# The Western Name Authority File:

Improving Access for Digital Collections and Archives

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# The many names of Charles Savage

Metadata problems when collections are aggregated:

- Savage, C. R. (Charles Roscoe), 1832-1909
- Savage, C. R.(Charles Roscoe),1832-1909
- Savage, C.R. (Charles Roscoe)
- Savage, Charles R.
- C. R. Savage (Charles Roscoe Savage and George Ottinger), Pioneer Art Gallery, East Temple Street, Salt Lake City, Utah
- Charles R. Savage
- Savage, Charles Roscoe
- C. R. (Charles Roscoe) Savage, photographer
- Savage, C. R.
- Charles R.



#### Charles R. Savage, perplexed by his many name variants.

Charles R. Savage Utah State Historical Society Classified Photograph Collection https://collections.lib.utah.edu/details?id=432953

# Our digital library => MWDL => DPLA

A Willard Marriett Library The country of vites	ALL U NEED				Mountain West Digital Library	HOME SCARCH #
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				List Map Timeline Charles r savage	Q	
		Search Results			Save Share	
		Your search for charles r savage n	eturned 2,365 result	from 43 contributing institutions		
		Items per page: 20 = 2 Sort by	(Reinverse 1)	All terrers Lange All terrers Lange All terrers Lange All terrers Lange All terrers Lange All terrers All terrers A		
		Refine search				
		Subject	•		~	
		Photographs	1643 592			
		Portraits Salt Lake City (Utah)	268		20	
		Stereographs	174		4. B.	

# Librarians, names, and organization

Value of name authority control:

- Easier searching for known names
- Make searching more predictable
- Consistency of records
- Organize and collocate information
- Efficiency for metadata creators
- Easier to maintain data over time
- Less errors in data
- Differentiate similar names
- Provide context for names

8. Navaho man and child. 1913 Dr. Elliott, photo Utah American Indian Digital Archive https://collections.lib.utah.edu/details?id=390032



 Navaho man and child. 1913 Dr.Elliott, photo.

# LC Name Authority File (LCNAF)

The Library of Congress

>> Go to Library of Congress Online Catalog

#### LIBRARY OF CONGRESS AUTHORITIES

Help 1 New Search Headings Start Search History List Over

SOURCE OF HEADINGS: Library of Congress Online Catalog

YOU SEARCHED: Name Authority Headings = savage, c. r.

SEARCH RESULTS: Displaying 1 through 100 of 100.

#### < Previous 👘 Next 🕨

#	Bib Records	select icon in first column to View Authority Headings/References	Type of Heading					
Authorized Heading 1	22	Savage, C. R. (Charles Roscoe), 1832-1909	personal name					
Authorized Heading 2	0	Savage, C. V.	personal name					
Authorized Heading 3	7	Savage, C. Wade	personal name					
Authorized Heading 4	1	Savage, Calley Jarrell	personal name					
References	0	Savage, Candace, 1949-	personal name					
Authorized Heading 6	23	Savage, Candace Sherk, 1949-	personal name					
References 7	0	Savage, Candida	personal name					

# Getty's Union List of Artist Names (ULAN)



Research

Research Home > Tools > Union List of Artist Names > Full Record Display



Full Record Display

Q New Search

Previous Page

Click the 💑 icon to view the hierarchy.

#### Semantic View (JSON, JSONLD, RDF, N3/Turtle, N-Triples) ID: 500005101

Record Type: Person

? Help

👗 Savage, Charles Roscoe (American photographer, 1832-1909)

**Note:** Born 16 August 1832; died 3 February 1909. Savage came to America in 1857 and began to photograph in Florence, Nebraska in 1859. Savage settled in Salt Lake City, Utah and set up a studio in 1861. In 1866, Savage photographed his 9000 mile tour of North America. Savage travelled extensively along the transcontinental railroad photographing its construction. He photographed the completion of the railroad at Promontory Point, Utah in 1869. Savage also produced scenic views of the West in cartes-de-visites form. In the 1880s, Savage formed a partnership with a Denver, Colorado publisher Frank S. Thayer, to produce a series of guidebooks to Utah.

