

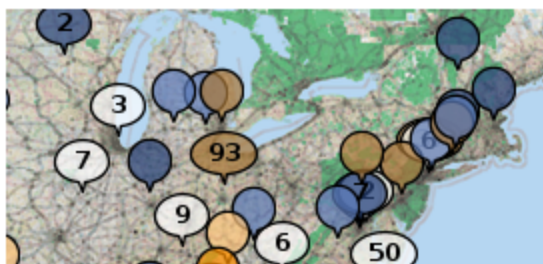
Trevor Owens
Digital Archivist
NDIIPP

The Library of Congress
@tjowens

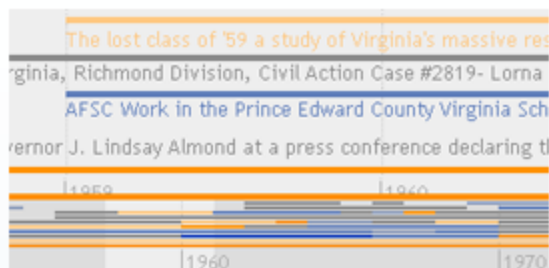
**building
interfaces
understanding
collections**



Present Visual Collections



Map your collections



Browse collection timelines

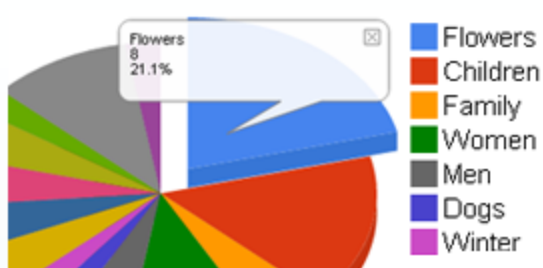


Chart relationships in collection data

Viewshare is a **free** platform for generating and customizing views, (**interactive maps**, **timelines**, **facets**, **tag clouds**) that allow users to experience your **digital collections**.

[Request Free Account](#)
[Watch Screencast](#)
[Get Started](#)

Import Collections

Ingest collections from **spreadsheets** or **MODS** records. Upload from your desktop or import them from a URL.

Generate Views

Generate distinct interactive visual interfaces to your digital collections, including **maps** and **timelines**, and sophisticated **faceted navigation**.

Embed and Share

Just **copy-paste to embed** your interface in any webpage. Provide your users with novel and intuitive ways to explore your content

**a free and open
platform for
creating dynamic
visual interfaces
to digital
collections**

**zero code,
point-and-click,
easy-to-use,
thing**

**what
viewshare
does**

```
1 <?xml version="1.0"?>
2 <modsCollection xsi:schemaLocation="http://www.loc.gov/mods/v3 http://www.loc.gov/standards/mods/v3/mod
3 <mods>
4 <titleInfo>
5 <title>Identity as an Analytic Lens for Research in Education</title>
6 </titleInfo>
7 <typeOfResource>text</typeOfResource>
8 <genre authority="local">journalArticle</genre>
9 <genre authority="marcgt">periodical</genre>
10 <name type="personal">
11 <namePart type="family">Gee</namePart>
12 <namePart type="given">James Paul</namePart>
13 <role>
14 <roleTerm type="code" authority="marcrelator">aut</roleTerm>
15 </role>
16 </name>
17 <relatedItem type="host">
18 <part>
19 <detail type="volume">
20 <number>25</number>
21 </detail>
22 <extent unit="pages">
23 <start>99</start>
24 <end>125</end>
25 </extent>
26 </part>
27 <originInfo>
28 <dateIssued>2000 - 2001</dateIssued>
29 <dateCaptured>2009-12-12 13:27:25</dateCaptured>
30 </originInfo>
31 <identifier type="issn">0091732X</identifier>
32 <titleInfo>
33 <title>Review of Research in Education</title>
34 </titleInfo>
```

take this

◀ ▶ 🔍 **Sheet1**

and make...



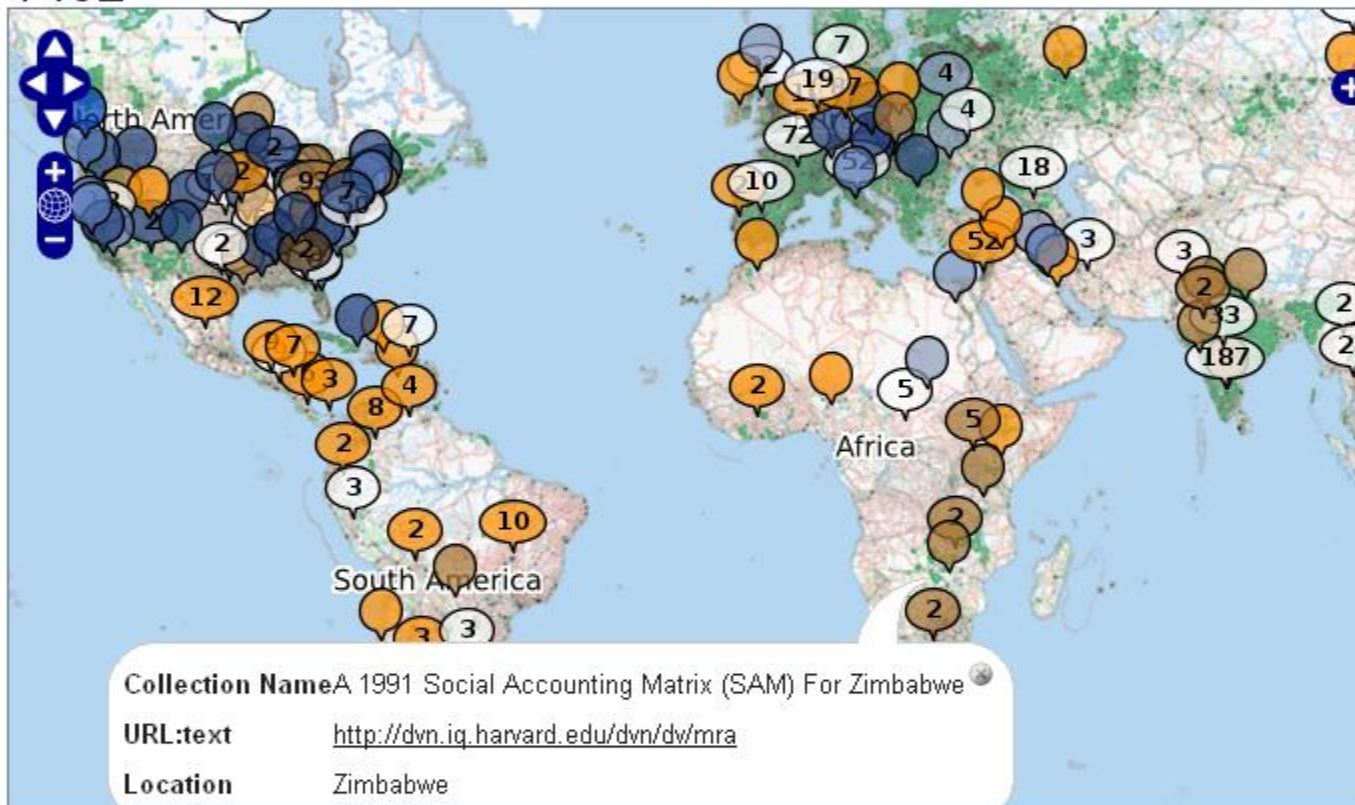
NDIIPP Collections

Created by [Abbey Potter](#) on Oct. 27, 2011 and based on the [NDIIPP Collections](#) data set.

