

Name Authority Control: An institutional repository approach

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Overview

- Name Authority
- Our Approach
- UNT Name App
- Implementation
- Q & A

Name Authority

- Search and retrieval
- Linking researchers with their research
- Citation analysis
- Copyright management

Name Authority

Classic Example

- Clemens, Sameul Langhorne
- Clemens, S. L.
- Clemens, S.
- Clemmens, Samuel
- Twain, Mark

Name Authority

Actual Example

- McDaniel, Del
- Mc Daniel, Floyd
- McDaniel, F.D.
- McDaniel, F. D.
- McDaniel, Floyd Del. (Floyd Delbert)

Name Authority

- Many interested groups
 - Library of Congress (LOC)
 - Virtual International Authority File (VIAF)
 - International Standard Name Identifier (ISNI)
 - ORCID

Search

Select Field:

All Headings

Select Index:

All VIAF

Search Terms:

Search**VIAF: The Virtual International Authority File**

VIAF, implemented and hosted by [OCLC](#), is a joint project of several national libraries plus selected regional and trans-national library agencies. The project's goal is to lower the cost and increase the utility of library authority files by matching and linking widely-used authority files and making that information available on the Web.

Participating institutions are:

[National Library of Australia](#)[Library and Archives Canada](#)[National Library of the Czech Republic](#)[Bibliotheca Alexandrina \(Egypt\)](#)[Flemish Public Libraries](#)[Denmark \(DBC\)-test](#)[Bibliothèque nationale de France](#)[SUDOC \(France\)](#)[Deutsche Nationalbibliothek](#)[Getty Research Institute](#)[National Széchényi Library \(Hungary\)](#)

Library of Congress Names

Search

All
LC Subject Headings
LC Name Authority File
LC Classification
LC Children's Subject Headings

****Please Note:** LC Classification entries are not included in general search results. You must explicitly select LC Classification in order to search the scheme. This is temporary while the impact of adding LCC to the current system is better understood.

[Details](#)[Visualization](#)

Library of Congress Names

The Library of Congress Name Authority File (NAF) file provides authoritative data for names of persons, organizations, events, places, and titles. Its purpose is the identification of these entities and, through the use of such controlled vocabulary, to provide uniform access to bibliographic resources. Names descriptions also provide access to a controlled form of name through references from unused forms, e.g. a search under: Snodgrass, Quintus Curtius, 1835-1910 will lead users to the authoritative name for Mark Twain, which is, "Twain, Mark, 1835-1910." Names may also be used as subjects in bibliographic descriptions, so they may be combined with controlled values from subject heading schemes, such as LCSH. Library of Congress Names includes over 8 million descriptions created over many decades and according to different cataloging policies. LC Names is officially called the NACO Authority File and is a cooperative effort in which participants follow a common set of standards and guidelines.



<http://orcid.org/>



<http://isni.org>

Name Authority

Random Sampling of 100 Names in our IR

UNT Digital Library Database	100 (random sampling)
Local bibliographic records	26%
VIAF records	32%
LOC records	28%
Wikipedia	2%

Our Approach

Five Stars of Open Linked Data

- Make it available on the web
- Make it available as structured data
- Use non-proprietary formats
- Use URIs to identify things
- Link to other data for context