Names:

Savage, Charles Roscoe (preferred,V,index) Charles Roscoe Savage (V,display) Savage, Chas. R. (V) Savage, C. R. (U,LC)

# Virtual International Authority File (VIAF)

#### VIAF

Virtual International Authority File

Search			
Select Field: All Headings	Select Index: All VIAF	Search Terms: savage, charles	Search
	2009 X 2009 X 2009 X 2019 X	r, 1832-1909) 📰	
Preferred Forms			
100 0 <u>ta Charles</u> 200 <u>ta Savage</u>	Roscoe Savage	1909	
100 1 <u>ta Savage</u>	. C. R. ±d 1832-1909	td 1832-1909	
	Charles Roscoe tg America		

# Western Name Authority File (WNAF)

How would a local/regional name authority file fit in with the national/international authority files?

- Provide new ways of visualizing local collections
  - Uncover connections and shared content areas
- Provide guidance to institutions who don't have staff capacity to do in depth authority work
- Pipeline of information to national authority files
- Highlight importance of local authority work

#### Library systems - MARC authority records

000 00820cz a2200229n 450

001 2909791

005 20130830073801.0

008 841123n | azannaabn |a aaa c

**010 |a** n 84131226

035 \_\_ |a (OCoLC)oca01219006

040 \_\_\_ |a CLU |b eng |e rda |c DLC |d DLC |d OCoLC |d UPB |d DLC |d UPB

046 \_\_ |f 1832 |g 1909

100 1\_ |a Savage, C. R. |q (Charles Roscoe), |d 1832-1909

370 \_\_ |f Utah

374 \_\_ |a Photographers |2 itoamc

375 \_\_ |a male

378 \_ |q Charles Roscoe

400 1\_ |a Savage, Charles Roscoe, |d 1832-1909

670 \_\_ |a His Views of Utah, 1883: |b t.p. (C. R. Savage)

670 \_\_ |a NUC pre-1956 |b (hdg.: Savage, Charles Roscoe, 1832-1909; usage: C. R. Savage; variant: Chas. R. Savage)

678 0\_ |a C.R. Savage (1832-1909) was a photographer of the American West in the late 1800s and early 1900s.

953 \_\_\_\_ |a bz70

### Library systems - digital library systems

No good way to do name authority in digital collections Regionally, partners using a variety of shared systems for their digital libraries

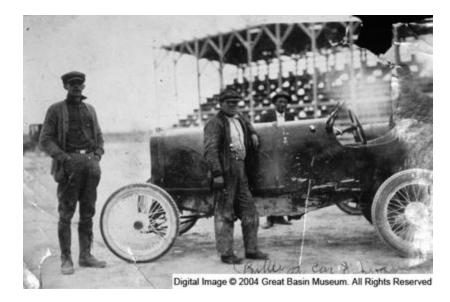
No way to automatically look up against national authority files Need a centralized list of names for reference

Last Name	Given Name	Maiden Name	Birth Date	Death Date
Allred	Ellen	Shepherd	12 May 1845	15 Dec 1928
Ashworth	Mary Elizabeth	Shepherd	24 Mar 1854	11 Apr 1932
Bailey	Charlotte	Shepherd	7 May 1848	7 Jul 1937
Barney	Priscilla Ann	Shepherd	4 May 1842	2 Nov 1916
Blackham	Priscille Ann	Shepherd	4 May 1842	20 Sep 1916
Davidson	Lydia	Shepherd	16 Sep 1836	
Derrick	Mary	Shepherd	12 Aug 1812	17 Feb 1886
Hartley	Ellen	Shepherd	9 Dec 1854	27 Oct 1918
Home	Mary Park	Shepherd	13 Nov 1836	28 Apr 1924
Justesen	Sarah Ann	Shepherd	4 Sep 1842	8 Aug 1933
Miller	Ann	Shepherd	8 May 1825	27 Mar 1910

Daughters of Utah Pioneers name index: <u>http://www.dupinternational.org/pioneer\_index.php</u>

# Authority control in digital collections

- Imported text files that need to be refreshed manually
- Can reconcile and improve metadata, but generally a manual process
- Digital collections work often distributed between many people in an organization, quality control always an issue



Van de Vanter, Billy's car https://collections.lib.utah.edu/details?id=126695

# **Overview of IMLS grant**

- 1. Investigation
  - a. May 2016 October 2016
- 2. Evaluation and Testing
  - a. November 2016 April 2017
- 3. Pilot Implementation
  - a. May 2017 October 2017
- 4. Assessment and Future Planning
  - a. November 2017 April 2018



