

2017-06-24

Connecting the Dots: Using Digital Scholarship Methods to Facilitate New Modes of Discovery in Special Collections

Carruthers, Matthew

<https://hdl.handle.net/2027.42/138110>

<http://creativecommons.org/licenses/by-nc-sa/4.0/>

Downloaded from Deep Blue, University of Michigan's institutional repository



#alctsAC17



Creating the Future of Digital Scholarship Together: Collaboration from Within Your Library

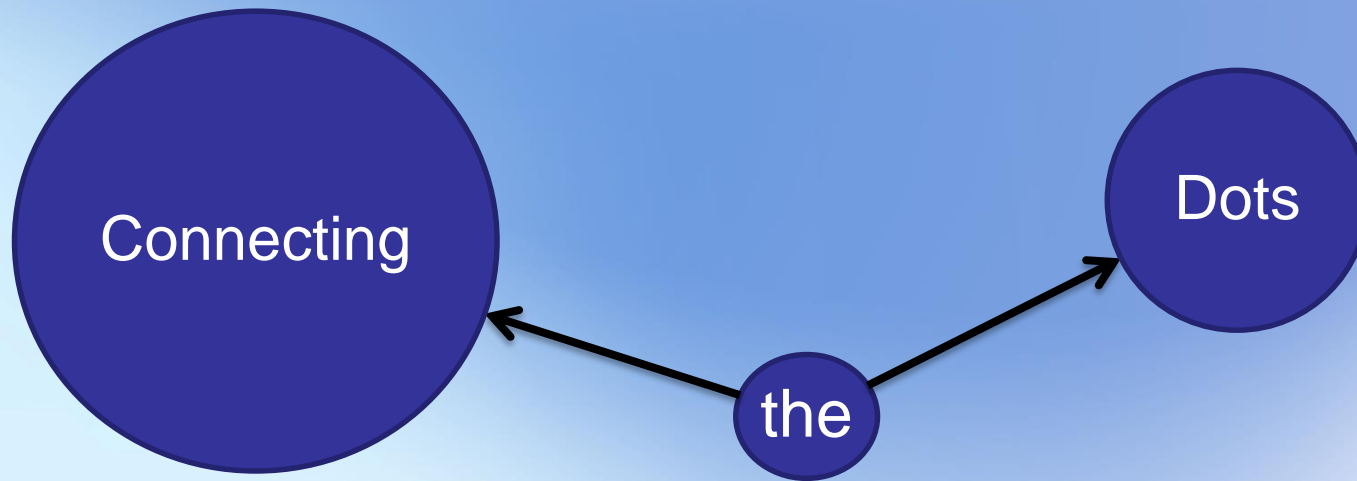
Laurie Allen, University of Pennsylvania Libraries
Matt Carruthers, University of Michigan
Amy Hunsaker, University of Nevada, Reno
Dana Miller, University of Nevada, Reno

June 24, 2017

Co-sponsors:

*LITA
ALCTS Cataloging and Metadata Management Section
ACRL Digital Humanities Interest Group*





Using Digital Scholarship Methods to Facilitate New Modes of Discovery in Special Collections

Matt Carruthers
Metadata Projects Librarian
University of Michigan

ALA Annual 2017
June 24, 2017

Problem Statement

Distinct archival collections can often be very interrelated, containing materials by or about the same people, institutions, or families.

This interrelation can be key to a researcher's understanding of the materials.

However, many current discovery interfaces for archival materials are not very good at representing the complex relationships between collections or entities represented in collections.

Clear publishing All Fields Find Search In: All Libraries
 Limit to Available online Include Search only (no full text) Search Tips Advanced

- Refine Search**
- Format: Archive
 - Format: Manuscript
 - Subject**
 - Publishers and publishing (22)
 - Correspondence (11)
 - Photographs (10)
 - University of Michigan (10)
 - Diaries (5)
 - more...
 - Academic Discipline**
 - English Language and Literature (2)
 - Humanities (2)
 - British and Irish Studies (1)
 - European Studies (1)
 - International Studies (1)
 - Format**
 - Mixed Material (37)
 - Biography (2)
 - Book (1)
 - Microform (1)
 - Language**
 - English (87)
 - French (4)
 - German (3)
 - Russian (2)
 - Croatian (1)
 - more...
 - Place of Publication**
 - United States (87)
 - United States -- Michigan (84)
 - United States -- New York

Showing 1 - 20 of 88 Results for all fields:publishing Sort: Relevance

For Selected items (0): List | Email | Export | Clear | Save Selected to Favorites

NO IMAGE AVAILABLE	Title	Author	Published	Format	Location	Status	Call Number / Description
<input type="checkbox"/>	Alternative plans for publishing my verse and plays should V. Gjolancz's offer not materialize, 1948.	by Browne, Maurice, 1881-1955.	Published: 1948	Archive	Special Collections Archival and Manuscript Collections	Building use only	VVB Browne Works
<input type="checkbox"/>	Jo Labadie papers, 1880-1931.	by Labadie, Jo, 1850-1933	Published: 1880	Archive	Special Collections Archival and Manuscript Collections	Building use only	Labadie Labadie
<input type="checkbox"/>	Check, 1875 Jan. 6, on the First National Bank, Hartford, to pay to the order of Bret Harte two hundred dollars.	by American Publishing Company (Hartford, Conn.)	Published: 1875	Archive	Special Collections Archival and Manuscript Collections	Building use only	Am. Lit. Authors
<input type="checkbox"/>	Broadside Press records, 1968-1999 (bulk, 1965-1996).	by Broadside Press	Published: 1968	Archive	Electronic Resources Special Collections Archival and Manuscript Collections	Finding aid available online PA	Access to the online version



Clear [input type="text"] All Fields [dropdown] Find Search In: UIM Ann Arbor Libraries [dropdown] Search Tips Advanced

Limit to Available online [checkbox] Include Search only (no full text) [checkbox] For Selected Items (0): List | Email | Export | Clear | Save Selected to Favorites

Alternative Press records, 1961-1998 (bulk 1970-1995)

