

Linking People: Developing Collaborative Regional Vocabularies

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J. Willard Marriott Library

THE UNIVERSITY OF UTAH

Why?

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
BYU Digital Collections

<http://contentdm.lib.byu.edu/cdm/ref/collection/Savage2/id/1749>

More metadata, more metadata problems

- Vendor based DAMS often not offering good authority control solutions
- Libraries in Utah often consult additional regional names sources
 - Daughters of Utah Pioneers name index:

http://www.dupinternational.org/pioneer_index.php.

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

- Hosting collections for many partners means less control over cataloging practices.
- Use LC Authorities as best we can

Local Pilots at Marriott Library

- Pilot project with Backstage Library Works
 - Replicate MARC authority control project in CONTENTdm XML records
- Pilot project using OpenRefine
 - Reconciling data with LCNAF and VIAF

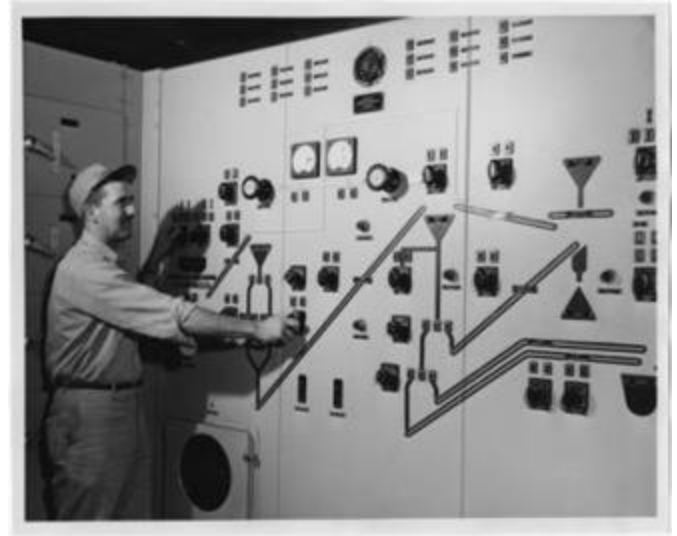


Auto racing in Utah: the Gary Dean Brown Collection [374]
http://content.lib.utah.edu/cdm/ref/collection/UU_Photo_Archives/id/51836

IMLS Grant for regional authority control

4 phases:

- 1) investigating data models to express local/regional name authority data using linked data standards
- 2) evaluation of tools used for creating, maintaining, and making this data available
- 3) pilot implementation using the tools investigated in the second phase
- 4) assessment of how this type of authority data can improve digital collection metadata on a local, regional, and national level.



Gadsby Power Plant, Salt Lake City, Utah [427]

http://content.lib.utah.edu/cdm/ref/collection/UU_Photo_Archives/id/5522C

Metadata Review

Received data from 8 institutions

Brigham Young University
Oregon Digital (Univ. of Oregon and Oregon State Univ.)
University of Nevada, Reno
University of Utah
University of Denver
Utah Department of Heritage and Arts
Utah State Archives
Utah State University

Data gathered

Name (including associated dates if available)
Institution
Collection
Field(s)
Type (personal name or corporate body)
Cross references



Before Remodeling, Hotel Utah, exterior [03]
<http://content.lib.utah.edu/cdm/ref/collection/hotelut/id/600>

Metadata Review

Statistics

76,360 names after deduplication
7357 used in more than one collection
1484 used by more than one institution
271 used in more than one state

Next Step: Capture baseline analytics

How are names currently discoverable in local systems,
MWDL, DPLA, and Google?

Document needed changes for when WNAF is created



Aziz S. Atiya (portrait)

<http://content.lib.utah.edu/cdm/ref/collection/mlpac/id/502>

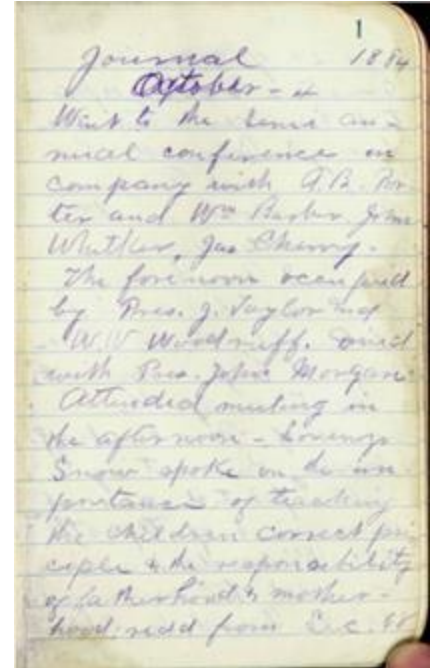
Data Models: Collaborative Investigation

Data to capture

- Preferred form of name
- Alternate forms of name
- Local authority source
- Institution holdings
- Relationship information

Data Models Explored

- SKOS
- OWL
- BIBFRAME Authorities/Agent/Role
- **EAC-CPF**



Diary of B. H. Roberts, 1884-1885, page 1
<http://content.lib.utah.edu/cdm/ref/collection/uw/id/3069>

Tools: Collaborative Investigation



xEAC



protégé



Vitro

Workflow considerations

- Managing vocabulary
- Reconciliation issues
 - Many partners on CONTENTdm
 - Need external system not tied to specific digital library software/infrastructure
- Explore impact of WNAF on metadata creators and users



Father Liebler and a group of Navajos
at Hogan Church on Palm Sunday
Utah American Indian Digital Archive

<http://content.lib.utah.edu/cdm/ref/collection/uaida/id/43414>

Further reading and acknowledgements

Full Grant Narrative

<https://www.imls.gov/grants/awarded/LG-72-16-0002-16>

Project Webpage

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

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