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Christmas party at Lafabreques, Topaz Museum https://collections.lib.utah.edu/details?id=341268



# Collaboration with libraries in the west

#### Project partners include:

- Utah State University
- Brigham Young University
- Utah State Archives
- University of Oregon
- University of Nevada, Reno
- University of Denver

# Issues with externally hosting collections for multiple groups



### SNAC

Dates:	Maybe same as:				T
birth 1832-08-16 death 1909-02-04 Gender: WorldCat, yale, nwd Nationality: United Language: English		e: LC, utsu, uut, byu,	Links to collections	5	Visualize:
		ed States	C Archival Collections	<b>(11)</b>	List collection locations
		sh	C Related Resources	O	Radial Graph Demo
Biographic			C Related External Links		View source EAC-CPF
		Reinhard Maeser was the son of Karl G. Maeser, a president of	Related names in SNAC	0	Subjects:
		Brigham Young Academy. He was	E People	65	Arts, Humanities, and Social Sciences
		born in 1855 and died in 1926.	E Families	0	Canyons     Fine Arts
		From the description of Reinhard Masser photograph	Organizations	Ø	Frontier and pioneer life
		collection, 1655-1926. (Unknown). WorldCat record kt: 367867068			Historic buildings—Photographs
birth 1832-08-16 Savage. Charles 5eath 1909-02-04 Authority Source ender: WorldCat, yale, i Nationality: Unit	Pioneer Utah photographer.			Home and Family     Images	
M	- AED	From the description of C.R. Savage diaries, 1855-1909. (Unknown). Work/Cat record			<ul> <li>Immigration and American Expansion</li> </ul>
	1 -	kt: 365135505			Indians of North America
		C.R. Savage was a prominent			LakesPhotographs
C4	1.1	photographer of Utah			Landstone, Dhelessoner

-

# Library collections as research data

- Make info easier for people to reuse and repurpose
  - Bulk download of datasets, transcripts, images for researchers
  - API access to digital library collections
  - Visualize connections between holdings of different institutions



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Christmas party at Lafabreques, Topaz Museum https://collections.lib.utah.edu/details?id=341268

### Linked Open Data (LOD)

- Principles of LOD
- Easier to enhance, visualize
- For example, enhance our local names with info from dbpedia



#### Library name authority data as LOD

"@id": "http://id.loc.gov/authorities/names/n84131226", "@type": ["http://www.w3.org/2004/02/skos/core#Concept"], "http://www.w3.org/2004/02/skos/core#prefLabel": [ {"@language": "en", "@value": "Savage, C. R. (Charles Roscoe), 1832-1909"}], "http://www.w3.org/2008/05/skos-xl#altLabel": [ {"@id": ":b7authoritiesnamesn84131226"}], "http://www.w3.org/2004/02/skos/core#exactMatch": [ {"@id": "http://viaf.org/viaf/sourceID/LC%7Cn+84131226#skos:Concept"}], "http://www.w3.org/2004/02/skos/core#note": [ {"@value": "[C.R. Savage (1832-1909) was a photographer of the American West in the late 1800s and early 1900s.]"}], "http://www.w3.org/2004/02/skos/core#inScheme": [ {"@id": "http://id.loc.gov/authorities/names"}], "http://www.w3.org/2004/02/skos/core#altLabel": [ {"@language": "en", "@value": "Savage, Charles Roscoe, 1832-1909"}]

### Metadata wrangling (data submitted)

Miller, John N. Miller, P. B. Mizpah Mogo, Margaret Monroe Montgomery, S. H. Moody, William Moore, Eri James Morgan, David D. Morgan, John Morley, Isaac Morris, R. M. Morriss, R. M. Mundock, John

3.

