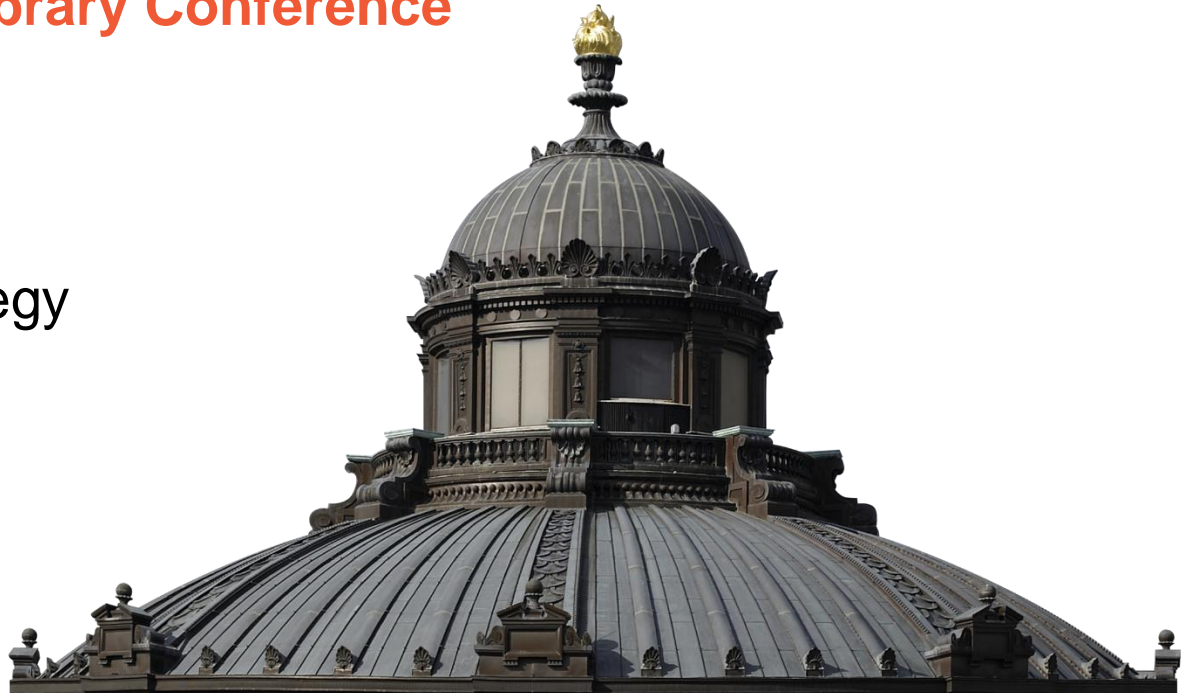


---

# Digital Strategy at the Library of Congress

Federal Depository Library Conference  
2018

**Kate Zwaard**  
Director of Digital Strategy  
@LC\_Labs  
digitalstrategy@loc.gov



# U.S. Government Printing Office

**ACCESS**  
official, full-text,  
Federal information  
from your computer

**LOCATE**  
publications in a  
Federal depository  
library near you

**PURCHASE**  
publications from  
the U.S. GPO  
Online

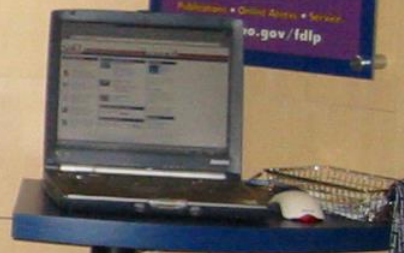
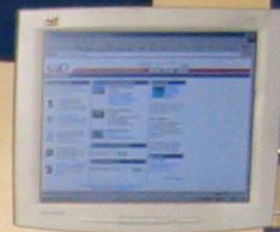
Solve  
Federal  
Government  
Information  
www.gpo.gov

**GPO  
Access**  
Official information from  
all agencies, from the public  
and depository libraries  
Full-Text Databases  
Free Historical Public Access  
Current and Historical Information  
Links to All Federal Agency Web Sites  
http://www.gpo.gov/access

Make the Connection at a  
Federal Depository Library



Publications • Online Access • Services  
www.gpo.gov/fdlp









# Administrative Notes

Newsletter of the Federal Depository Library Program

Vol. 24, no. 06

GP 3.16/3-2:24/06

May 15, 2003

## Register Your OPAC Domain to Get Data on GPO Access Traffic

If your library would like to be able to obtain statistical data on the number of hits to *GPO Access* PURLs from your library OPAC, you may now register domains with the Office of Electronic Information Dissemination Services (EIDS). With domains recorded, EIDS will be able to report on traffic originating from those domains.

A special form for registering domains has been added at the bottom of the Depository Library Directory Update form <[www.access.gpo.gov/su\\_docs/fdlp/tools/ldirect.html](http://www.access.gpo.gov/su_docs/fdlp/tools/ldirect.html)>. Please note that this is a separate form and will be sent directly to EIDS.

Once enough responses have been received, reports will be compiled monthly. These reports will be available with other referral statistics at <[fedbbs.access.gpo.gov/referral.htm](http://fedbbs.access.gpo.gov/referral.htm)>.

Registering your domain is completely voluntary, and the information will be used only for the purposes of providing you with statistical information.

If you need assistance in determining what information to submit, contact Kate Villano, <[kvillano@gpo.gov](mailto:kvillano@gpo.gov)>.