[Inspect](#) | [Embed](#)

MAP • LIST • TIMELINE • PIE CHART

1402



Explore the digital collections selected for preservation by **NDIIPP partners**.

Type

40 Audio/Video
19 Geospatial
1266 Text and/or Image
134 Web sites

Subject: text

81 AMERICAN HISTORY
48 ARTS AND CULTURE
99 GOVERNMENT, POLITICS AND LAW
16 MAPS AND GEOGRAPHY
734 NEWS, MEDIA, JOURNALISM

AMERICAN HISTORY ARTS AND CULTURE GOVERNMENT, POLITICS AND LAW
 MAPS AND GEOGRAPHY NEWS, MEDIA, JOURNALISM RELIGION AND PHILOSOPHY
 SCIENCE, MATHEMATICS AND TECHNOLOGY SOCIAL SCIENCES
 SPORTS, RECREATION AND TRAVEL WORLD HISTORY AND CULTURES mixed



NDIIPP Collections

Created by [Abbey Potter](#) on Oct. 27, 2011 and based on the [NDIIPP Collections](#) data set.

[Inspect](#) | [Embed](#)

MAP • LIST • TIMELINE • PIE CHART

1402



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MAPS AND GEOGRAPHY NEWS, MEDIA, JOURNALISM RELIGION AND PHILOSOPHY
SCIENCE, MATHEMATICS AND TECHNOLOGY SOCIAL SCIENCES
SPORTS, RECREATION AND TRAVEL WORLD HISTORY AND CULTURES mixed



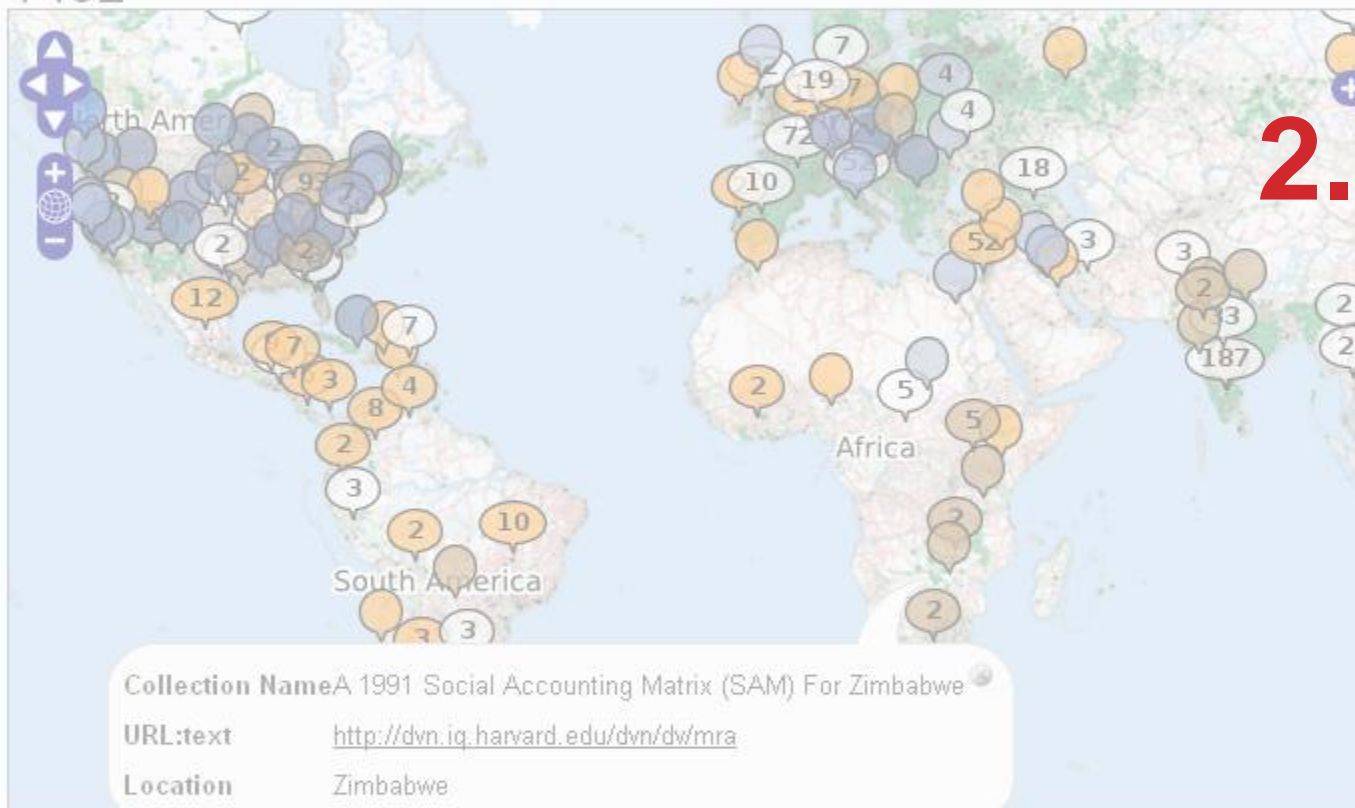
NDIIPP Collections

Created by [Abbey Potter](#) on Oct. 27, 2011 and based on the [NDIIPP Collections](#) data set.

[Inspect](#) | [Embed](#)

MAP • LIST • TIMELINE • PIE CHART

1402



2. dynamic facets

Explore the digital collections selected for preservation by **NDIIPP partners**.

Type

40 Audio/Video
99 Government, Politics and Law
23 Text and Language
154 Web sites

Subject:text

81 AMERICAN HISTORY
48 ARTS AND CULTURE
99 GOVERNMENT, POLITICS AND LAW
16 MAPS AND GEOGRAPHY
734 NEWS, MEDIA, JOURNALISM

AMERICAN HISTORY ARTS AND CULTURE GOVERNMENT, POLITICS AND LAW
MAPS AND GEOGRAPHY NEWS, MEDIA, JOURNALISM RELIGION AND PHILOSOPHY
SCIENCE, MATHEMATICS AND TECHNOLOGY SOCIAL SCIENCES
SPORTS, RECREATION AND TRAVEL WORLD HISTORY AND CULTURES mixed



Partner Collections

Search

Preservation partners from around the world are selecting and preserving at risk digital content. Use this interface to explore what has been collected so far.