National Ballet (Washington, D.C.) Fauth & Co Colorado Repertory Dance Company Colorado School of Mines Welgos Photos De Bellis Studios Colorado State College (Fort Collins, Colo.) "Gid": "http://opaguenamespace.org/ns/people/AbdulBassitJalilA", "Stype": "skos:PersonalName", "dc:issued": ( "Svalue": "2015-07-16", "Stype": "xsd:date" 3. "dc:modified": { "Svalue": "2015-07-16", "Stype": "xsd:date" 3. "rdfs:isDefinedBy": { "Gid": "http://opaquenamespace.org/VOCAB PLACEHOLDER.nt" 3. "rdfs:label": ( "Svalue": "Abdul-Bassit, Jalil A.", "Blanguage": "en"

Title Description Photographer Image Date Subject Location Collection Digital Publisher Contributing Institution Ordering and Permissions Information Date Digital Donor Image ID Digitization Specifications Resource Type Format Language OCLC number Date created Date modified Reference URL CONTENTdm number CONTENTdm file name CONTENTdm file path Quilici Barn, Reno Photograph of a barn built between 1900 and 1910; photograph taken August 31, 2002; photographic print, 8 x 10 inches Barnes, Catana L. 2002 Barns -- Nevada Reno (Nev.): Washoe County: Nevada Sagebrush Vernacular: Rural Architecture in Nevada Special Collections Department, University of Nevada, Reno Library University of Nevada, Reno Not to be reproduced without permission. For permissions information, please see: http://knowledgecenter.unr.edu/specoll/photos.aspx To order a copy of this image, add it to your favorites, then visit the shopping cart located here: http://contentdm.library.unr.edu/shoppingcart/index.php 2003 UNRS-P2003-13-109 These images exist as archived TIFF images and one or more JPEG versions for general use. Image image/tiff eng 2003-04-23 2014-10-09

# Metadata wrangling (data compiled)

	А	В	С	D	E
1	Name	Institution	Collection	type	field
2	Savage, Charles R.	USHS	Classified Photos	personal name	Person
3	Savage, Charles R.	USHS	Classified Photos		Photographer
4	Savage, Charles R., 1832-1909 USE Savage, C. R. (Charles Roscoe), 1832-1909	BYU	Savage		photographer
5	Savage, Charles R.;	USHS	Classified Photos		Photographer
6	Savage, Charles R.; Savage, Lenny Louise; Savage, Annie Amelia; Savage, Ray T.	USHS	Classified Photos	personal name	Person
7	Savage, Charles Roscoe	BYU	mormon bib		author
8	Savage, Charles Roscoe, 1832-1909 USE Savage, C. R. (Charles Roscoe), 1832-1909	BYU	DUP	personal name	personal names
9	Savage, Chas. R.	USHS	Classified Photos		Photographer
10	Young, S. A.	Oregon		personal name	
11	Young, Seraph	USHS	Classified Photos	personal name	Person
12	Young, Seymour B.	USHS	Classified Photos	personal name	Person
13	Young, Seymour B. (Seymour Bicknell), 1837-1924; Young, Isaac Bray;	UU	John Mills Whitaker Papers		Creator
14	Young, Shirrel R.	USHS	Classified Photos		Photographer
15	Young, Stuart Michael;	UU	UAIDA		Creator
16	Young, Susan (Susannah) Snively	USHS	Classified Photos	personal name	Person
17	Young, Trevor	DU		personal name	
18	Young, Virginia; Young, Josephine; Lyon, Camilla; Compson, Luicine	USHS	Classified Photos	personal name	Person
19	Young, Whitney	Oregon		personal name	
20	Young, Whitney M.	DU		personal name	
21	Young Willord		Classified Photos	norconal namo	Porcon

# Metadata wrangling (data deduplicated)

	А	В	С	D	E	F
1	Name	Institution;Collection;field	type	# of collections	# of institutions	# of states
2	Young, Brigham, 1801-1877	UU;EAD;n/a BYU;DUP;personal names BYU;GEA;personal names BYU;DUP;personal names BYU;GEA;personal names BYU;19th Century Mormon	PN	29	3	1
3	Anderson, John	UU;EAD;n/a BYU;Diaries;personal names BYU;DUP;personal names DU;n/a;n/a USHS;Classified Photos;Person UU;John Mills	PN	6	4	2
4	Jackson, William Henry, 1843-1942	BYU;Jackson;personal names BYU;Jackson;photographer/artist BYU;OTImages;photographer/artist/creator	PN	6	4	2
5	Savage, C. R. (Charles Roscoe), 1832-1909	BYU;DUP;personal names BYU;GEA;personal names BYU;Savage2.;personal names BYU;Savage;personal names BYU;DE1;author BYU;DE2;author	PN	25	4	1
6	Utah Fuel Company	UU;EAD;n/a BYU;RSMag;company name USHS;Classified Photos;Corporate Body USU;Lee;creator	СВ	4	4	1