- Main Author:** Alternative Press (Detroit, Michigan)
- Contributors:**
- Alfaro, John
 - Anderson, Archie
 - Andre, Carl, 1935-
 - Armstrong, Glen
 - Asadakis, Lynn
 - Banks, Russell, 1940-
 - Banks, Arnie, 1934-2014
 - Berkson, Bill
 - Berrigan, Ted
 - Bly, Robert
 - Brainerd, Joe, 1942-1994
 - Brook, Donna, 1944-
 - Bukowski, Charles
 - Campagn, Andrew G., 1935-
 - Carroll, Jim
 - Chandler, James, 1947-
 - Christopoulos, Lori
 - Christo, 1935-
 - Clark, John, 1918-1998
 - Clerk, Tom
 - Codrescu, Andrei, 1948-
 - Cope, David, 1948-
 - Creeley, Robert, 1926-2006
 - Dao, Bei
 - Di Prima, Diane
 - Dom, Edward
 - Drury, Finola
 - Ehrlich, Kenneth
 - Ejil, Oshie
 - Eskelinen, Clayton
 - Fitzsimmons, Thomas, 1926-
 - Ford, Charles Henri
 - Foye, Raymond, 1957-
 - Fraser, David
 - Ginsberg, Allen, 1926-1997
 - Giorno, John
 - Goodman, Brenda
 - Gustafson, Jim
 - Hall, Donald, 1928-
 - Harrison, Jim, 1957-2018
 - Hartigan, Grace
 - Hedric, Warren Jay, 1948-
 - Hejran, Lyn
 - Hershon, Robert
 - Holt, Anselm
 - Indiana, Robert, 1926-
 - Jones, Bradley
 - Katz, Alex, 1927-

View Similar Items

Bean spasms : collaborations / By Darrigan, Ted ; Paquet, Ron, 1942-; Brainerd, Joe, 1942-1994 ; Gering, Alex, 1926-1997. Charay Books (Firm). Published in 2012. Format: Book

Motor disturbance / By Dingle, Kenneth ; Katz, Alex, 1927-; Brainerd, Joe, 1942-1994 ; Waldman, Arnie, 1948-; Frank O'Hara Foundation. Published in 1971. Format: Book

More...

Find Items with Same Subjects

Committee of Small Magazine Editors and Publishers. Perishable Press Limited. More...



Mirlyn: Search Results - Google Chrome

Secure | https://mirlyn.lib.umich.edu/Search/Home?lookfor="Waldman%2C%20Anne%2C%201945-"&type=author

Wolverine Access: Home | Staff Intranet | Datamart: Home | mirlyn.umich.edu: Web | general | Metadata S... | Matt Carruthers - prof | Cataloging | Coding | Linked Data | Metadata Services | OpenRefine | Tools | Other bookmarks

Mirlyn Catalog

Search Tools | ArticlesPlus | MGet It | I.L.L. | Ask a Librarian

My Account | Favorites | Login

Clear "Waldman, Anne, 1945-" Author Find

Search in: UM Ann Arbor Libraries

Limit to Available online | Include Search only (no full text)









Search tips | Advanced

Refine Search

Showing 1 - 20 of 693 Results for author:"Waldman, Anne, 1945-" Sort: Relevance

For Selected items (0): List | Email | Export | Clear | Save Selected to Favorites

1 2 3 4 5 6 7 8 9 10 11 Next (35)

	Giant night : poems / by Waldman, Anne, 1945- Published: 1970 Book	Location	Status	Call Number / Description
		Special Collections General and Rare	Building use only	PS 3573 .A4215 Q43 1970
	Life notes / by Waldman, Anne, 1945- Published: 1973 Book	Location	Status	Call Number / Description
		Special Collections General and Rare	Building use only	PS 3573 .A4215 L72 1973
	Baby breakdown / by Waldman, Anne, 1945- Published: 1970 Book	Location	Status	Call Number / Description
		Hatcher Graduate — 3 South Special Collections General and Rare	On shelf Building use only	828 W1843b6 PS 3573 .A4215 B12 1970
	Blue mosque / by Waldman, Anne, 1945- Published: 1988 Book	Location	Status	Call Number / Description
		Duhr Shelving Facility Special Collections General and Rare	On shelf Building use only	020 W1643bL PS 3573 .A4215 D65 1988

Subject

- American poetry (67)
- American poetry 20th century (34)
- American literature (27)
- Beat generation (22)
- Poets, American (20)
- more...

Academic Discipline

- Humanities (652)
- English Language and Literature (619)
- General and Comparative Literature (56)
- Arts (23)
- Art History (16)
- more...

Format

- Book (614)
- Journal (57)
- Serial (57)
- Archive (10)
- Biography (9)
- more...

Language

- English (671)
- German (14)
- Italian (9)
- Chinese (5)
- French (5)
- more...

Place of Publication

- United States (24)

ALA Annual 2017
June 24, 2017



Mirlyn: Search Results - Google Chrome

Secure | https://mirlyn.lib.umich.edu/Search/Home?lookfor="Waldman%2C%20Anne%2C%201945-"&type=author

Wolverine Access: Home | Staff Intranet | Datamart: Home | mirlyn.umich.edu: Web | general | Metadata S... | Matt Carruthers - prof | Cataloging | Coding | Linked Data | Metadata Services | OpenRefine | Tools | Other bookmarks

Mirlyn Catalog

Search Tools | ArticlesPlus | MGet It | I.L.L. | Ask a Librarian

My Account | Favorites | Login

Clear "Waldman, Anne, 1945-" Author Find

Search in: UIM Ann Arbor Libraries

Limit to Available online | Include Search only (no full text)

Search tips | Advanced

Refine Search

Showing 1 - 20 of 693 Results for author:"Waldman, Anne, 1945-" Sort: Relevance

For Selected items (0): List | Email | Export | Clear | Save Selected to Favorites

1 2 3 4 5 6 7 8 9 10 11 Next (35)

<input type="checkbox"/>		Giant night : poems / by Waldman, Anne, 1945- Published: 1970 Book	Location	Status	Call Number / Description
<input type="checkbox"/>		Life notes / by Waldman, Anne, 1945- Published: 1973 Book	Location	Status	Call Number / Description
<input type="checkbox"/>		Baby breakdown / by Waldman, Anne, 1945- Published: 1970 Book	Location	Status	Call Number / Description
<input type="checkbox"/>		Blue mosque / by Waldman, Anne, 1945- Published: 1988 Book	Location	Status	Call Number / Description

Subject

- American poetry (67)
- American poetry 20th century (34)
- American literature (27)
- Beat generation (22)
- Poets, American (20)
- more...