**Document Change Control Sheet**

<b>Date</b>	<b>Filename/version #</b>	<b>Author</b>	<b>Revision Description</b>
08/24/2005	<i>Releases and Capabilities, v1.0</i>	FDsys team	First Draft for P&S review
08/30/2005	<i>Releases and Capabilities, v1.1</i>	Gil Baldwin	Version with matrix corrections
09/09/2005	<i>Releases and Capabilities, v2.0</i>	Mike Wash	Added Change / Configuration Chart
09/28/2005	<i>Releases and Capabilities, v2.0</i>	Lisa LaPlant	Changed Version Control per Comments from the Team Review of the Draft Version Control Specification.
03/31/2006	<i>Releases and Capabilities v3.0</i>	Gil Baldwin	Revision to Complement RD 2.0
04/03/2006	<i>Releases and Capabilities v3.0</i>	Kate Villano	Formatting
11/20/2006	<i>Releases and Capabilities v4.0</i>	Isaac Jones	<i>Revision to Complement RD 3.0</i>
11/29/2006	<i>Releases and Capabilities v4.0</i>	Isaac Jones	<i>Updates from first review of v4.0 draft</i>

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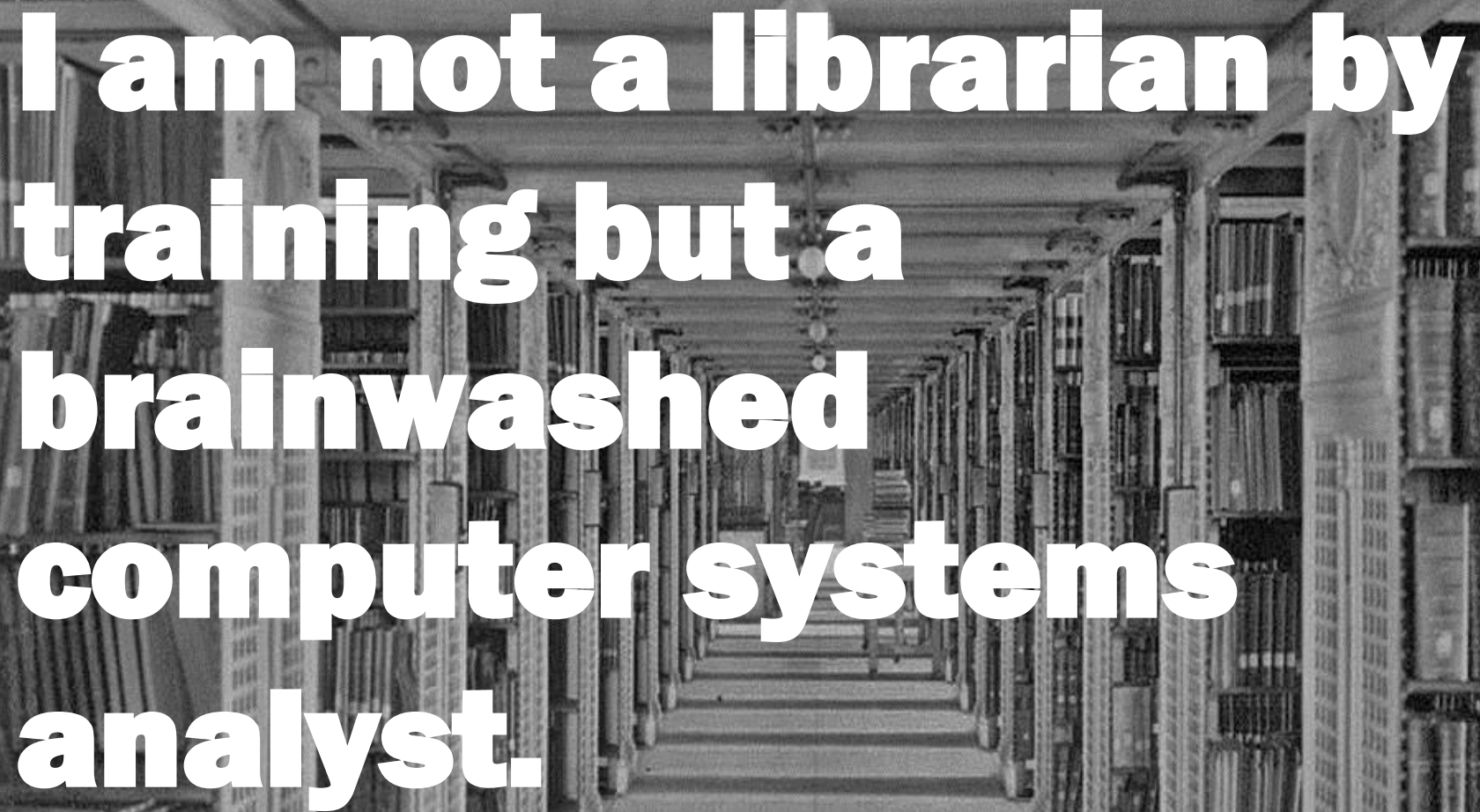
# U.S. Government Printing Office

## Packaging and Metadata

PREMIS Implementers Panel

Library of Congress

June 13, 2007



**I am not a librarian by  
training but a  
brainwashed  
computer systems  
analyst.**

**—Avram**





**Dig-Rep Czarina**

Kate Zwaard

# Librarian of Congress Announces New Director of Digital Strategy

**Press Contact:** Benny Seda-Galarza (202) 707-8732

Librarian of Congress Carla Hayden today announced that she has appointed Kate Zwaard as the Library's director of digital strategy, a position Hayden established to elevate the institution's digital planning and drive envisioning and collaboration around digital initiatives.

"When I think of the resources of the Library of Congress, married with the capabilities of today's technology, the possibilities are almost limitless," Hayden said. "This new role will drive the internal conversations and collaboration that will improve our ability to conduct traditional work efficiently and effectively and lead to whole new ways for users to experience the Library. We are thinking big."