Subject

- 82 AMERICAN HISTORY
- 48 ARTS AND CULTURE
- 99 GOVERNMENT, POLITICS AND LAW
- 16 MAPS AND GEOGRAPHY

Content Type

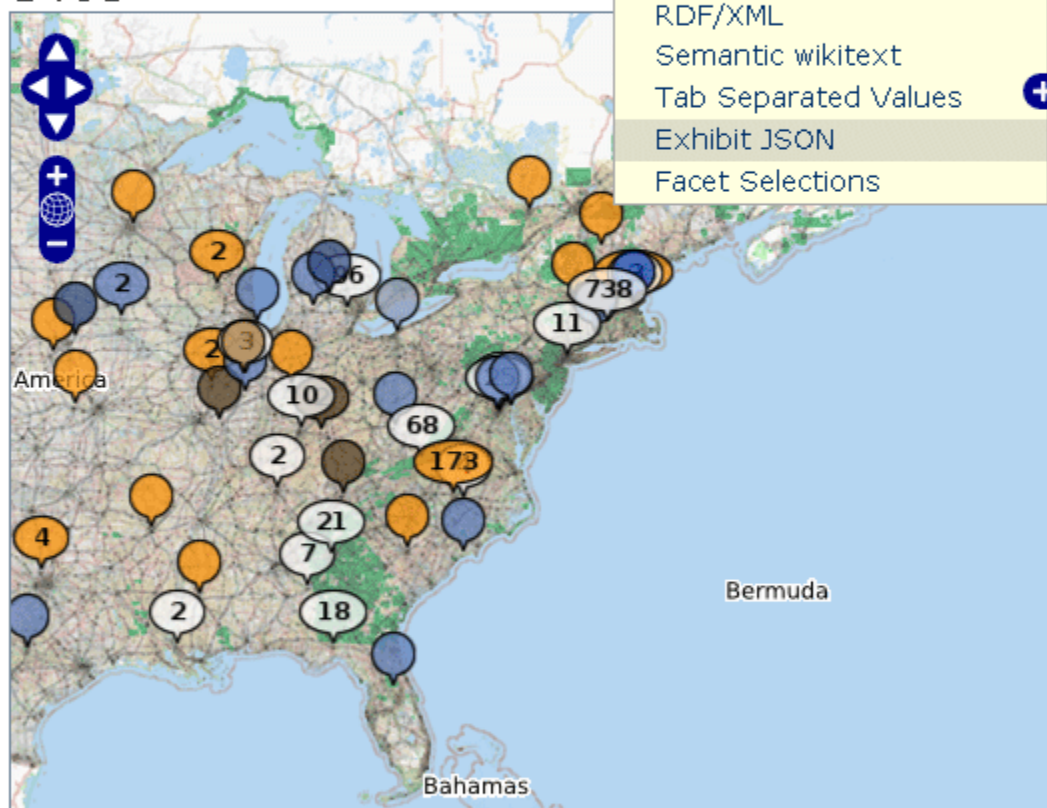
- 40 Audio/Video
- 19 Geospatial
- 1266 Text and/or Image
- 135 Web sites

Availability

- 264 Online
- 12 Onsite
- 1132 Research Use
- 5 Restricted Access

MAP • TIMELINE • LIST • TABLE

1403



- AMERICAN HISTORY
- ARTS AND CULTURE
- GOVERNMENT, POLITICS AND LAW
- MAPS AND GEOGRAPHY
- NEWS, MEDIA, JOURNALISM
- RELIGION AND PHILOSOPHY
- SCIENCE, MATHEMATICS AND TECHNOLOGY
- SOCIAL SCIENCES



embedded in your site

Search

Preservation partners from around the world are selecting and preserving at risk digital content. Use this interface to explore what has been collected so far.

Subject

62 AMERICAN HISTORY
48 ARTS AND CULTURE
99 GOVERNMENT, POLITICS AND LAW

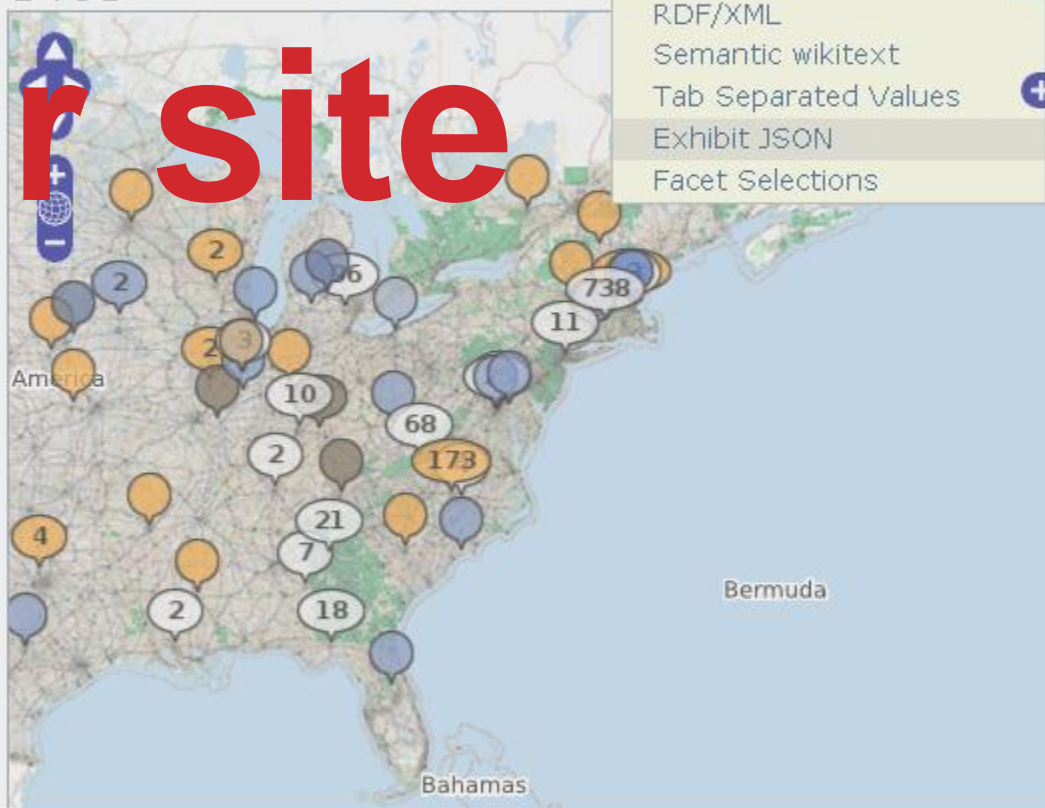
Content Type

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135 Web sites

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1403



AMERICAN HISTORY ARTS AND CULTURE
GOVERNMENT, POLITICS AND LAW MAPS AND GEOGRAPHY
NEWS, MEDIA, JOURNALISM RELIGION AND PHILOSOPHY
SCIENCE, MATHEMATICS AND TECHNOLOGY SOCIAL SCIENCES