Academic Discipline

- Humanities (652)
- English Language and Literature (619)
- General and Comparative Literature (56)
- Arts (23)
- Art History (16)
- more...

Format

- Book (614)
- Journal (57)
- Serial (57)
- Archive (10)**
- Biography (9)
- more...

Language

- English (671)
- German (14)
- Italian (9)
- Chinese (5)
- French (5)
- more...

Place of Publication

- United States (24)

ALA Annual 2017
June 24, 2017



Mirlyn: Search Results - Google Chrome

Secure | https://mirlyn.lib.umich.edu/Search/Home?type%5B%5D=author&lookfor%5B%5D=Waldman%2C%20Anne%2C%201945-1&filter%5B%5D=format%3AArchive

Wolverine Access: Home | Staff Intranet | Datamart: Home | mirlyn.umich.edu: Web | general | Metadata S... | Matt Carruthers - prof | Cataloging | Coding | Linked Data | Metadata Services | OpenRefine | Tools | Other bookmarks

Mirlyn Catalog

Search Tools | ArticlesPlus | MGet It | I.L.L. | Ask a Librarian

My Account | Favorites | Login

Clear "Waldman, Anne, 1945-" Author Find

Search in: UM Ann Arbor Libraries

Limit to Available online Include Search only (no full text)

Search Tips Advanced

Refine Search

Format: Archive

Subject

- American poetry (9)
- American poetry 20th century (9)
- Beat generation (8)
- Bohemianism (8)
- Bohemianism United States 20th century (8)
- more...

Academic Discipline

Format

- Audio (5)
- Audio (spoken word) (5)
- Manuscript (5)
- Mixed Material (5)
- Music (5)

Language

- English (10)

Place of Publication

- United States (10)
- United States -- Michigan (10)

Date of Publication

- 1900 (5)
- 1900-1909 (5)
- 1930 (1)
- 1930-1939 (1)
- 1950 (1)
- more...

Region









Library

- Special Collections (10)

Showing 1 - 10 of 10 Results for author:"Waldman, Anne, 1945-"

Sort: Relevance

For Selected items (0): List | Email | Export | Clear | Save Selected to Favorites

<input type="checkbox"/>	 Anne Waldman papers. Audio series. Part 2: WALDCA-31 - WALDCA-60 by Waldman, Anne, 1945- Published: 20th century (exact date unknown) Audio (spoken word) Audio Archive	Location	Status	Call Number / Description
<input type="checkbox"/>	 Save to Favorites	Electronic Resources Special Collections	Finding aid available online See holdings	Access to the online version: WALDCA-31 - WALDCA-60
<input type="checkbox"/>	 Anne Waldman papers. Audio series. Part 3: WALDCA-61 - WALDCA-90 by Waldman, Anne, 1945- Published: 20th century (exact date unknown) Audio (spoken word) Audio Archive	Location	Status	Call Number / Description
<input type="checkbox"/>	 Save to Favorites	Electronic Resources Special Collections	Finding aid available online See holdings	Access to the online version: WALDCA-61 - WALDCA-90
<input type="checkbox"/>	 Anne Waldman papers. Audio series. Part 4: WALDCA-91 - WALDCA-120 by Waldman, Anne, 1945- Published: 20th century (exact date unknown) Audio (spoken word) Audio Archive	Location	Status	Call Number / Description
<input type="checkbox"/>	 Save to Favorites	Electronic Resources Special Collections	Finding aid available online See holdings	Access to the online version: WALDCA-91 - WALDCA-120
<input type="checkbox"/>	 Anne Waldman papers. Audio series. Part 5: WALDCA-121 - WALDCA-150 by Waldman, Anne, 1945- Published: 20th century (exact date unknown) Audio (spoken word) Audio Archive	Location	Status	Call Number / Description
<input type="checkbox"/>	 Save to Favorites	Electronic Resources Special Collections	Finding aid available online	Access to the online version:

ALA Annual 2017
June 24, 2017





Clear [input type="text"/> All Fields [dropdown] Find

Search in: UM Ann Arbor Libraries [dropdown]

Limit to Available online Include Search only (no full text)

Search tips Advanced

Back to Results Previous record Showing record 6 of 10 Next record

Cite this Text this Email Export to networks Export to Endnote For Selected Items (0): List Email Export Clear Save Selected to Favorites



Save to Favorites

David Cope papers, 1972-

Main Author: Cope, David, 1948-

- Contributors:
- Artler, 1948-
 - Clausen, Andy
 - Cohn, Jim, 1953-
 - Cresley, Robert, 1928-2005
 - Drury, Finola
 - Fellinghoff, Lawrence
 - Ginsberg, Allen, 1908-1997
 - Jayne, Edward, 1834-
 - Katz, Eliot
 - Kyger, Joanne
 - Lanigan, Thomas
 - Marion, Paul
 - Morgan, Bill, 1948-
 - Nyles, Eileen
 - Pingston, Michael
 - Poniewoz, Jeff
 - Rakos, Carl, 1903-2004
 - Rison, Bob
 - Ruggie, James
 - Silberman, Steve
 - Snyder, Gary, 1930-
 - Taylor, Shawn
 - Waldman, Anne, 1945-

Format: Archive

Language: English

Published: (exact date unknown)

Summary: Collection includes: correspondence, consisting of letters, some enclosing manuscripts and ephemera, from poets Artler, Jeff Poniewoz, Robert Cresley, Allen Ginsberg, Carl Rakos and an extensive series from Jim Cohn, to name a few. Topics largely concern the writing and study of poetry, especially Cope's association with the poets of the Beat Gene ... (full summary)

Holdings Description Subjects MARC View

Electronic Resources

Access to the online version:

Finding aid available online

View Similar Items

The best minds of my generation : a literary history of the Beats / By: Ginsberg, Allen, 1928-1997; Morgan, Bill, 1948; Waldman, Anne, 1945- Published in 2017 Format: Book

Napalm health spa : report. By: Cohn, Jim, 1953-; Cope, David, 1948-; Waldman, Anne, 1945-; Drury, Finola. Published in in the 20th century Format: Journal

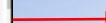
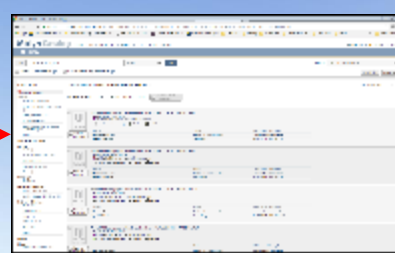
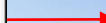
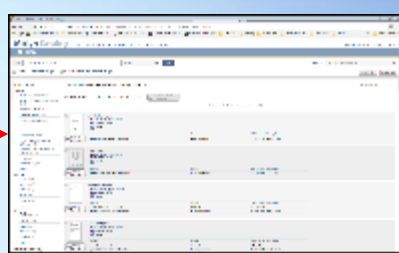
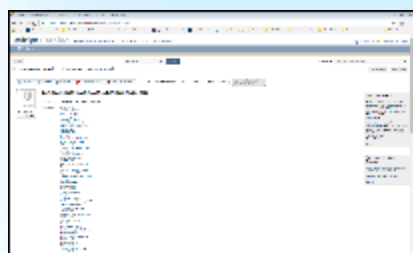
More...

Find Items with Same Subjects

American poetry -- 20th century. Authors and publishers.

More...





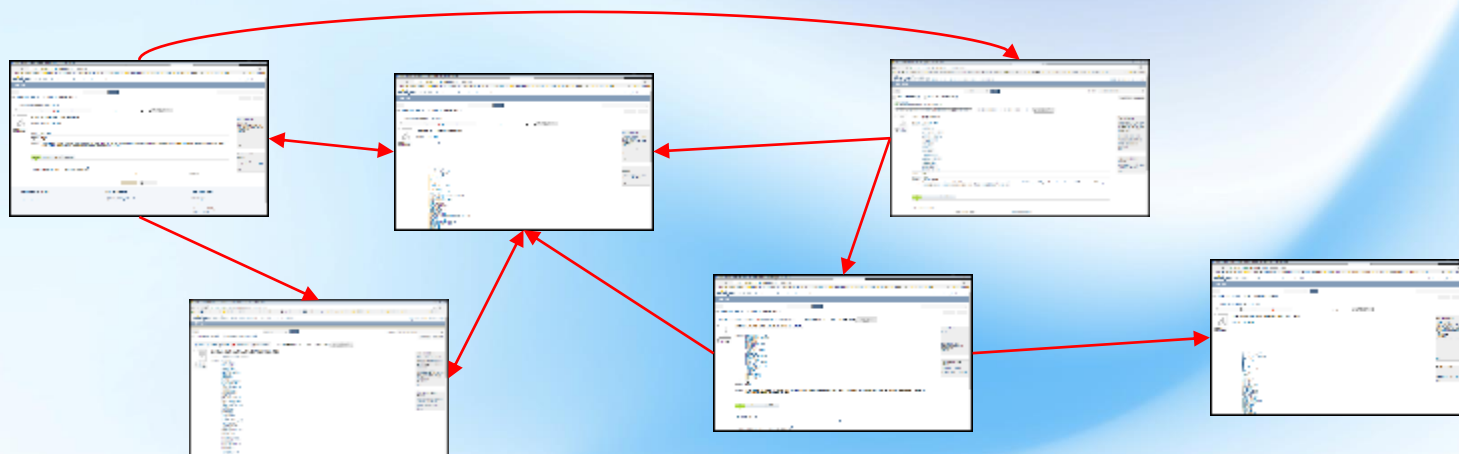
ALA Annual 2017
June 24, 2017



Problem Statement Pt. 2

Relationships among archival collections and entities represented in collections are often not linear.

There is often a high level of interconnectedness and context that can be lost in traditional discovery environments.



Special Collections Digital Scholarship Team

Team:

Associate Director of Special Collections

Information Resources Specialist, Special Collections

Digital Scholarship Librarian

Metadata Projects Librarian

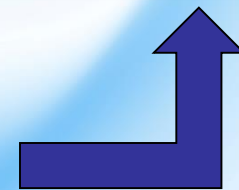
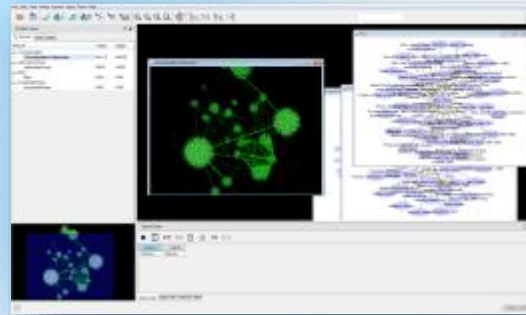
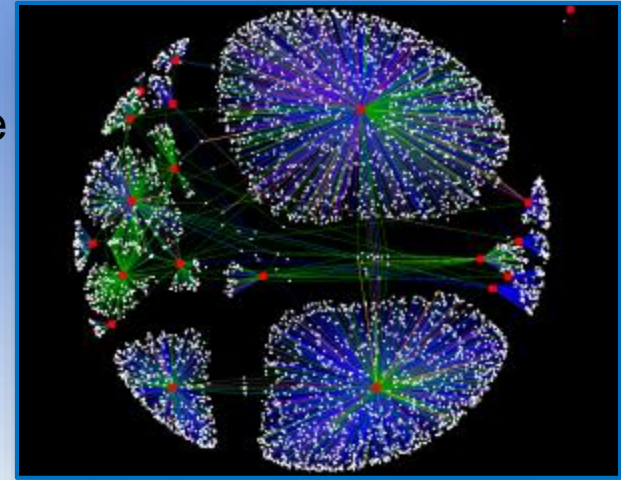
Goals:

1. Explore using digital scholarship methods and tools to enhance user experience and resource discovery in Special Collections.
2. Develop a pilot project as a proof of concept for a new service.