# Metadata wrangling (data reconciled)

1	A	В	C	D
1	Name	LCNAF Heading	Bad Match	Good Match
2	A. C. C.	Pushkin, Aleksandr Sergeevich, 1799-1837	http://id.loc.gov/authorities/names/n80036579	
3	Aaldeman, Mike			
4	Aas, Morten			
5	Abbot, Edward	Parry, Edward Abbott, Sir, 1863-1943	http://id.loc.gov/authorities/names/n80080252	
6	Abbott, Edith, 1876-1957	Abbott, Edith, 1876-1957		http://id.loc.gov/authorities/names/n50034801
7	Abbott, Ernest Hamlin	Abbott, Lyman, 1835-1922	http://id.loc.gov/authorities/names/n50034805	
8	Abbott, James Smith, 1867-1944	Abbott, James Smith, 1867 or 1868-1944		http://id.loc.gov/authorities/names/no96022313
9	Abbott, John	McBain, Ed, 1926-2005	http://id.loc.gov/authorities/names/n79121690	
10	Abbott, John Austin, 1871-1954	Abbott, John Austin, 1871-1954		http://id.loc.gov/authorities/names/no2013051261
11	Abbott, Mark	Stern, Mark Abbott, 1929-	http://id.loc.gov/authorities/names/n2009070199	
12	Abbott, Myron Alma, 1862-1932	Abbott, Myron Alma, 1862-1932		http://id.loc.gov/authorities/names/no2014098724
13	Abby, Jack	Neidik, Abbey Jack	http://id.loc.gov/authorities/names/no2008053570	
14	Abegg, Isaura Bentley	Abegg, Isaura Bentley		http://id.loc.gov/authorities/names/no2015022649
15	Abel, Albert	Jullien, Louis Antoine, 1812-1860	http://id.loc.gov/authorities/names/n79140958	
16	Abel, Georgie Lee	Abel, Georgie Lee		http://id.loc.gov/authorities/names/no96029282
17	Abel, Mary Hinman, b. 1850	Abel, Mary Hinman, 1850-		http://id.loc.gov/authorities/names/n90652276
18	Abel, Oscar	Ligaluppi, Oscar Abel	http://id.loc.gov/authorities/names/n82156348	
19	Abernathy, Ralph	Abernathy, Ralph, 1926-1990		http://id.loc.gov/authorities/names/n87870916
20	Abernathy, Ralph, 1926-	Abernathy, Ralph, 1926-1990		http://id.loc.gov/authorities/names/n87870916
21	Abernathy, Ralph, 1926-1990	Abernathy, Ralph, 1926-1990		http://id.loc.gov/authorities/names/n87870916
22	Abert, James William, 1820-1897	Abert, J. W. (James William), 1820-1897		http://id.loc.gov/authorities/names/no98079676
23	Abram, James	Garfield, James A. (James Abram), 1831-1881	http://id.loc.gov/authorities/names/n50015182	
24	Abrams, Milton C.	Abrams, Milton C. (Milton Charles), 1918-		http://id.loc.gov/authorities/names/no2008117252

# Metadata wrangling (data metrics)

- Started with ~500,000 names
- Deduplicated to 76,360
- 7357 -- 2+ collections (9.6%)
- 1484 -- 2+ institutions (1.9%)
- 271 -- 2+ states (0.35%)
- 62,381 personal names
- 10,706 corporate bodies
- 3,273 unknown

- 1091 are single words
- 2400+ cross references
- 500+ PN are First Last

#### Total names submitted

- Brigham Young University 30,535
- University of Utah 7533
- Utah State University 2067
- Utah State Historical Society 12,138
- Utah State Archives 3657
- University of Nevada, Reno 1277
- Oregon Digital 4170
- University of Denver 16,608