Zwaard previously was chief of the National Digital Initiatives division, where she established [Library Labs](#) and the new [innovator-in-residence program](#), among other projects. She will continue to oversee those





# DEPOSITORY LIBRARY

THIS LIBRARY IS A CONGRESSIONALLY DESIGNATED  
DEPOSITORY FOR U.S. GOVERNMENT DOCUMENTS.  
PUBLIC ACCESS TO THE GOVERNMENT DOCUMENTS  
COLLECTION IS GUARANTEED BY PUBLIC LAW.  
(TITLE 44 UNITED STATES CODE)



# Digital Strategy for the Library of Congress



**We will throw open the treasure chest**

**We will connect**

**We will invest in our future**



# We will throw open our treasure chest



- Exponentially grow our collections**
- Maximize the use of content**
- Support emerging styles of research**



# We will connect



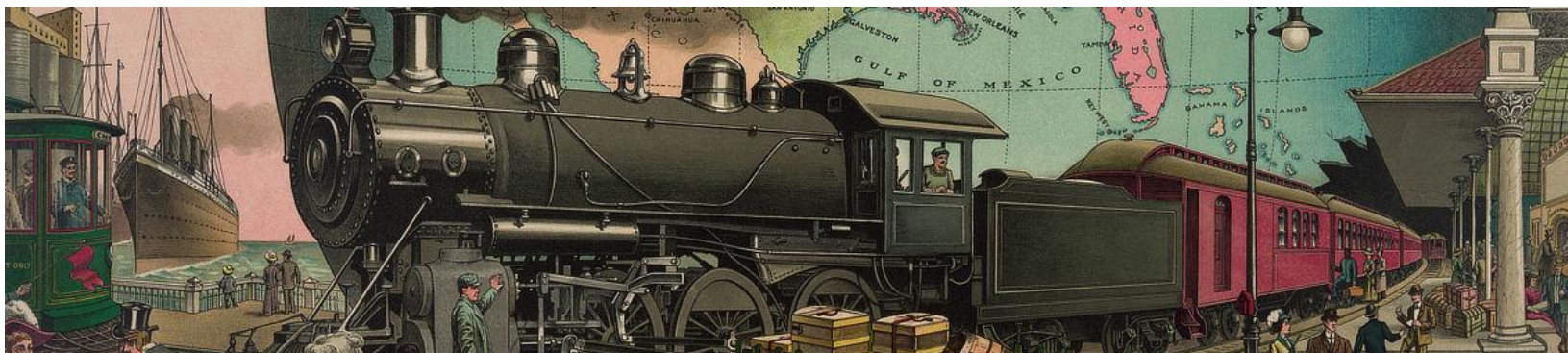
**Inspire a lifelong relationship with every visit**

**Bring the Library to our users**

**Welcome other voices**

**Drive momentum in our communities**

# We will invest in our future



**Cultivate an innovation culture**  
**Ensure enduring access to content**  
**Build toward the horizon**



# Welcome to Labs!

A place to encourage innovation with Library of Congress digital collections.



## Experiments

Check out tools, art, applications, and visualizations we've made with our collections.



## LC for Robots

Find APIs, bulk downloads, and tutorials for the Library's digital collections.

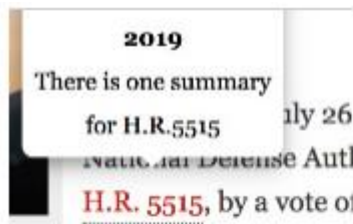


## Events

See what's coming up, and read about past events.



# Experiments



Congress.gov Browser Extension



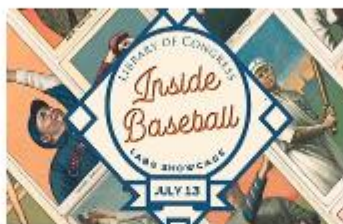
Digital Scholarship



Political Cartoon Visualizer



Free to Use Browser Extension



Mapping an American Pastime



Beyond Words



Congressional Data Challenge



Innovator-in-Residence Jer Thorp



Library of Congress Colors



Photo Roulette



Southern Mosaic



RSHGG Lab

# Three kinds of experiments

1. Explore an affordance
2. Test a hypothesis -  
try something new
3. Learn how an established  
idea works in our context

Explore an affordance



# LC for Robots

## Bulk data downloads

Congress.gov

MARC records

Historic newspapers: OCR, images & metadata

## APIs

Collections on loc.gov - JSON

Historic newspapers (Chronicling America)

AAPB

WDL

## Tutorials & guides

Using the LOC.GOV JSON API

download images

extract locations

Using the API for historic newspapers

OpenSearch on loc.gov



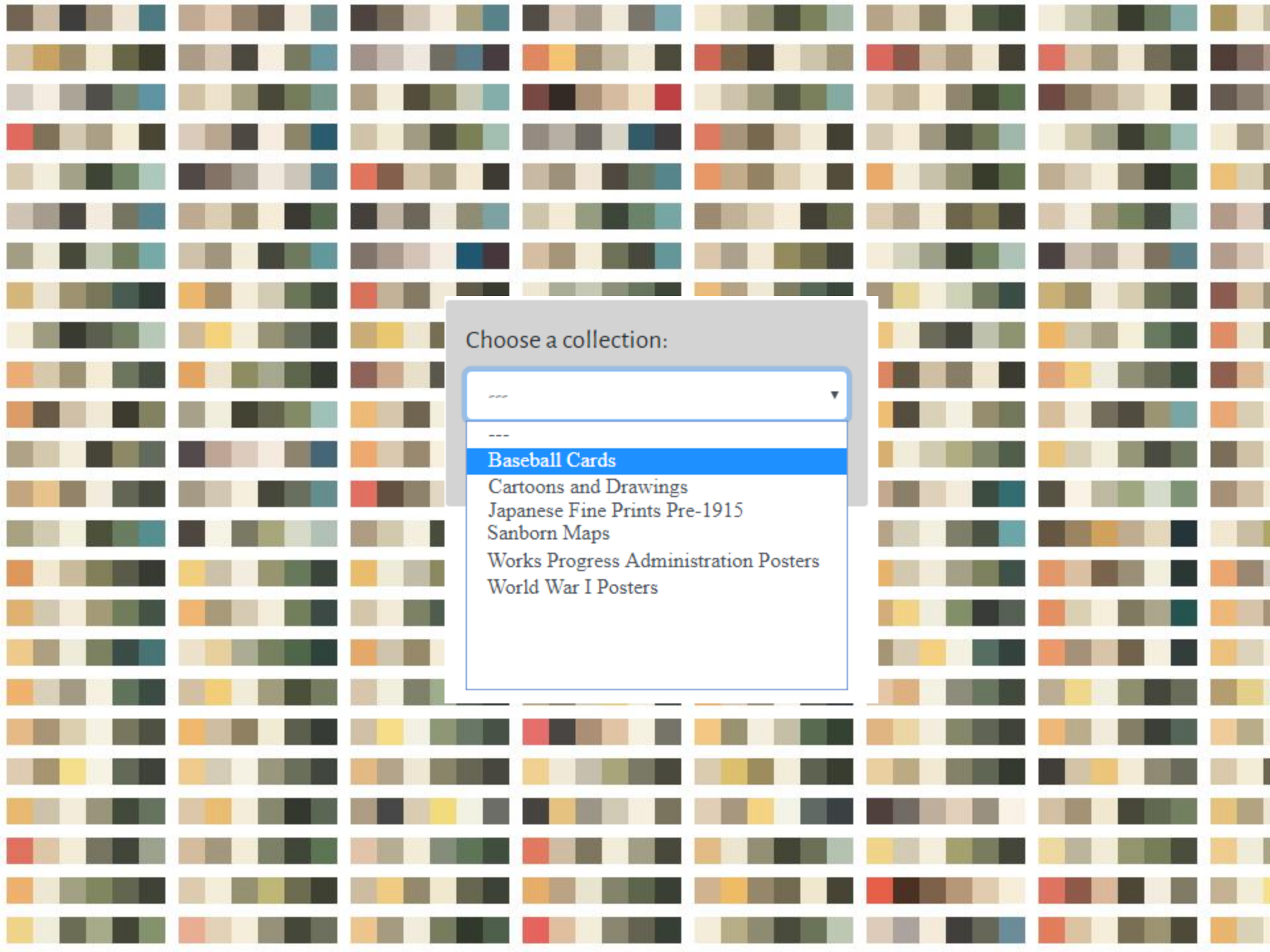
Unboxing the Library:  
Introduction to APIs