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- 48 ARTS AND CULTURE
- 99 GOVERNMENT, POLITICS AND LAW

Content Type

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- 1266 Text and/or Image
- 135 Web sites

Availability

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MAP • TIMELINE • LIST • TABLE

1403



- AMERICAN HISTORY
- ARTS AND CULTURE
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- MAPS AND GEOGRAPHY
- NEWS, MEDIA, JOURNALISM
- RELIGION AND PHILOSOPHY
- SCIENCE, MATHEMATICS AND TECHNOLOGY
- SOCIAL SCIENCES

expose data

**but the end
result is just
part of the story**

**interface building
facilitates deeper
understanding**

Visual Displays

**[timelines; lists;
charts; galleries;
maps**

Organisations with transnational links 1830-1900

An example of a scholar using Recollection as a platform for interpretation of cultural heritage data.

Names of organisations linked with in other country

- 1 American Social Science Association
- 1 National Association for the Promotion of Social Science
- 1 New York City Mission (1830); Boston Missionary Society

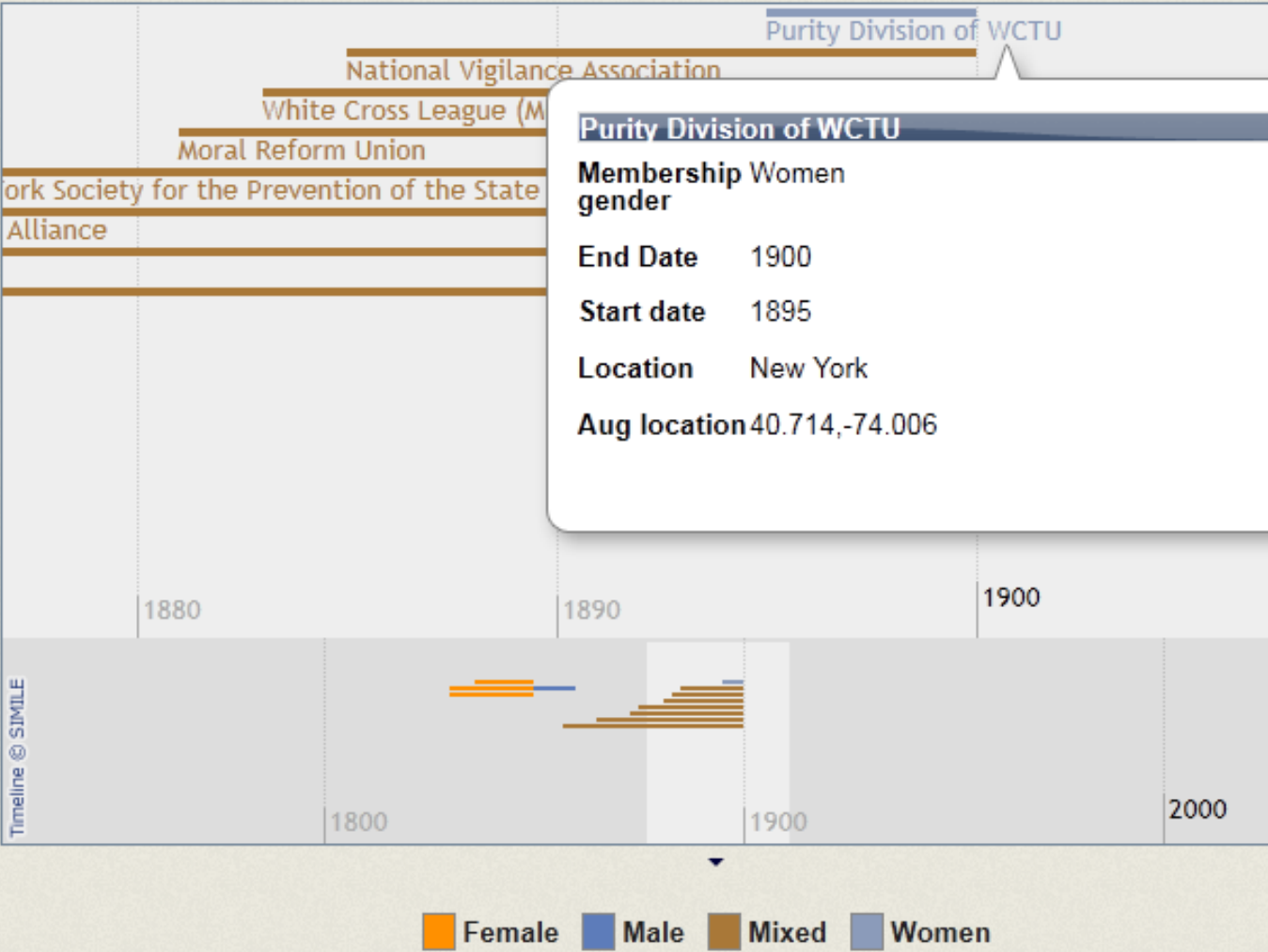
Membership gender

Female Male

Mixed Women

12

TIMELINE • LIST • MAP • PIE CHART • TABLE





Fulton Street Trade Card Collection Views

Views of the Fulton Street Trade Card Collection

Created by [Jefferson Bailey](#) on Nov. 29, 2011 and based on the [Fulton Street Trade Cards Collection](#) data set.

[Inspect](#) | [Embed](#)

The Fulton Street Trade Card collection features 245 late 19th and early 20th century illustrated trade cards from merchant's along the Fulton Street retail thoroughfare in Brooklyn, NY. .