Result

Provide visualization on demand, customized to a patron's individual research question.

- Use data from finding aids and publicly accessible databases along with open-source tools to create interactive visualizations of social networks of the entities and resources in our archival collections.
- Make connections between entities more apparent and provide a discovery tool to spur further inquiry and research.



Data Processing: Tools

EAC-CPF record creation:

Social Networks and Archival Context

<http://socialarchive.iath.virginia.edu/snac/search>

Remixing Archival Metadata Project

<http://rampeditor.info>

xEAC

<https://github.com/ewg118/xEAC>

More Data Processing

Use XSLT to extract information about connections and format output files as tab-delimited text.

EAC-CPF

XSLT

Tab-delimited
text

```
<?xml version="1.0" encoding="UTF-8" ?>
<relationships xmlns="http://schemas.loc.gov/2001/01/relati..."/>
<relationships xmlns="http://schemas.loc.gov/2001/01/relati..."/>
<relationships xmlns="http://schemas.loc.gov/2001/01/relati..."/>
<relationships xmlns="http://schemas.loc.gov/2001/01/relati..."/>
<relationships xmlns="http://schemas.loc.gov/2001/01/relati..."/>
<relationships xmlns="http://schemas.loc.gov/2001/01/relati..."/>
</relationships>
```



```

<!-- Output records to a tab-delimited text output as a tab-delimited text file. -->
<xsl:output method="text" encoding="UTF-8" media-type="text/tab-separated-values"/>

<xsl:template match="/" mode="output">
  <xsl:variable name="relationships" select="relationships" data-type="node-set"/>
  <xsl:for-each select="$relationships">
    <xsl:element name="record">
      <xsl:attribute name="id" value="{@id}"/>
      <xsl:attribute name="type" value="{@type}"/>
      <xsl:attribute name="date" value="{@date}"/>
      <xsl:attribute name="title" value="{@title}"/>
      <xsl:attribute name="description" value="{@description}"/>
      <xsl:attribute name="creator" value="{@creator}"/>
      <xsl:attribute name="contributor" value="{@contributor}"/>
      <xsl:attribute name="publisher" value="{@publisher}"/>
      <xsl:attribute name="distributor" value="{@distributor}"/>
      <xsl:attribute name="performer" value="{@performer}"/>
      <xsl:attribute name="recipient" value="{@recipient}"/>
      <xsl:attribute name="recipient-name" value="{@recipient-name}"/>
      <xsl:attribute name="recipient-address" value="{@recipient-address}"/>
      <xsl:attribute name="recipient-city" value="{@recipient-city}"/>
      <xsl:attribute name="recipient-state" value="{@recipient-state}"/>
      <xsl:attribute name="recipient-country" value="{@recipient-country}"/>
      <xsl:attribute name="recipient-zip" value="{@recipient-zip}"/>
      <xsl:attribute name="recipient-email" value="{@recipient-email}"/>
      <xsl:attribute name="recipient-website" value="{@recipient-website}"/>
      <xsl:attribute name="recipient-telephone" value="{@recipient-telephone}"/>
      <xsl:attribute name="recipient-fax" value="{@recipient-fax}"/>
      <xsl:attribute name="recipient-other" value="{@recipient-other}"/>
    
  


```



id	type	date	title	description	creator	contributor	publisher	distributor	performer	recipient	recipient-name	recipient-address	recipient-city	recipient-state	recipient-country	recipient-zip	recipient-email	recipient-website	recipient-telephone	recipient-fax	recipient-other	
1000000001	Individual	1850	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1000000002	Individual	1850

More Data Processing

Information extracted:

- Name of connection
- Type of entity
- Type of connection
- Link to more information (when available)

```
<cpfRelation
  xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#associatedWith"
  xlink:href="http://n2t.net/ark:/99166/w6f48mrk"
  xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
  xlink:type="simple" xmlns:xlink="http://www.w3.org/1999/xlink">
  <relationEntry>Zirlin, Larry.</relationEntry>
</cpfRelation>
```

More Data Processing

Information extracted:

- Name of connection
- Type of entity
- Type of connection
- Link to more information (when available)

```
<cpfRelation
  xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#associatedWith"
  xlink:href="http://n2t.net/ark:/99166/w6f48mrk"
  xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
  xlink:type="simple" xmlns:xlink="http://www.w3.org/1999/xlink">
  <relationEntry>Zirlin, Larry.</relationEntry>
</cpfRelation>
```

More Data Processing

Information extracted:

- Name of connection
- **Type of entity**
- Type of connection
- Link to more information (when available)

Entity types:

- Person
- Corporate Body
- Family
- Archival Resource
- Bibliographic Resource

```
<cpfRelation
  xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#associatedWith"
  xlink:href="http://n2t.net/ark:/99166/w6f48mrk"
  xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
  xlink:type="simple" xmlns:xlink="http://www.w3.org/1999/xlink">
  <relationEntry>Zirlin, Larry.</relationEntry>
</cpfRelation>
```

The Process

Information extracted:

- Name of connection
- Type of entity
- **Type of connection**
- Link to more information (when available)

Connection types:

- Associated With
- Corresponded With
- Creator Of
- Referenced In

```
<cpfRelation
  xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#associatedWith"
  xlink:href="http://n2t.net/ark:/99166/w6f48mrk"
  xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
  xlink:type="simple" xmlns:xlink="http://www.w3.org/1999/xlink">
  <relationEntry>Zirlin, Larry.</relationEntry>
</cpfRelation>
```

More Data Processing

Information extracted:

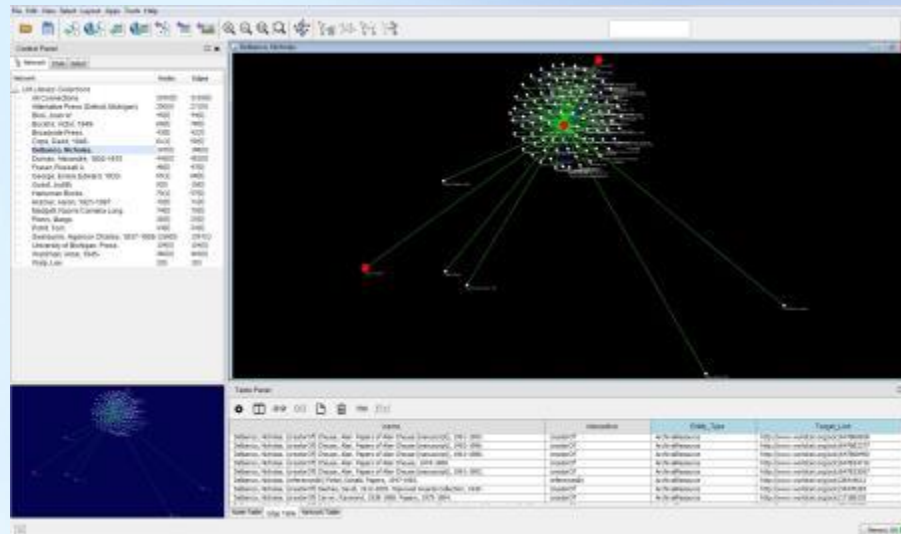
- Name of connection
- Type of entity
- Type of connection
- **Link to more information (when available)**

```
<cpfRelation
  xlink:arcrole="http://socialarchive.iath.virginia.edu/control/term#associatedWith"
  xlink:href="http://n2t.net/ark:/99166/w6f48mrk"
  xlink:role="http://socialarchive.iath.virginia.edu/control/term#Person"
  xlink:type="simple" xmlns:xlink="http://www.w3.org/1999/xlink">
  <relationEntry>Zirlin, Larry.</relationEntry>
</cpfRelation>
```

Visualizing the Data

Cytoscape – <http://cytoscape.org/>

- Open source desktop application for visualizing complex networks.



Session: \\uflib-users.m.storage.umich.edu\uf\ib-users\home\folders\vm\caruth\Documents\Consultations\Special Collections\SNAC EAC\Excel files version 2\LiteraryCollection2016.cys

File Edit View Select Layout Apps Tools Help

Control Panel

Network Style Select

Network	Nodes	Edges
UM Literary Collections		
All Connections	2930(0)	3159(1)
Alternative Press (Detroit, Michigan)	200(0)	271(0)
Blos, Joan W.	45(0)	44(0)
Bockris, Victor, 1949-	69(0)	78(0)
Broadside Press	43(0)	42(7)
Cope, David, 1948-	61(1)	90(0)
Delbanco, Nicholas	107(0)	106(0)
Dumas, Alexandre, 1802-1870	445(0)	482(0)
Fraser, Russell A.	40(0)	47(0)
George, Emery Edward, 1933-	65(1)	68(0)
Guest, Judith	9(0)	30(0)
Hanuman Books	70(1)	97(0)
Kramer, Aaron, 1921-1997	72(0)	71(0)
Madgett, Naomi Cornelia Long	74(0)	75(0)
Piercy, Marge	26(0)	15(0)
Pohrt, Tom	23(0)	23(0)
Swinburne, Algernon Charles, 1837-19	1258(0)	1297(1)
University of Michigan Press	104(0)	104(0)
Waldman, Anne, 1945-	360(0)	493(0)
Walp, Lee	2(0)	1(0)

All Connections

Table Panel

name	interaction	Entity_Type	Target_Link
Madgett, Naomi Cornelia Long. (associatedWith) Reed, Ishmael, 1938-	associatedWith	Person	http://hdl.handle.net/99166/w6f2qjg

Node Table Edge Table Network Table





Memory: OK

ALA Annual 2017
June 24, 2017



Visualizing the Data

Edge Color (Unselected) Mapping

Edge Color (Unselected)	interaction
	associatedWith
	correspondedWith
	creatorOf
	referencedIn

Session: \\uflib-users.m.storage.umich.edu\uf\ib-users\home\folders\vm\caruth\Documents\Consultations\Special Collections\SNAC EAC\Excel files version 2\LiteraryCollection2016.cys

File Edit View Select Layout Apps Tools Help

Control Panel

Network Style Select

Network	Nodes	Edges
UM Literary Collections		
All Connections	2930(0)	3159(1)
Alternative Press (Detroit, Michigan)	200(0)	271(0)
Blos, Joan W.	45(0)	44(0)
Bockris, Victor, 1949-	69(0)	78(0)
Broadside Press	43(0)	42(7)
Cope, David, 1948-	61(1)	90(0)
Delbanco, Nicholas	107(0)	106(0)
Dumas, Alexandre, 1802-1870	445(0)	482(0)
Fraser, Russell A.	40(0)	47(0)
George, Emery Edward, 1933-	65(1)	68(0)
Guest, Judith	9(0)	30(0)
Hanuman Books	70(1)	97(0)
Kramer, Aaron, 1921-1997	72(0)	71(0)
Madgett, Naomi Cornelia Long	74(0)	75(0)
Piercy, Marge	26(0)	15(0)
Pohrt, Tom	23(0)	23(0)
Swinburne, Algernon Charles, 1837-19	1258(0)	1297(1)
University of Michigan Press	104(0)	104(0)
Waldman, Anne, 1945-	360(0)	493(0)
Walp, Lee	2(0)	1(0)

All Connections

Table Panel

name	interaction	Entity_Type	Target_Link
Madgett, Naomi Cornelia Long. (associatedWith) Reed, Ishmael, 1938-	associatedWith	Person	http://hdl.net/ark:/99166/w6f2qjg

Node Table Edge Table Network Table

Memory: OK

ALA Annual 2017
June 24, 2017



Session: \\ulib-users.mstorage.umich.edu\ulib-users\homefolders\vmcamuth\Documents\Consultations\Special Collections\SNAC EAC\Excel files version 2\LiteraryCollection2016.xls