Unboxing the Library:  
Introduction to APIs

# Library of Colors







Choose a collection:

---

---

**Baseball Cards**

Cartoons and Drawings

Japanese Fine Prints Pre-1915

Sanborn Maps

Works Progress Administration Posters

World War I Posters



BOSTON







# Innovator in Residence

Visuals

1819 items



397: [George Washington and cherry tree] [graphic].

A Library of Color

What is this?

Dear Reader,

Let's you and I walk through the endless stacks of the Library, collecting books. We'll pick out 1,849 of them published in or around **1800**. Let's put them in one big pile, and then we'll close our eyes and choose twenty of them. Now let's write down the names of their authors:

Arthur, William, Christoph, George,  
another Christoph, David, Thomas, Georg, Luigi,  
Richard, another Thomas, Karl, another William,  
Henry, another Henry, Johann, Robert,  
another Richard, Anthony, and Leonard.

Who are these people? Can you picture their faces? Do you know how they spoke, how they dressed, how they thought? You can change the year by clicking on it, and explore how these people change in the data (and in your mind) over time.

Sincerely,

Jer

Dear Reader,

Let's you and I walk through the endless stacks of the Library, collecting books. We'll pick out 105,608 of them published in or around **2010**. Let's put them in one big pile, and then we'll close our eyes and choose twenty of them. Now let's write down the names of their authors:

Andrea, Jim, Jill, Frances, Enrico, Laurent, James, Maria, Joanna, Alessandro, Robert, Paul, Caroline, Manuel, Jeff, Fernand, Chris, Jan, Richard, and Pamela.

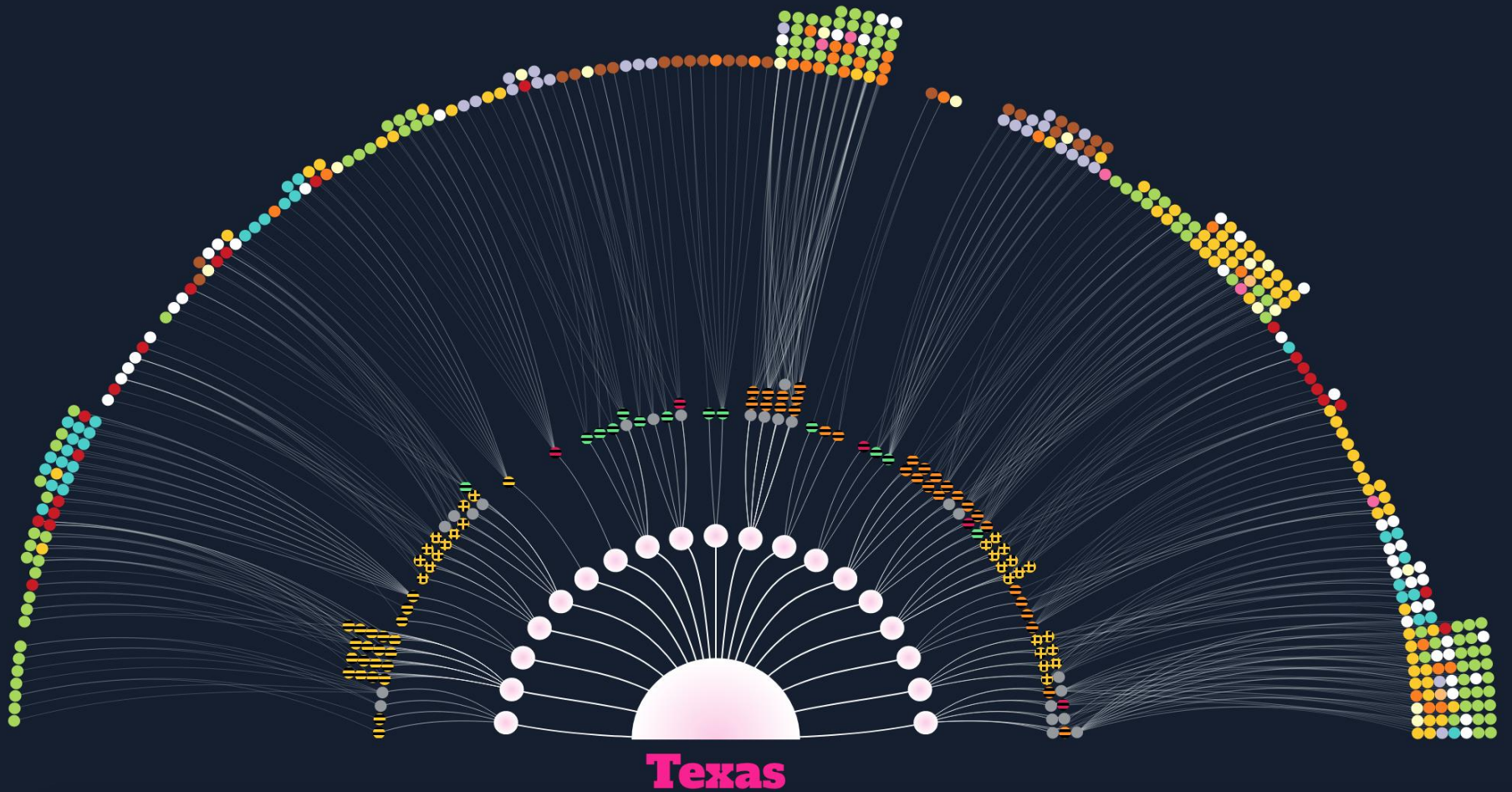
Who are these people? Can you picture their faces? Do you know how they spoke, how they dressed, how they thought? You can change the year by clicking on it, and explore how these people change in the data (and in your mind) over time.