View by :

Subjects_Extract

MAP • PIE CHART • LIST

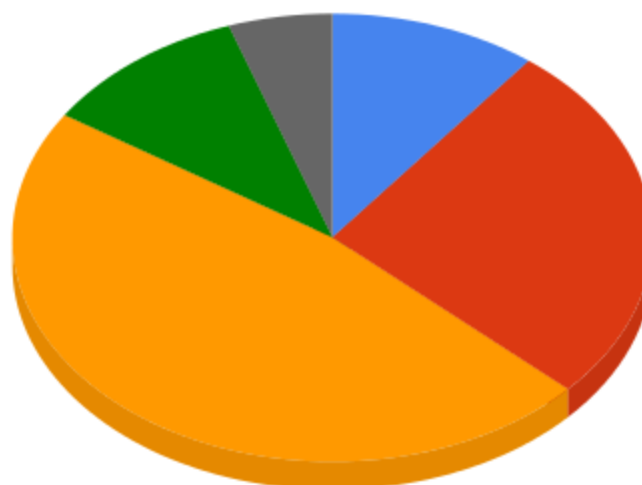
Items grouped by Subjects_Extract

Augmented Subjects

- 3
- 2 Boots
- 14 Clothing and dress
- 1 Coats of arms
- 2 Cornucopias
- 2 Desserts
- 2 Drinking glasses

Business type

- 1 Coal trade
- 15 Confectioners
- 1 Dentists
- 19 **Department stores**
- 3 Dyers
- 1 Electric contracting
- 2 Florists



- Clothing and dress
- Flowers
- Women
- Drinking glasses
- Coats of arms



Fairfax Postcards

Created by [Trevor Owens](#) on Dec. 15, 2011 and based on the [pre-augmented postcards](#) data set.

[Inspect](#) | [Share](#) | [Embed](#) | [Edit](#)

Search

22

GALLERY • LIST • MAP • TIMELINE • PIE CHART • TABLE



sorted by: [label](#); then by... • ☒ grouped as sorted

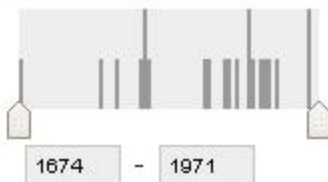
themes

Famous
Residences Military
History Places of Worship
Recreation
Townscapes

Name:text

- 1 Arial View of Reston, Gulf Reston Photo, c1970
- 1 Camp A.A. Humphreys: Pitching Shelter Tents
- 1 Col. Marr. Confederate Monument
- 1 Dulles International

Related_Date:text



Greetings from Accotink, C. T. American Art 1920's Postcard Collection



Woodlawn Plantation



Gunston Hall, Home of George Mason.



Greetings From Herndon



Methodist Church, Herndon VA



Mount Vernon's Piazza

Fulton Street Trade Card Collection

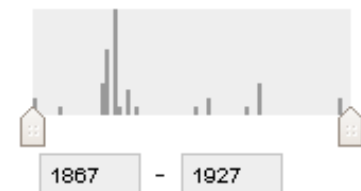
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[Inspect](#) | [Embed](#)

The Fulton Street Trade Card collection features 245 late 19th and early 20th century illustrated trade cards from merchant's along the Fulton Street retail thoroughfare in Brooklyn, NY.

Date



Augmented Subjects

- 44
- 2 Acorns
- 2 Advertisers
- 5 Advertising, Newspaper
- 6 African Americans
- 23 Animals

Business type

- 2 Advertising agencies
- 1 Bakers and bakeries
- 2 Book stores
- 2 Bookbinders
- 2 Bookstores
- 1 Carpentry
- 2 Clothing stores

MAP • PIE CHART • LIST

340



- Advertising agencies
- Bakers and bakeries
- Book stores
- Bookbinders
- Bookstores
- Carpentry
- Clothing stores
- Coal trade
- Confectioners
- Dentists
- Department stores
- Dyers
- Electric contracting
- Florists
- Food industry and trade
- Grocers
- Hardware stores
- Insurance companies
- Jewelry stores

Different Facets

[lists;
histograms;
tag clouds



Fulton Street Trade Card Collection Views

Views of the Fulton Street Trade Card Collection

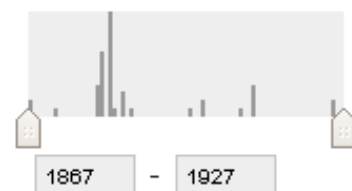
Created by [Jefferson Bailey](#) on Nov. 29, 2011 and based on the [Fulton Street Trade Cards Collection](#) data set.

[Inspect](#) | [Embed](#)

MAP • [PIE CHART](#) • [LIST](#)

The Fulton Street Trade Card collection features 245 late 19th and early 20th century illustrated trade cards from merchant's along the Fulton Street retail thoroughfare in Brooklyn, NY.