File Edit View Select Layout Apps Tools Help

Control Panel

Network Style Select

Network	Nodes	Edges
UM Literary Collections		
All Connections	2630(0)	3159(1)
Alternative Press (Detroit, Michigan)	200(0)	271(0)
Blos, Joan W.	45(0)	44(0)
Bockris, Victor, 1949-	69(0)	78(0)
Broadside Press	430(0)	42(7)
Cope, David, 1948-	61(1)	90(0)
Delbanco, Nicholas	207(0)	108(0)
Dumas, Alexandre, 1802-1870	445(0)	462(0)
Fraser, Russell A.	48(0)	47(0)
George, Emery Edward, 1933-	65(1)	68(0)
Guest, Judith	9(0)	10(0)
Hanuman Books	70(1)	97(0)
Kramer, Aaron, 1921-1997	72(0)	71(0)
Madgett, Naomi Comelia Long	74(0)	75(0)
Piercy, Marge	26(0)	25(0)
Pont, Tom	23(0)	23(0)
Swinburne, Algemon Charles, 1837-19	1258(0)	1297(1)
University of Michigan Press	304(0)	104(0)
Waldman, Anne, 1945-	360(0)	493(0)
Walp, Lee	2(0)	1(0)

Delbanco, Nicholas

Table Panel

name	interaction	Entity_Type	Target_Link
Delbanco, Nicholas. (creatorOf) Cheuse, Alan. Papers of Alan Cheuse [manuscript], 1991-1995.	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/647860658
Delbanco, Nicholas. (creatorOf) Cheuse, Alan. Papers of Alan Cheuse [manuscript], 1992-1996.	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/647883377
Delbanco, Nicholas. (creatorOf) Cheuse, Alan. Papers of Alan Cheuse [manuscript], 1961-1988.	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/647808490
Delbanco, Nicholas. (creatorOf) Cheuse, Alan. Papers of Alan Cheuse, 1974-1989.	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/647824710
Delbanco, Nicholas. (creatorOf) Cheuse, Alan. Papers of Alan Cheuse [manuscript], 1991-1992.	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/647833097
Delbanco, Nicholas. (referencedIn) Finkel, Donald. Papers, 1947-1983.	referencedIn	ArchiveResource	http://www.worldcat.org/oclc/28419612
Delbanco, Nicholas. (creatorOf) Satches, David, 1912-2003. Hopwood Awards Collection, 1930-	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/34370265
Delbanco, Nicholas. (creatorOf) Carver, Raymond, 1938-1988. Papers, 1973-1984.	creatorOf	ArchiveResource	http://www.worldcat.org/oclc/17188335

Node Table | Edge Table | Network Table

Memory OK

ALA Annual 2017
June 24, 2017



Sharing the Visualizations

Share visualizations via web-publishing companion platform to Cytoscape:

CyNetShare

<http://cynetshare.ucsd.edu/#/>

Working example:

<http://goo.gl/eHYLUi>

Sharing the Visualizations

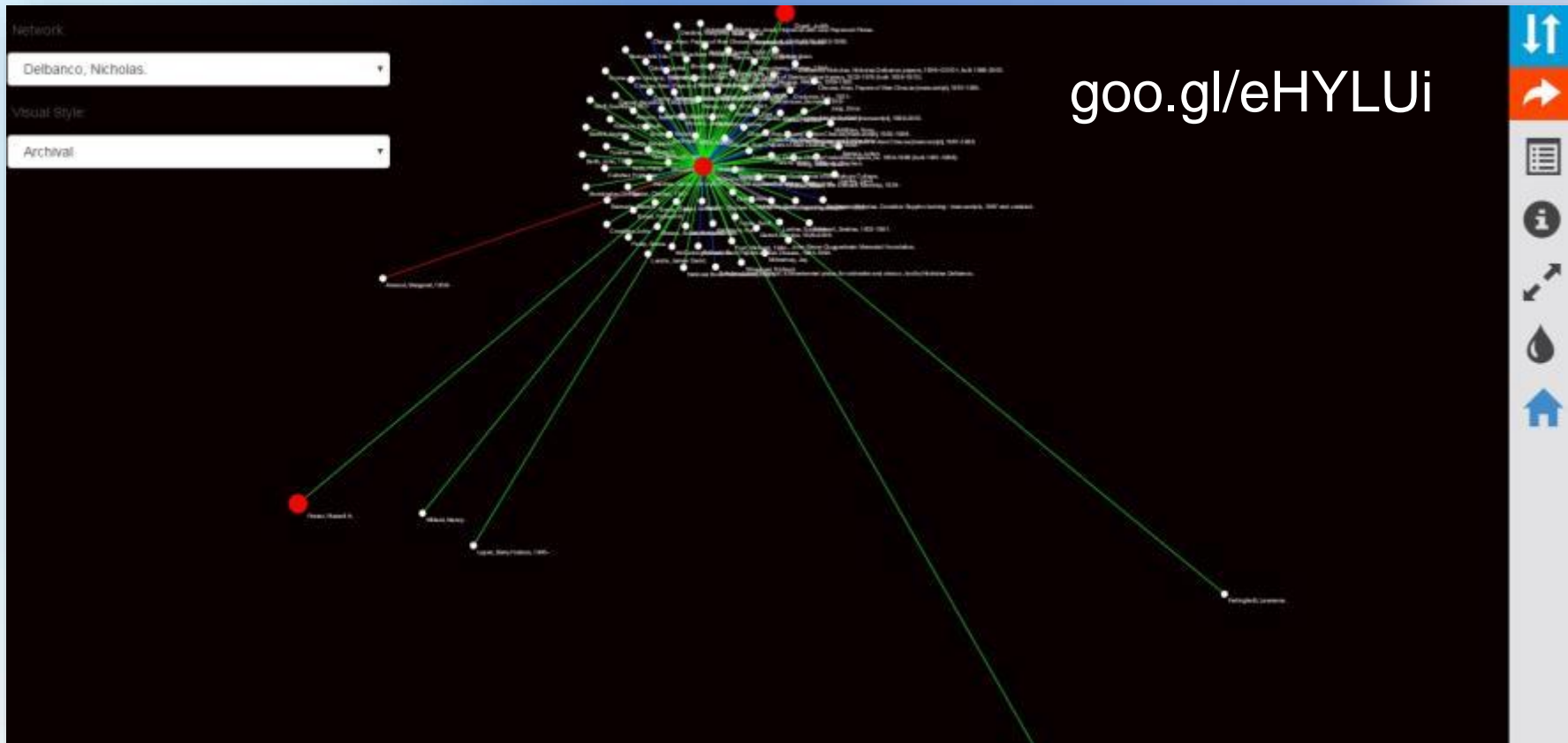
CyNetShare



An easy way to share your network visualizations

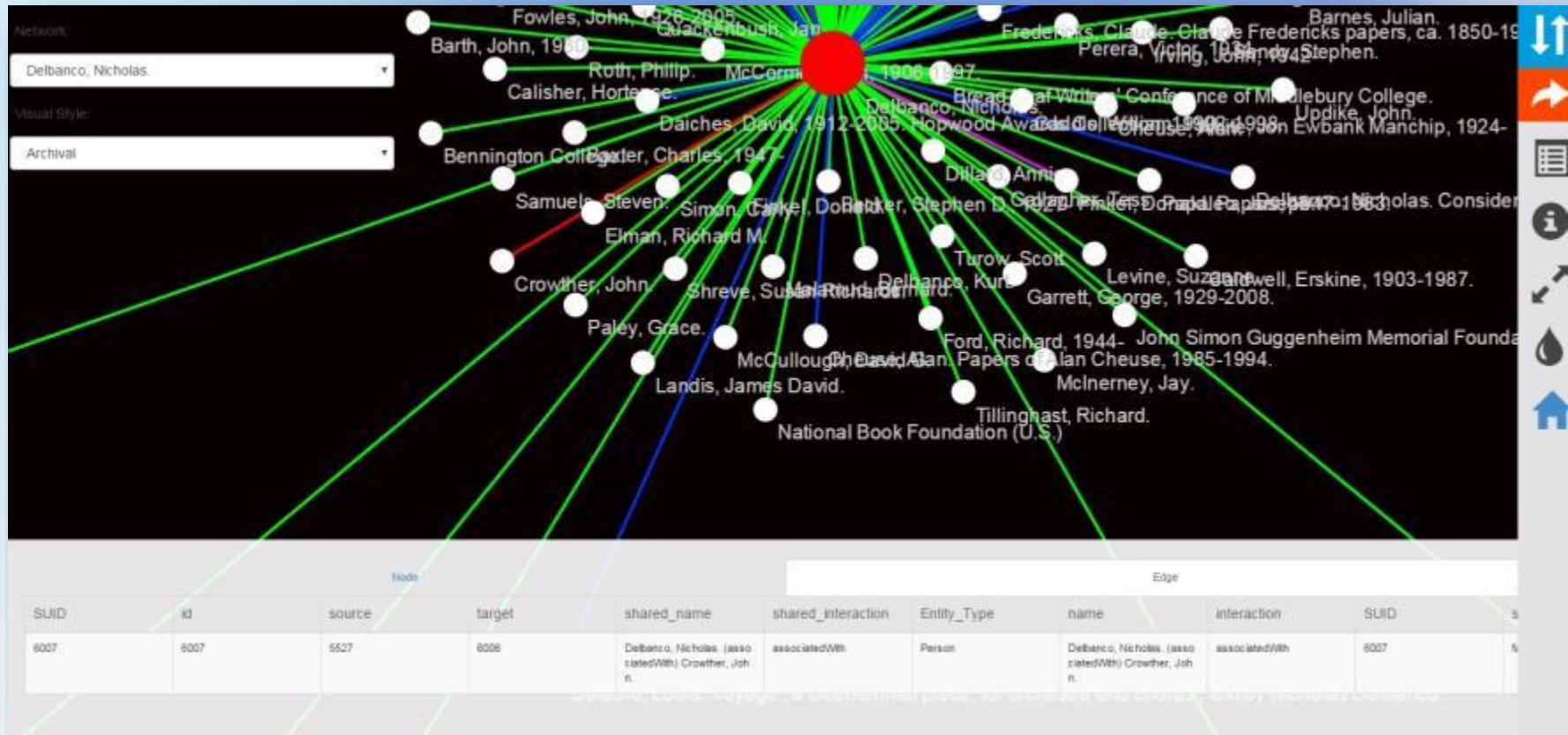
The image shows a web interface for sharing network visualizations. It features several input fields and a button. The fields are: 'Project Web Site', 'Documentation', 'Public Files', 'Gists', 'Network Data URL' (with a sub-label 'Enter Network File URL'), and 'Visual Style URL (Optional)' (with a sub-label 'Enter Style URL'). A green button labeled 'Visualizer' is located to the right of the 'Visual Style URL' field. The background of the interface is a light blue and white network graph.

Sharing the Visualizations



ALA Annual 2017
June 24, 2017

Sharing the Visualizations



ALA Annual 2017
June 24, 2017



Results

- Developed a proof of concept for a new service.
- Produce customized interactive visualizations of archival collections in less than 10 minutes.
- Requires no investment of money, digital infrastructure, or support from library IT.

Next Steps

- Consider accessibility issues

Next Steps

- Consider accessibility issues
- Continue to streamline the workflow

Next Steps

- Consider accessibility issues
- Continue to streamline the workflow
- Perform user testing (Incorporate feedback into service model)

Next Steps

- Consider accessibility issues
- Continue to streamline the workflow
- Perform user testing (Incorporate feedback into service model)
- Explore more options for using and manipulating the data

Final thoughts

In general, the viability of a visualization or discovery service hinges on metadata.

Final thoughts

In general, the viability of a visualization or discovery service hinges on metadata.

So metadata processing and manipulation techniques will play a crucial role.

Final thoughts

In general, the viability of a visualization or discovery service hinges on metadata.

So metadata processing and manipulation techniques will play a crucial role.

But it's also only one piece of the puzzle in creating a viable product.

Final thoughts

In general, the viability of a visualization or discovery service hinges on metadata.

So metadata processing and manipulation techniques will play a crucial role.

But it's also only one piece of the puzzle in creating a viable product.

Use existing technologies and tools to help you whenever possible.

Thanks!

Matt Carruthers

mcarruth@umich.edu

@mattadata2