Sincerely,

Jer



# Southern Mosaic



# Free to use browser extension



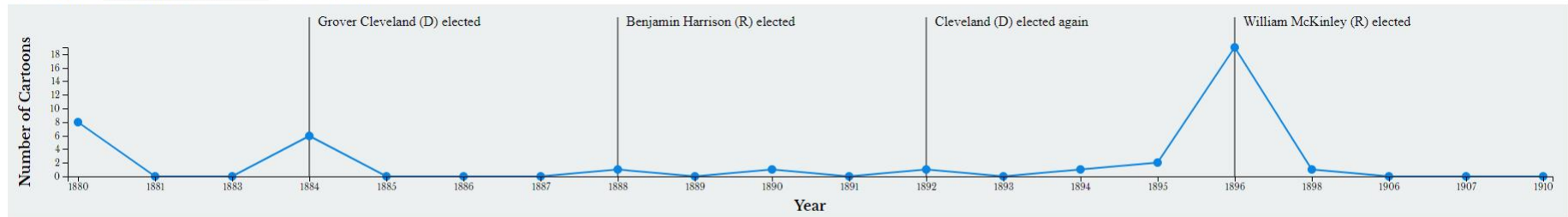
Suffragists in parade | 1910





# Late 1800s Political Cartoons

Select topics:   Scale results.\*



\* Certain years are overrepresented within the LoC's collection. This option scales the graph by the original dataset, to account for these intrinsic inequalities. However, because certain years will have very few cartoons, this feature MAY SKEW RESULTS.

Related Topics (ranked by concurrence): [Mckinley, William \(15\)](#), [Reed, Thomas \(8\)](#), [Democratic Party \(8\)](#), [Cleveland, Grover \(8\)](#), [Uncle Sam \(7\)](#), [Quay, Matthew Stanley \(7\)](#), [Republican Party \(7\)](#), [Allison, William \(5\)](#), [William Boyd \(5\)](#), [Blaine, James Gillispie \(5\)](#), [Free Trade & Protection \(5\)](#), [Washington, George \(5\)](#)

Images with the Subject "Presidential Elections":

Choose year:

<a href="#">View on loc.gov</a>	<a href="#">View on loc.gov</a>	<a href="#">View on loc.gov</a>	<a href="#">View on loc.gov</a>	<a href="#">View on loc.gov</a>	<a href="#">View on loc.gov</a>	<a href="#">View on loc.gov</a>



# CONGRESSIONAL DATA CHALLENGE

Use Congressional data to create something that helps the public understand Congress and legislation in a new way. Things you could make:



Interactive  
visualizations



Website



Mobile or desktop  
applications



Other digital  
creation

DEADLINE FOR ENTRIES

**APRIL 2, 2018**

MORE INFORMATION

[labs.loc.gov/experiments/congressionalchallenge](http://labs.loc.gov/experiments/congressionalchallenge)

FIRST PRIZE

**\$5,000**

BEST FROM HIGH SCHOOL

**\$1,000**

# Congressional Data Challenge

Each circle represents a treaty signed by the U.S. Hover over a circle to see more details or click it to visit the treaty document page. To view treaties signed with individual countries, select or type the name of the country in the dropdown menu below. To see bilateral treaties (signed with one other country), type or select **Bilateral** in the menu. To see treaties signed with multiple countries or international organizations, type or select **Multilateral**, **International Organizations**, **Other** in the menu. To see all treaties type or select **All** in the menu.



## Members by Interest

About Members by Interest

Chamber and years:   th Congress  
 All Members by Policy Area or Subject | View Interests for single Member  
 Subject type:

Choose a Policy Area:

### Members of the 113th House of Representatives sorted by 'Agriculture and Food'

Share this search: [Link](#)