Date



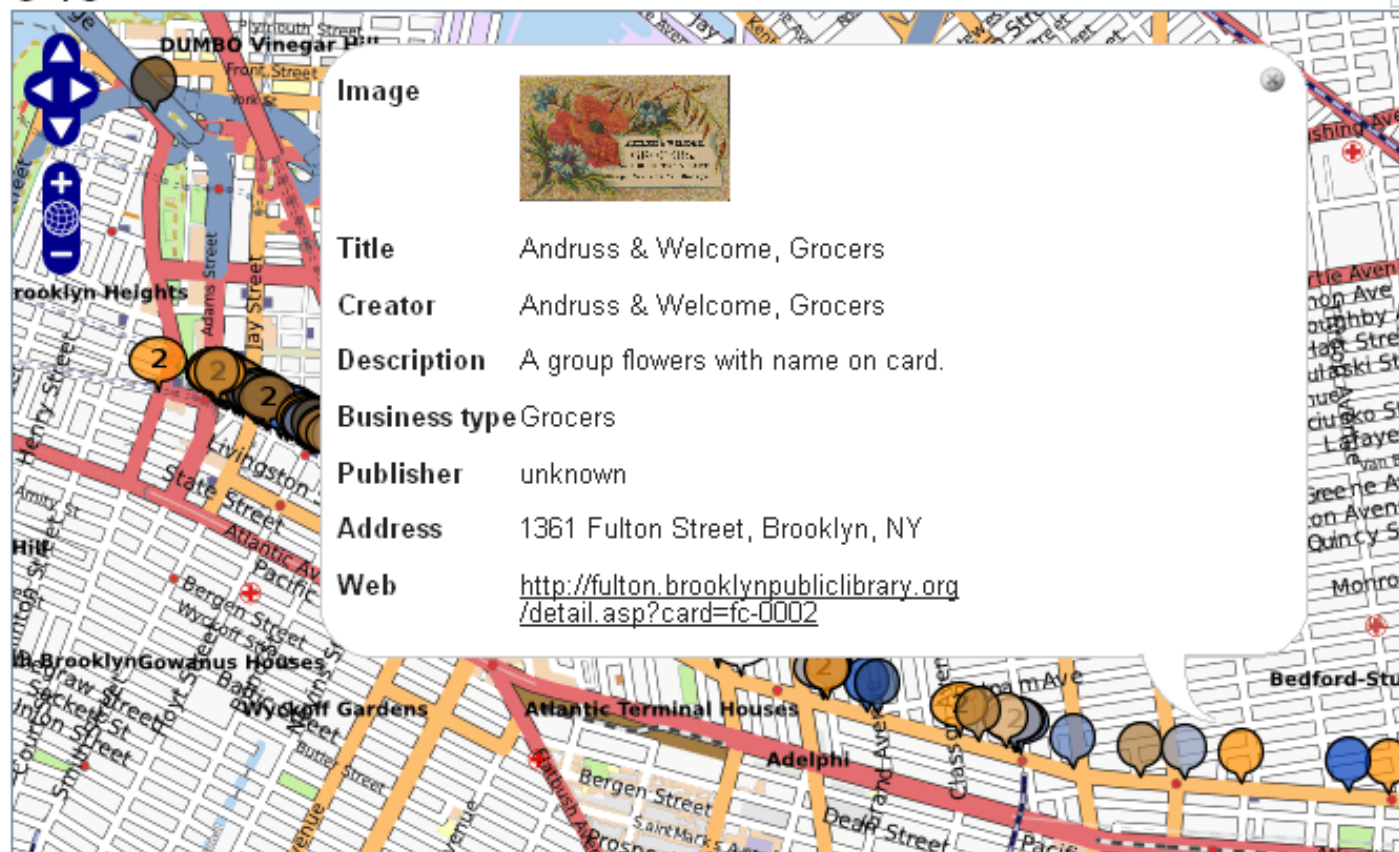
Augmented Subjects

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340



- Advertising agencies
- Bakers and bakeries
- Book stores
- Bookbinders
- Bookstores
- Carpentry
- Clothing stores
- Coal trade
- Confectioners
- Dentists



Fairfax Postcards

Created by [Trevor Owens](#) on Dec. 15, 2011 and based on the [pre-augmented postcards](#) data set.

[Inspect](#) | [Share](#) | [Embed](#) | [Edit](#)

Search

22

GALLERY • LIST • MAP • TIMELINE • PIE CHART • TABLE



sorted by: label; then by... • ☒ grouped as sorted

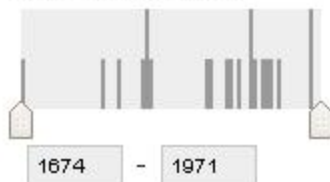
themes

Famous
Residences Military
History Places of Worship
Recreation
Townscapes

Name:text

- 1 Arial View of Reston, Gulf Reston Photo, c1970
- 1 Camp A.A. Humphreys: Pitching Shelter Tents
- 1 Col. Marr. Confederate Monument
- 1 Dulles International

Related_Date:text



Greetings from Accotink, C. T. American Art 1920's Postcard Collection



Woodlawn Plantation



Gunston Hall, Home of George Mason.



Greetings From Herndon



Methodist Church, Herndon VA



Mount Vernon's Piazza

Workflow import

Load Your Data



Simple Spreadsheets

Simple rectangular spreadsheets in CSV or Microsoft Excel format.

[From the web](#) [From a file on your computer](#)



XML MODS file

An XML file conforming to the Metadata Object Description Schema (MODS) schema.

[From the web](#) [From a file on your computer](#)



OAI [Open Archives Initiative](#) end point (Beta)

The Open Archives Initiative develops and promotes interoperability standards that aim to facilitate the efficient dissemination of digital content.





























A [ContentDM database](#) (Beta)

Digital Collection Management Software from OCLC.

Workflow

import  augment

Enabled	Field Name	 Add	Type	Value	1 of 22	 	 Delete Record	 Augment
<input checked="" type="checkbox"/>	 Categories		text	Famous Residences				
<input checked="" type="checkbox"/>	 City and State		text	Gunston Hall, Virginia				
<input checked="" type="checkbox"/>	 Name		text	Gunston Hall, Home of George Mason.				
<input checked="" type="checkbox"/>	 Related Date		text	1755				
<input checked="" type="checkbox"/>	 Country		text	United States				
<input checked="" type="checkbox"/>	 Image URL		image					
<input checked="" type="checkbox"/>	 Description		datetime location	Built between 1755 and 1759, Gunston Hall was the home of founding father George Mason. Mason served as a delegate from Virginia to the Constitutional Convention. His work on the Virginia Declaration of Rights provided a model for the Bill of Rights. William Buckland, an indentured servant who worked for George Mason, designed the home. The house is an excellent example of Georgian style architecture and has had a significant impact on design in the area. For example, notice the engineering buildings at Fort Belvoir. Gunston Hall was located at the center of Mason's 5,500-acre plantation overlooking the Potomac.				
<input checked="" type="checkbox"/>	 aug location Derived from these fields: • City_and_State • Country		location	38.664,-77.160				
<input checked="" type="checkbox"/>	 Aug Date Derived from these fields: • Related_Date		datetime	1755-01-01T00:00:00+0000				
<input checked="" type="checkbox"/>	 Aug Topics Extracted from Category		text	Famous Residences				

☒  URL <http://archives.state.ak.us>

☒  Colle

☒  Colle

☒  Conte

☒  Partn

☒  Name

☒  Subje

☒  _deriv

Derived fr
• Co

☒  _deriv

Derived fr
• Co

☒  _deriv

Derived fr
• Co

☒  _deriv

Derived fr
• Ins

☒  _deriv

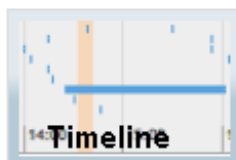
Extracted from Content_Type

Data Augmentation

New Field Name*:

Lat_Long

View for Field*:



Select which type of view this field will be used to create.

Based on*:

1 items selected		Remove all		Add all
↕	Collection Location	—	Collection Start Date	+
			Description	+
			Timeline	+
			Project Name	+
			Institution Location	+
			URL	+
			Collection Availability	+
			Collection End Date	+
			Content Type	+
			Partner Organization	+
			Name of Specific Collection	+
			Subject	+

Name of Specific Collection

Base the new field on the existing ones above.

Create

• Web sites

☒  derived availability

text

Online

Workflow

import  augment


build

[Show Preview](#)[Save](#)[Cancel](#)

Theme: Smoothness

+ Add a Widget

Search

Search

edit

Tag Cloud

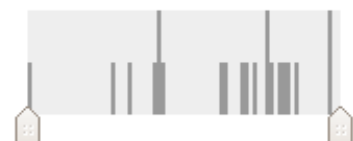
themes

Famous
ResidencesMilitary History Places
of WorshipRecreation
Townscapes

edit

Slider

Related_Date:text



1674 - 1971

edit

Gallery

List

▼ Map

Timeline

Pie Chart

Table

+ Add a View

Show

Title

Link

Lat,Lng

Color

Property

Value 1 of 22

☐☐☒☐☐

None

☐☐☒☒☐

locations:text

38.708,-77.159

☐☒☒☒☐

Name:text

Greetings from Accotink, C. T. American
Art 1920's Postcard Collection☒☐☒☒☒

themes

Recreation

☒☐☒☒☐

Image_URL:text

☒☐☒☒☐

Category:text

Recreation

☒☐☒☒☐

location:text

Accotink, Virginia

☒☐☒☒☐

Related_Date:text

1912

☒☐☒☒☐

Description:text

The United States Federal Government purchased the Accotink Park Region in 1912. Much of what is now the park was part of the William of Fairfax's Belvoir Estate. The rest of the Estate became Camp Humphreys and eventually, Fort Belvoir. The Accotink Creek and marsh made the land less than ideal for military use. In 1960, the Fairfax County Park Authority began leasing the land from the federal government. Since then, the Accotink Park has provided a variety of public programs and services to area



Fairfax Postcards

Created by [Trevor Owens](#) on Dec. 15, 2011 and based on the [pre-augmented postcards](#) data set.

