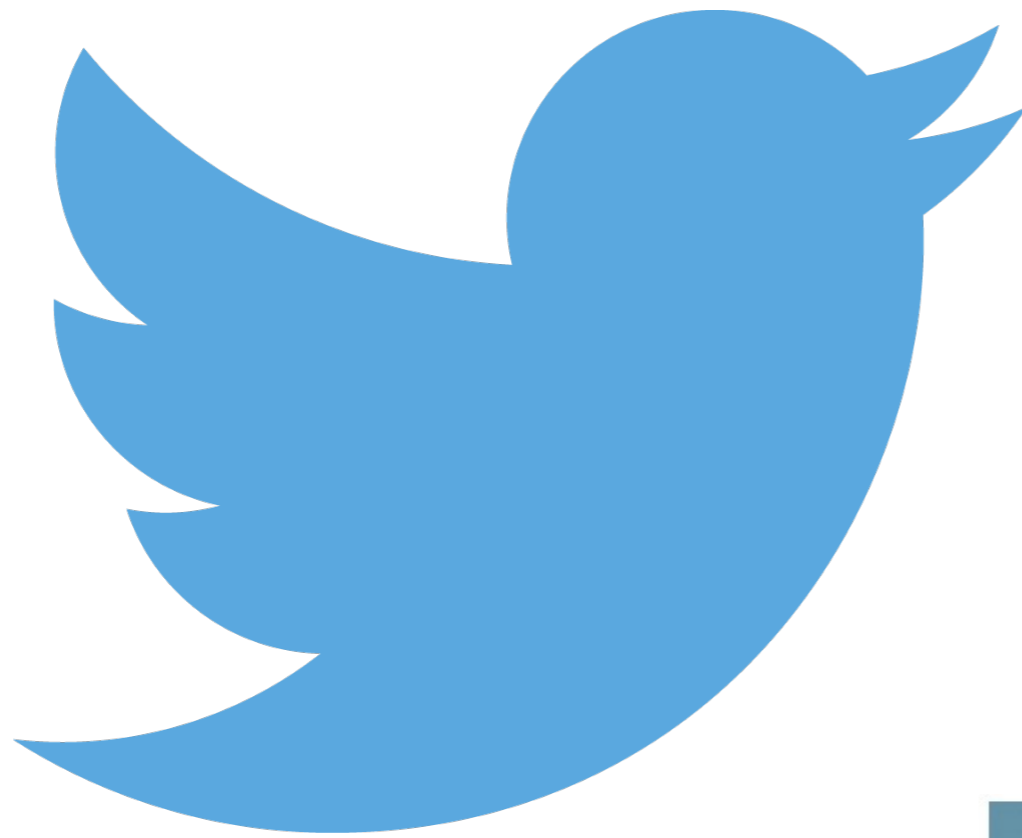


A Venn diagram consisting of three overlapping circles. The left circle is orange and contains the word 'ME'. The right circle is teal and contains the word 'YOU'. The two circles overlap in the center, and a third, smaller brown circle overlaps the intersection of the orange and teal circles, containing the word 'US'. The text is written in a white, hand-drawn, sans-serif font.

ME

US

YOU



@dpla

<http://dp.la>



This presentation =