# Metadata wrangling (assessment)

Search results in December 2016	Cı	reator	Subject		
Name	MWDL	DPLA	MWDL	DPLA	
Savage, C. R.	2022	2226	44	50	
Savage, C. R. (Charles Roscoe)	1830	2023	43	44	
Savage, C. R. (Charles Roscoe), 1832-1909	1708	1901	43	43	
Savage, C. R., 1832-1909	1708	1901	43	43	
Savage, Charles	1936	2165	60	126	
Savage, Charles R.	1932	2128	58	65	
Savage, Charles R., 1832-1909	1708	1902	43	43	
Savage, Charles Roscoe	1833	2034	44	53	
Savage, Charles Roscoe, 1832-1909	1708	1904	43	43	
Savage, Charles, 1832-1909	1708	1905	43	43	
Savage, Chas. R.	1	1	0	1	
Savage, Chas. R., 1832-1909	0	0	0	0	

# Metadata wrangling (tools - JSON to CSV converter)

#### http://www.convertcsv.com/json-to-csv.htm

	A	В	С	D
1	@id	rdfs:label/@value	rdfs:label/@language	@type
2	http://opaquenamespace.org/ns/people	People	en	
3	http://opaquenamespace.org/ns/people/AbateDillonA	Abate, Dillon A.	en	skos:PersonalName
4	http://opaquenamespace.org/ns/people/AbbeyBill	Abbey, Bill	en	skos:PersonalName
5	http://opaquenamespace.org/ns/people/AbdulBassitJalilA	Abdul-Bassit, Jalil A.	en	skos:PersonalName
6	http://opaquenamespace.org/ns/people/AberlDavidF	Aberl, David F.	en	skos:Concept
7	http://opaquenamespace.org/ns/people/AbernathyRalph1926	Abernathy, Ralph, 1926-	en	skos:PersonalName
8	http://opaquenamespace.org/ns/people/AbrahamsonEmmaJ	Abrahamson, Emma J.	en	skos:PersonalName
9	http://opaquenamespace.org/ns/people/AbrahamsonRichard	Abrahamson, Richard	en	skos:PersonalName
10	http://opaquenamespace.org/ns/people/AbramMary	Abram, Mary	en	skos:PersonalName
11	http://opaquenamespace.org/ns/people/AbramTed	Abram, Ted	en	skos:PersonalName
12	http://opaquenamespace.org/ns/people/AbramsWH	Abrams, W. H.	en	skos:Concept
13	http://opaquenamespace.org/ns/people/AckerMartinHerbert	Acker, Martin Herbert	en	skos:Concept
14	http://opaquenamespace.org/ns/people/AckerPhil	Acker, Phil	en	skos:PersonalName
15	http://opaquenamespace.org/ns/people/AckermanLois	Ackerman, Lois	en	skos:Concept
16	http://opaquenamespace.org/ns/people/AckleyMarshallA	Ackley, Marshall A.	en	skos:PersonalName
17	http://opaquenamespace.org/ns/people/AckmanMatthewS	Ackman, Matthew S.	en	skos:PersonalName
18	http://opaquenamespace.org/ns/people/AcordesFabianA	Acordes, Fabian A.	en	skos:PersonalName
19	http://opaquenamespace.org/ns/people/AcostaAndrewJ	Acosta, Andrew J.	en	skos:PersonalName
20	http://opaquenamespace.org/ns/people/AcostaCameronJ	Acosta, Cameron J.	en	skos:PersonalName

### Metadata wrangling (tools - Excel formulas)

=CONCATENATE(C1,";",D1,";",E1)

concatenate institution, collection, and field info into one cell

```
=CONCATENATE(F1," -- ",F2)
concatenate multiple institution;collection;field into one cell to deduplicate
```