Show Builder

| [Save](#)

| [Cancel](#)

Search

22 Items

GALLERY • LIST • MAP • TIMELINE • PIE CHART • TABLE

sorted by: label; then by... • ☒ grouped as sorted

themes

Famous

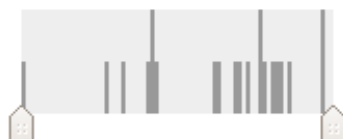
Residences

Military
History Places of Worship

Recreation

Townscapes

Related_Date:text



1674

- 1971

Name:text

- 1 Arial View of Reston, Gulf Reston Photo, c1970
- 1 Camp A.A. Humphreys: Pitching Shelter Tents
- 1 Col. Marr. Confederate Monument
- 1 Dulles International



Greetings from Accotink, C. T. American Art 1920's Postcard Collection



Woodlawn Plantation



Gunston Hall, Home of George Mason.



Greetings From Herndon

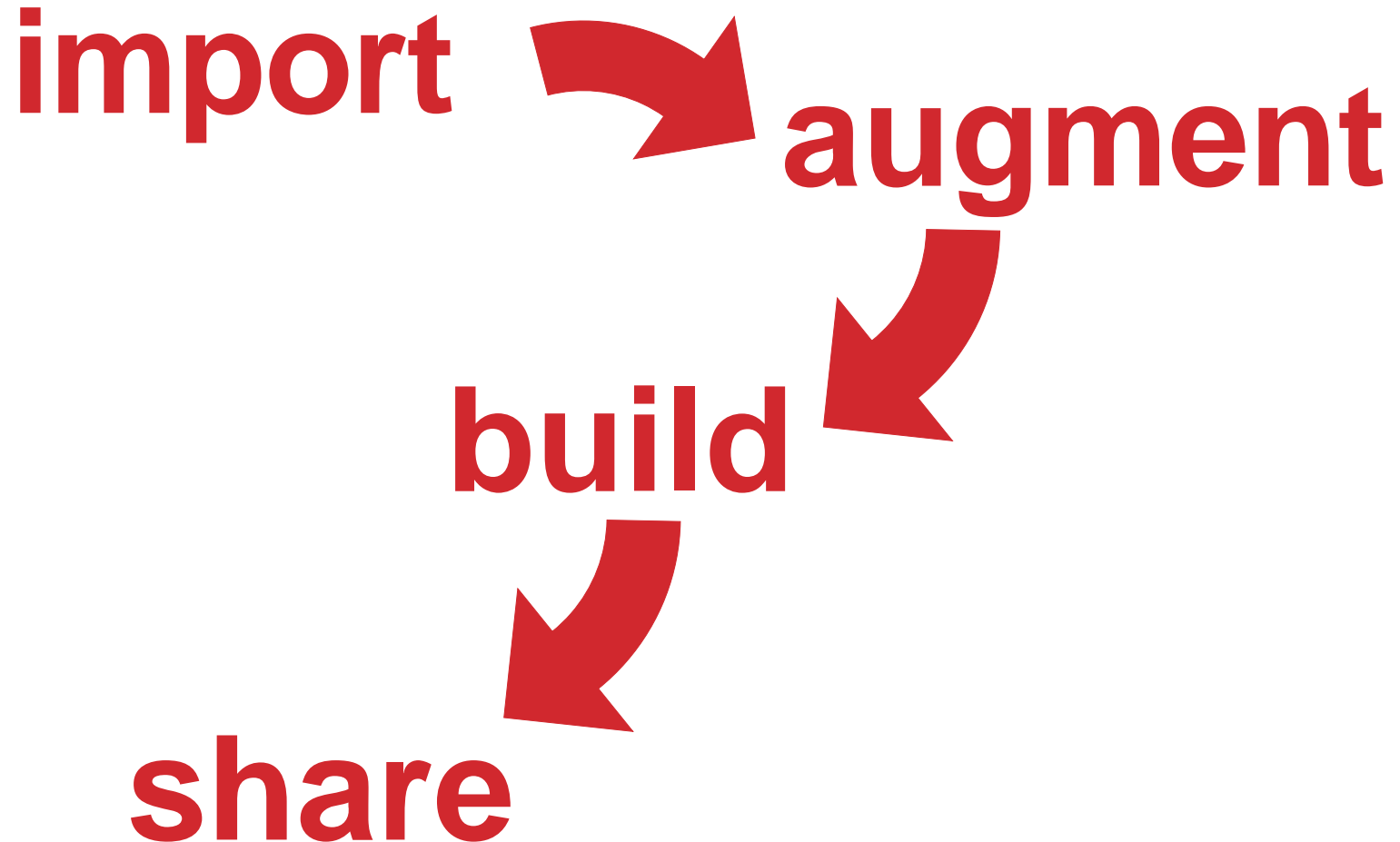


Methodist Church, Herndon VA



Mount Vernon's Piazza

Workflow





Fulton Street Trade Card Collection Views

Views of the Fulton Street Trade Card Collection

Created by [Jefferson Bailey](#) on Nov. 29, 2011 and based on the [Fulton Street Trade Cards Collection](#) data set.

Copy the following and paste it into your page where you'd like your data view to be placed



```
<script id="freemix-embed" src="http://viewshare.org/views/jefferson/fulton-
```

The Fulton Street Trade Card collection features 245 late 19th and early 20th century illustrated trade cards from merchant's along the Fulton Street retail thoroughfare in Brooklyn, NY. Using a Viewshare pie chart view,

340



MAP • PIE CHART • LIST

Tradecards View

This is a view I created with Viewshare. I have embeded it here in my personal website.

Fulton Street Trade Card Collection Views

The Fulton Street Trade Card collection features 245 late 19th and early 20th century illustrated trade cards from merchant's along the Fulton Street retail thoroughfare in Brooklyn, NY.