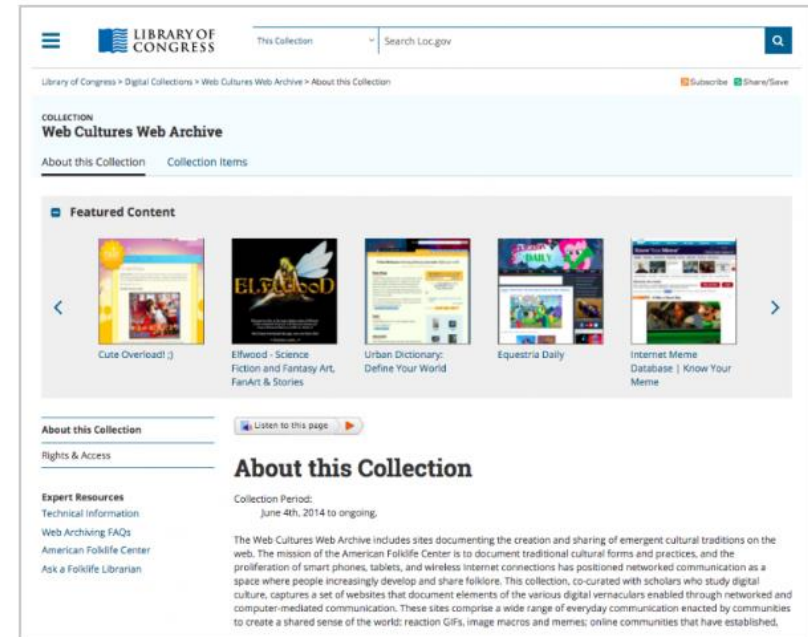
Rep. Pingree, Chellie [D-ME-1] Sponsored: 1 Cosponsored: 19	Rep. Conyers, John, Jr. [D-MI-14] Sponsored: 3 Cosponsored: 13	Rep. Welch, Peter [D-VT-At Large] Sponsored: 4 Cosponsored: 10	Rep. McGovern, James P. [D-MA-2] Sponsored: 1 Cosponsored: 18
Rep. Blumenauer, Earl [D-OR-3] Sponsored: 1 Cosponsored: 17	Rep. DelBene, Suzan K. [D-WA-1] Sponsored: 2 Cosponsored: 12	Rep. Kuster, Ann M. [D-NH-2] Sponsored: 0 Cosponsored: 18	Rep. DeFazio, Peter A. [D-OR-4] Sponsored: 0 Cosponsored: 17
Rep. Shea-Porter, Carol [D-NH-1] Sponsored: 0 Cosponsored: 17	Rep. Huffman, Jared [D-CA-2] Sponsored: 0 Cosponsored: 17	Rep. Kaptur, Marcy [D-OH-9] Sponsored: 3 Cosponsored: 8	Rep. Speier, Jackie [D-CA-14] Sponsored: 2 Cosponsored: 10
Rep. Lee, Barbara [D-CA-13] Sponsored: 0 Cosponsored: 16	Rep. Courtney, Joe [D-CT-2] Sponsored: 1 Cosponsored: 13	Rep. Scott, Austin [R-GA-8] Sponsored: 2 Cosponsored: 9	Rep. McCollum, Betty [D-MN-4] Sponsored: 0 Cosponsored: 15
Rep. DeLauro, Rosa L. [D-CT-3] Sponsored: 1 Cosponsored: 12	Rep. Cartwright, Matt [D-PA-17] Sponsored: 1 Cosponsored: 12	Rep. Schrader, Kurt [D-OR-5] Sponsored: 2 Cosponsored: 9	Rep. Ellison, Keith [D-MN-5] Sponsored: 1 Cosponsored: 12

# Data Mining Memes in the Digital Culture Web Archive

October 11, 2018 by [Trevor Owens](#)

The Library of Congress [Web Cultures Web Archive](#) launched to the public last year. This collection of the [American Folklife Center](#), including a series of sites documenting the ways that cultures have developed and changed online, has already garnered a good bit of attention (see articles from [Slate](#) , [Smithsonian Magazine](#)  and [GeekWire](#) .)

You can view the web archives online through our instance of the Wayback Machine, the software we run to replay and provide access to archived websites. With that noted, many of the sites archived in the collection, like [GIPHY](#), and [Meme Generator](#), are more like databases or datasets of digital resources. GIPHY maintains a massive online collection of [animated GIFs](#) and Meme Generator presents a corpus of [meme images or image macros](#). For further context, meme images/image macros are widely used images that include text written to a range of templates used in online communication and animated GIFs are short looping moving image files often used as a kind of online form of gestures.