=IF(A3=A2,"",A3) deduplicate exact matches in sorted list

=COUNTIF(A:A,B4) count how many times a name occurs in the column

# Metadata wrangling (tools - OpenRefine)

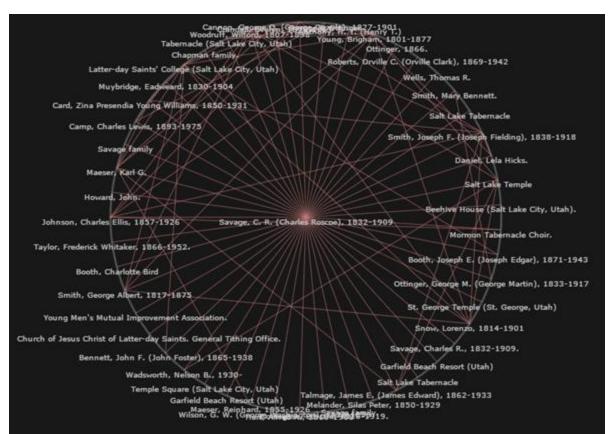
Facet / Filter Undo / Redo o	10	000	0 rc	ws		Extensions Named-entity recognition - Freebase -
	Sh	ow a	35: 1	ows records	Show: 5 10 25 50 rows	Analy Onconting Lindson
Infinite unde history		All		ID ID	Name	Apply Operation History
minine undo nistory			t.	PN000010001	Campbell, Donald	Paste an extracted JSON history of operations to perform:
Don't worry about making mistakes.			2	PN000010002	Campbell, Doug	r
			2	PN000010003	Campbell, Douglas L	L (
LISACON CONTRACTOR DOWN TO DOWN TO DESCRIPTION OF THE DOWN TO DESCRIPTION OF THE DOWN			4	PN000010004	Campbell, Emma Isabelle Hallada	"op": "core/row-reorder",
			5	PN000010005	Campbell, Gary L	"description": "Reorder rows", "mode": "record-based",
Learn more »	2 9 6				Campbell, Glen	"sorting": {
Infinite undo history Don't worry about making mistakes. Every change you make will be shown here, and you can undo your changes anytime.			7	PN000010007	Campbell, Gordon	"criteria": [
Estad Arab			8.	PN000010008	Campbell, Harold	"reverse": false,
Every change you make will be shown here, and you can undo your changes anytime. Learn more »			9.	PN000010009	Campbell, Harry	"caseSensitive": false,
			10.	PN000010010	Campbell, Heather	"column": "Name", "valueType": "string",
			11.	PN000010011	Campbell, Heb (Harold)	"blankPosition": 2,
			12.	PN000010012	Campbell, Hugh Thomas	"errorPosition": 1
			13.	PN000010013	Campbell, Hump	1
			14.	PN000010014	Campbell, I. C. (Ian C.), 1947-	3
			15	PN000010015	Campbell, I. C. (Ian Christopher),	
acet / Filter Undo / Redo o Infinite undo history Don't worry about making mistakes. Every change you make will be shown here, and you can undo your changes anytime. Learn more »			16.	PN000010016	Campbell, Isabella W	"op": "core/blank-down",
			17.	PN000010017	Campbell, Jack	"description": "Blank down cells in column Nam "engineConfig": {
			18	PN000010018	Campbell, James S.	"facets": [],
			19,	PN000010019	Campbell, Jennie	"mode": "row-based"
			20.	PN000010020	Campbell, Joan, 1858-1940	"columnName": "Name"
			21.	PN000010021	Campbell, JoAnn Nielson	}.
			22	PN000010022	Campbell, JoAnn, Nielson	<pre>"op": "core/row-removal",</pre>
			23.	PN000010023	Campbell, John	• • • • • • • • • • • • • • • • • • •
			24	- EN000010024	Cameball John C	

### Metadata wrangling (tools - Postman and DPLA API)

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47 http://api.dp.la/v2/	page_size		0	=	ж					
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#### Visualizations with name data (from SNAC)



### Future phases of WNAF Project

- Pilot implementation of WNAF
- Assessment
  - Managing vocabulary
  - Reconciliation issues (system agnostic)
  - Explore impact on metadata creators and users
  - Training opportunities
  - Develop a plan for expanding WNAF to more institutions
  - How to move into full production for the project



Brigham Young portrait Utah State University

Extension, Enterprise, and Education: the Legacy of Co-operatives and Cooperation in Utah http://digital.lib.usu.edu/cdm/ref/collection/coops/id/1708

# Further reading and acknowledgements

Full Grant Narrative <a href="https://www.imls.gov/grants/awarded/LG-72-16-0002-16">https://www.imls.gov/grants/awarded/LG-72-16-0002-16</a>

Project Webpage <u>https://sites.google.com/site/westernnameauthorityfile/home</u>

This project was made possible in part by the Institute of Museum and Library Services LG-72-16-0002-16.