Augmented Subjects



Business type



340

MAP • PIE CHART • LIST

New York





Image 

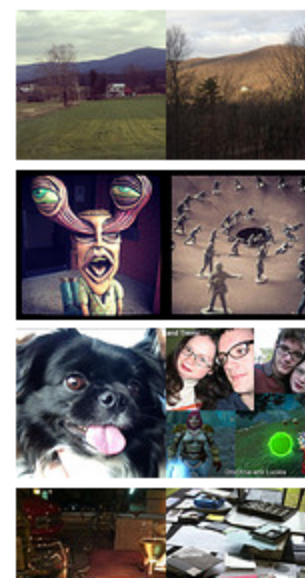
Title Andruss & Welcome, Grocers

Creator Andruss & Welcome, Grocers

Description A group flowers with name on card.

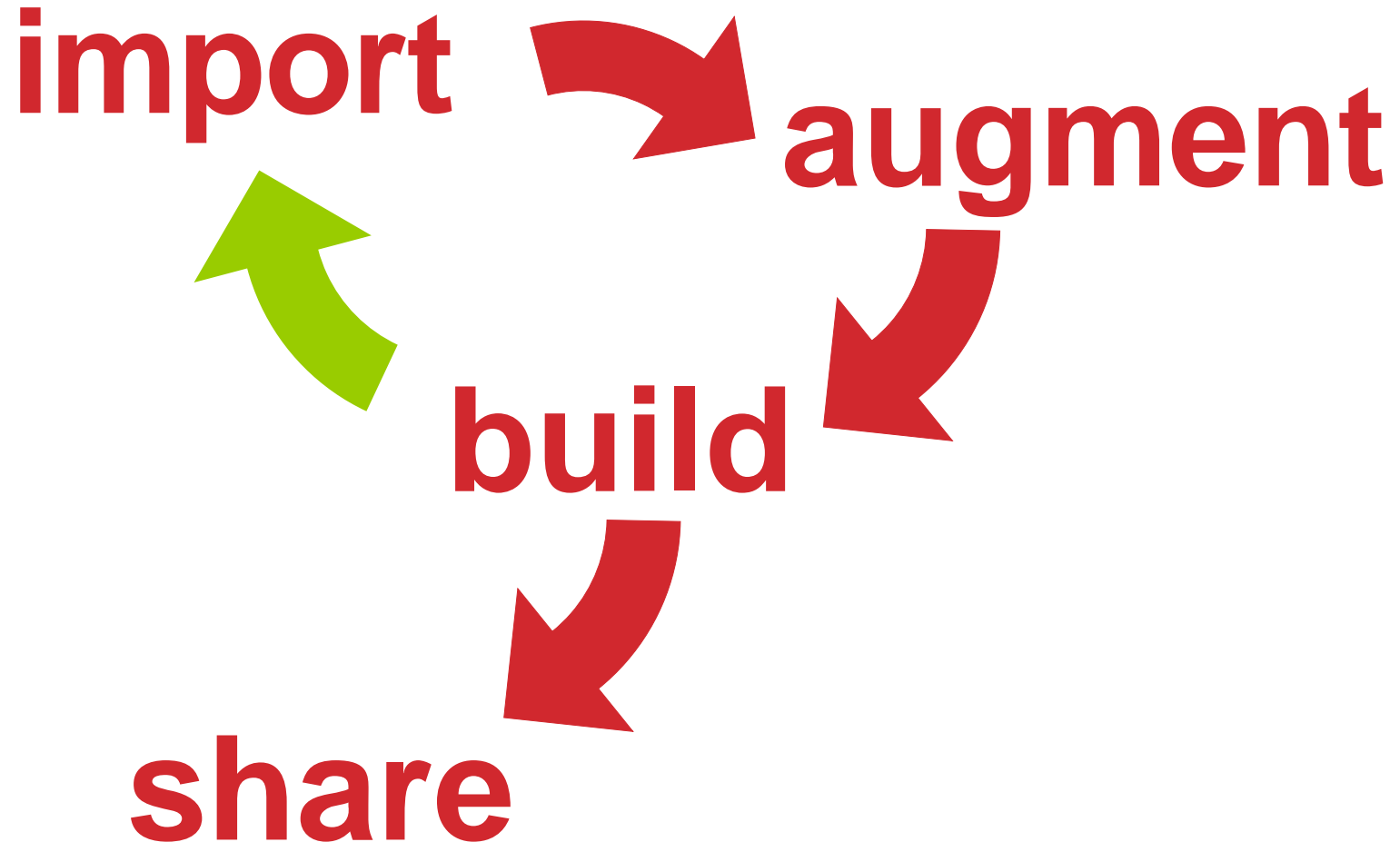
Business Grocers

I'm a digital archivist at the [National Digital Information Infrastructure and Preservation Program](#) (NDIIPP) in the Office of Strategic Initiatives at the [Library of Congress](#) and a doctoral student at [GMU](#). I'm interested in online communities, digital history, and video games. I blog [on this site](#), and at [playthepast.org](#). Views expressed are not those of any current or former employer.

**but the end
result is just
part of the story**

Workflow



**Interface building
facilitates deeper
understanding**

**Interface building
facilitates
remediation**

State

1 ☒

52 South Carolina

☐

14 South Dakota

☐

1 Tennessee

☒

66 Tennessee

☐

252 Texas

☐

136 United States

☐

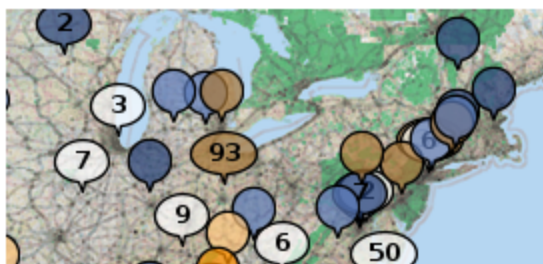
46 Utah

☐

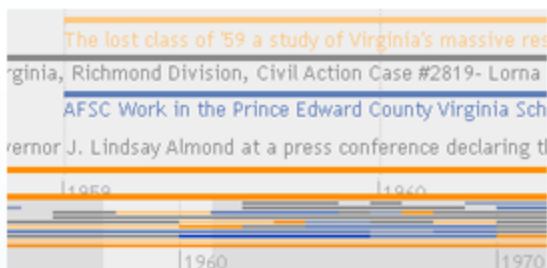
Interface building
can inform
collecting
practice



Present Visual Collections



Map your collections



Browse collection timelines

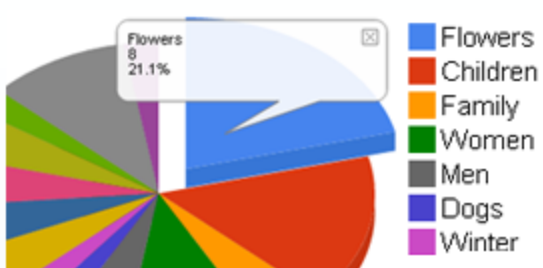


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