A screenshot of the Web Cultures Web Archive



Test a hypothesis -  
try something new

# Digital Scholarship 101: Six Tools to Get You Started

LIBRARY OF CONGRESS LABS

---

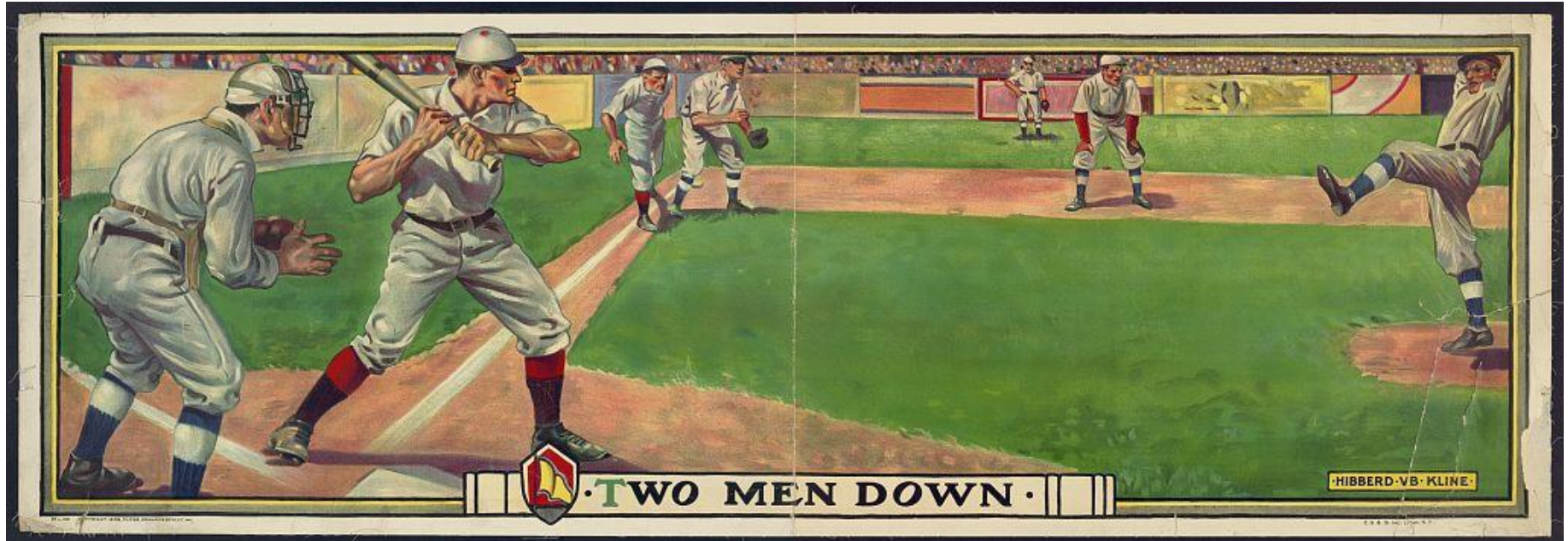
Prepared by: Eileen Jakeway



Digital Scholarship:  
Getting Started

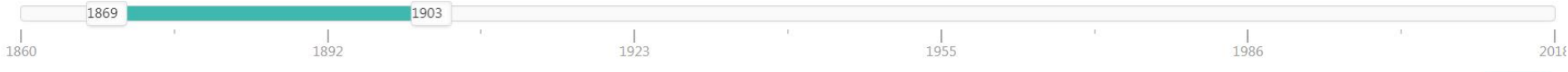


# Inside Baseball: Data Mashup & User-Centered Design

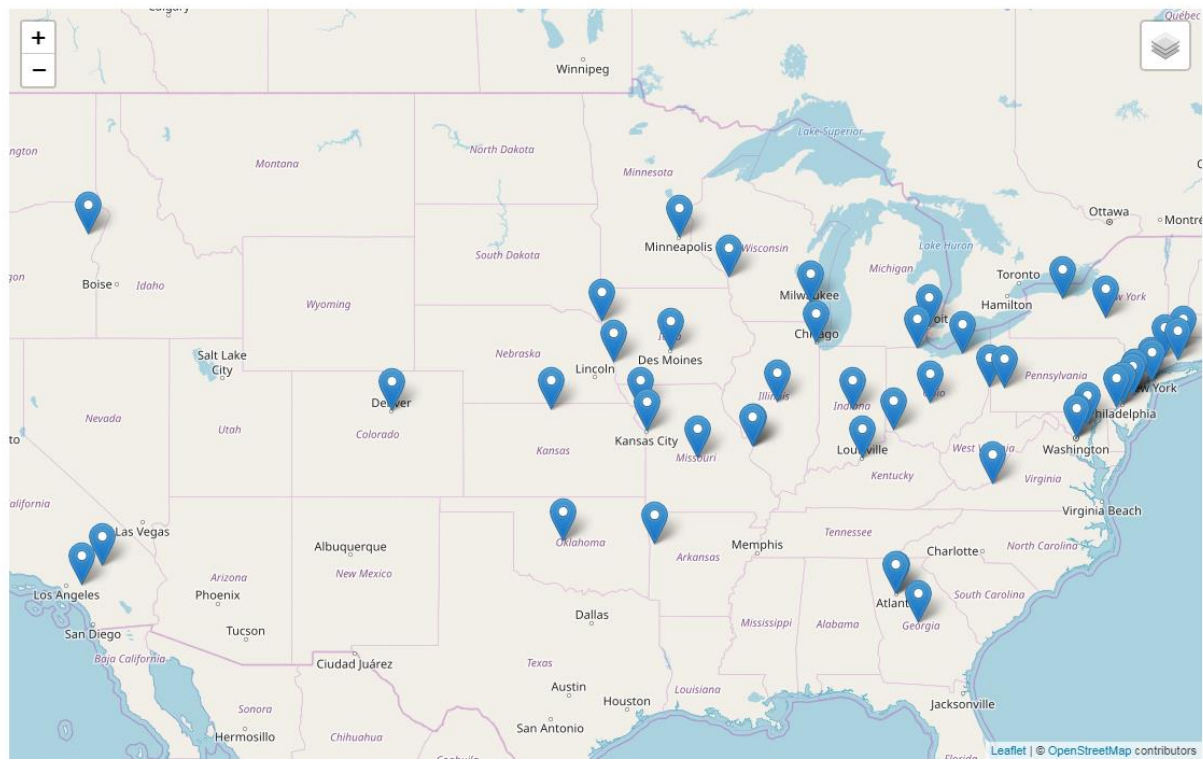











# Inside Baseball - Mapping an American Pastime



Filter items Search



**Items 646**

-  Spalding's Official Base Ball Guide, 1889
-  Spalding's Official Base Ball Guide, 1894
-  Spalding's Official Base Ball Guide, 1895
-  Official Indoor Base Ball Guide Containing The Constitution, 1903
-  Official Indoor Base Ball Guide Containing The Constitution, 1904
-  African American Baseball Team, Danbury, Connecticut
-  First Nine Of The Cincinnati (Red Stockings) Base Ball Club

Learn how an  
established idea  
works in our context





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Anyone can transcribe a document.  
Register to review and edit existing transcriptions and to describe documents by adding tags.



**TRANSCRIBE**

Type what you see on the page.



**TAG**

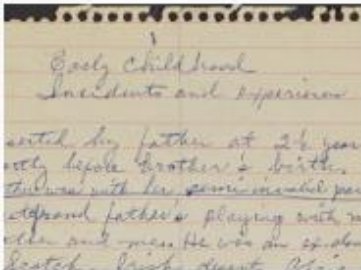
Add tags to share what you found interesting or useful about the page.



**REVIEW**

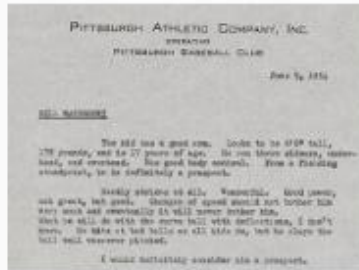
Check transcriptions to edit mistakes or mark pages as complete.

**CAMPAIGNS: CHOOSE WHAT TO TRANSCRIBE**



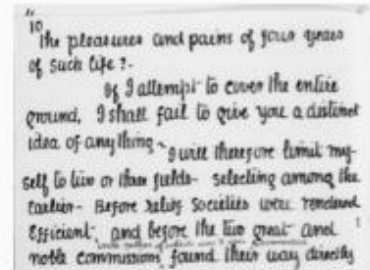
**Rosa Parks Papers**

Get Started!



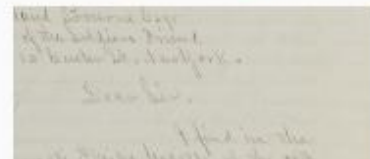
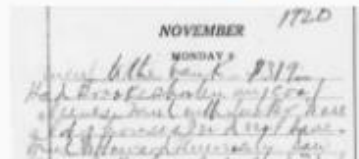
**Branch Rickey Papers**

Get Started!



**Clara Barton Papers**

Get Started!



82.

St Helena - ay! a thousand fold better than  
Moscow or Waterloo.

But the boys: I found them on all sides  
of me. Every street corner had little knots of them  
idle, listless, as if to say, what shall one do, when one  
has nothing to do? I sought every inconspicuous  
occasion to stop, and talk with them. I saw nothing  
unusual in them. Much like other boys I had known,  
unusually courteous, showing special instruction in  
that line, and frequency of unusual intelligence.

They spoke of their banishment, or absence from  
school with far less of bravado, or boasting than  
would have been expected, under the circumstances  
and often with regret. "Lody there is no school  
for us" answered a bright faced lad of fourteen, as he  
rested his foot on the edge of a little park fountain  
where I had accosted him, "we would be glad

83

to go if there was one? I had listened to such as  
this long enough, and without returning to my  
hotel, I sought Mr Deydam, as chairman of the  
school committee, and asked for an interview.

By this time, in his capacity of Post-master, we  
had formed a tolerable acquaintance. Now, for the  
first time, I made known my desire to open a public

Transcribe Tag Verify Note

Transcriptions: 1 2 3 4 5

Help

Go ahead, start typing. You got this!

PREVIOUS

NEXT



0 Comments

SAVE



From Stephen A. Douglas to Abraham Lincoln<sup>1</sup>, July 30, 1858

1 Lincoln's reply is in Collected Works, II, 531.

Bement, Piatt Co. Ill.

July 30th, 1858

Dear Sir:

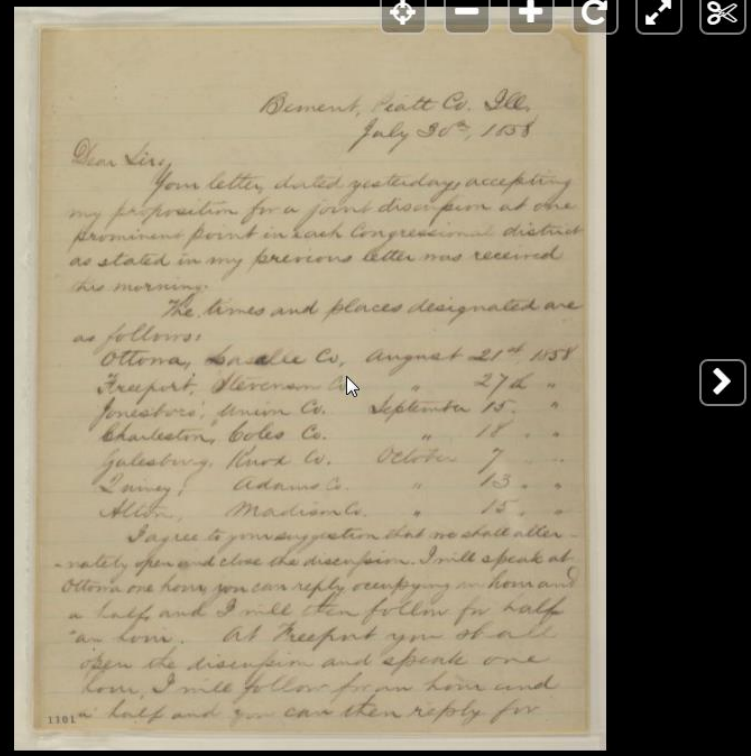
Your letter, dated yesterday,<sup>2</sup> accepting my proposition for a joint discussion at one prominent point in each Congressional district as stated in my previous letter was received this morning.

2 See Lincoln to Douglas, July 29, 1858.

The times and places designated are as follows:

Ottawa, LaSalle Co, August 21st 1858

Freeport, Stevenson Co. "27th"





I had been pushed  
around ~~for~~ all my  
life ~~beca~~ and felt at  
this moment that I  
couldn't take it anymore.  
When I asked the policeman  
why we ~~were~~ had to be  
pushed around? He said  
he didn't know. "The law  
is the law. You are under  
arrest." ~~I acta I went~~  
~~with~~ I didn't resist.

July 24, 1963  
Cleveland, Ohio  
Cleveland vs. Minnesota

KILLEBREW, HARMON

(Minnesota Outfielder)

A big right hand hitter with as much distance power as any man in the game. Strikes out a great deal. I would not be interested in obtaining his contract in any kind of a possible trade. I don't want him at the price.

BRANCH RICKEY

cc - Mr. Bing Devine



Laura Wrubel  
Visiting Scholar



Jer Thorp  
Innovator-in-Residence



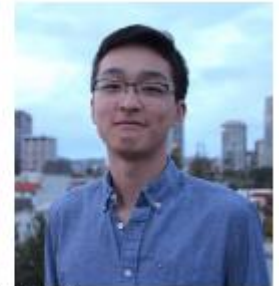
Julia Hickey  
Visiting Scholar



Aditya Jain  
Innovation Intern



Erin Diott  
UVA IFP Intern



Jeffrey Shen  
Innovation Intern



Chelsea Stieber  
Kluge Fellow



Charlie Moffett  
Innovation Intern



Samantha Herron  
Junior Fellow



Luke Menzies  
Junior Fellow



Eileen Jakewy  
Junior Fellow



Courtney Johnson  
Junior Fellow



Flynn Shannon  
Junior Fellow



Yassira Sueiras  
HACU Intern

**Collaborate  
with us!**  
[digitalstrategy@loc.gov](mailto:digitalstrategy@loc.gov)



**Kate Zwaard**  
Director of Digital Strategy

labs.loc.gov  
@LC\_Labs

- [loc.gov/digital-strategy](https://loc.gov/digital-strategy)
- [crowd.loc.gov](https://crowd.loc.gov)
- <https://blogs.loc.gov/thesignal/>
- [digitalstrategy@loc.gov](mailto:digitalstrategy@loc.gov)