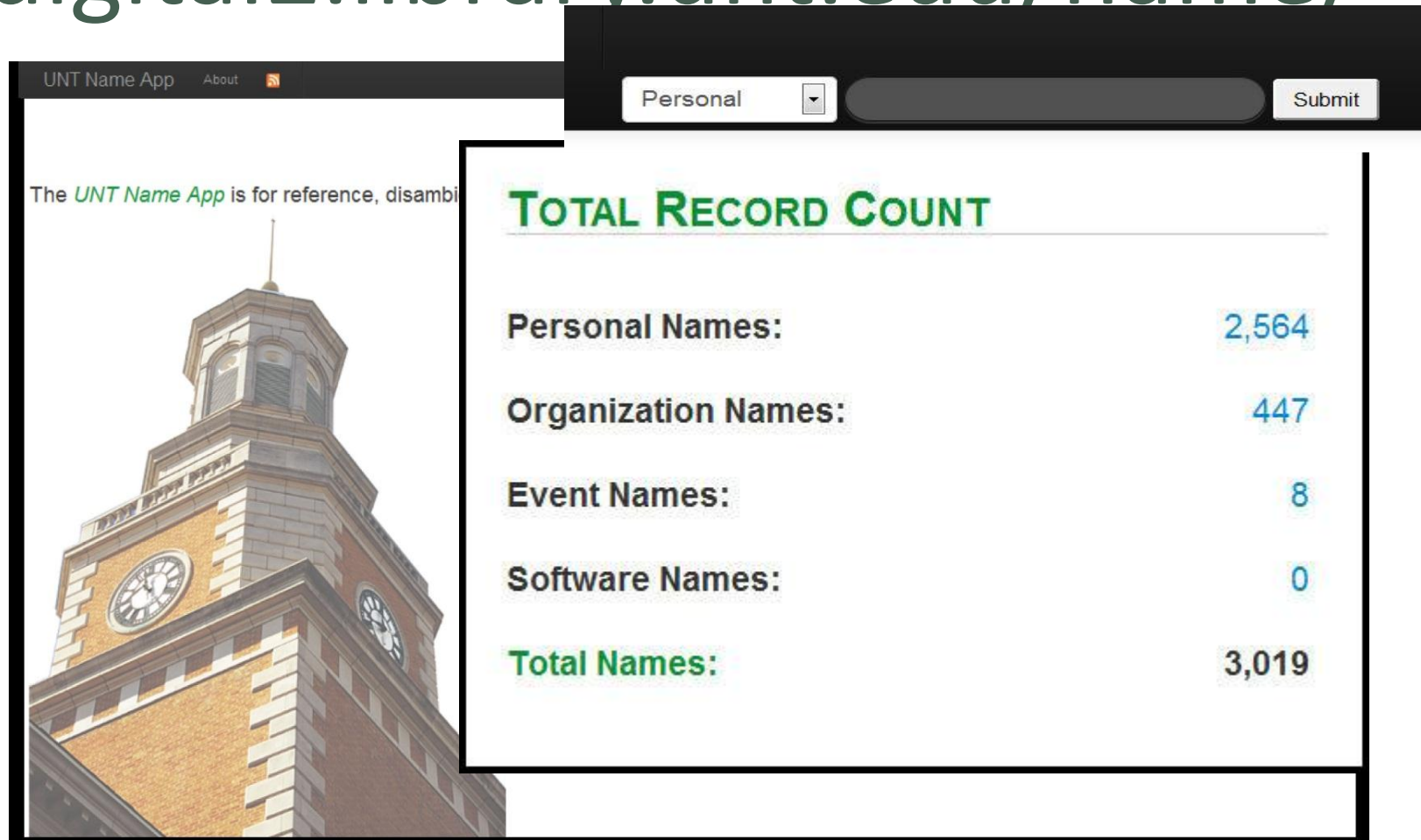
Our Approach

- Vocabularies as five-star open linked data
- Vocabularies available to metadata creators
- Storing unique identifiers
- Meaningful data for users

UNT Name App

- Reference
- Consistency
- Disambiguation
- Storage

<http://digital2.library.unt.edu/name/>



The screenshot shows the UNT Name App interface. At the top, there is a navigation bar with "UNT Name App" and "About" links. Below the navigation bar, there is a search input field with a dropdown menu set to "Personal" and a "Submit" button. The main content area features a large illustration of a brick clock tower on the left. To the right of the illustration, there is a table titled "TOTAL RECORD COUNT" in green text. The table lists the following categories and counts:

TOTAL RECORD COUNT	
Personal Names:	2,564
Organization Names:	447
Event Names:	8
Software Names:	0
Total Names:	3,019



Names (Sort Asc.)



Date of Birth ↑

Date of Death ↑

Akin, Ethan

Akkaya, Cem

Akl, Robert G.

Akwani, Ikerionwu A.

Al Beayeyz, Sulaiman

Al-Rizzo, Hussain Mudhaffar Younis, 1957- (1957-)

1957

Al-Shareef, Husam

Ala'i-Rosales, Shahla

Alarcón, Jemma

Albarran, Alan B.

Albers-Miller, Nancy

Albright, Jim, 1935- (1935-)

1935

The UNT Name App

- Authorized version of the name
- Permanent URI
- Biographical Information
- Links to other identifiers
- Alternate versions of the name



Authorized: Acree, William E. (William Eugene)

Name Type: Personal

URI: <http://digital2.library.unt.edu/name/nm0000381>

**Biographical
Info:**

Affiliations

- *University of Missouri-Rolla: Alumnus (1975)*
- *University of Missouri-Rolla: Alumnus (1977)*
- *University of Missouri-Rolla: Alumnus (1981)*
- *Phillips Petroleum Co: Research Associate (1980)*
- *University of Kansas: Research Associate (1980-1981)*
- *University of Kansas: Instructor (1981-1982)*
- *Kent State University: Faculty (1982-1988)*
- *Kent State's Liquid Crystal Institute: Faculty (1985-1988)*
- *University of North Texas: Faculty (1988-)*

Links:

-  **Internal:** [UNT Libraries Digital Collections](#)
-  **UNT Faculty Profile:** <https://faculty.unt.edu/editprofile.php?&pid=2006>
-  **VIAF:** <http://viaf.org/viaf/92554693>
-  **LOC:** <http://id.loc.gov/authorities/names/n83178609>

Publishes

- Acree, William E., Jr.

As:

- Acree, Bill

Action: 0 of 100 selected

<input type="checkbox"/> Name	Name id	<u>Disambiguation</u>	Begin	End	Record status	Merged with
<input type="checkbox"/> Crane, Kate	nm0000796				Active	(None)
<input type="checkbox"/> Craney, Bethany	nm0000797				Active	(None)
<input type="checkbox"/> Crease, Teresa J.	nm0000798				Active	(None)
<input type="checkbox"/> Critelli, Joseph W.	nm0000799				Active	(None)
<input type="checkbox"/> Crossley, Kristyn	nm0000800				Active	(None)
<input type="checkbox"/> Crowell-Hilde, Kaki D.	nm0000801				Active	(None)
<input type="checkbox"/> Cruse, Patricia	nm0000802				Active	(None)
<input type="checkbox"/> Cruz, Alicia Re	nm0000803				Active	(None)
<input type="checkbox"/> Csomai, Andras	nm0000804				Active	(None)
<input type="checkbox"/> CSREA Press	nm0000804				Active	(None)
<input type="checkbox"/> <u>Cundari, Thomas R., 1964-</u>	nm0000805	<u>1964-</u>	1964		Active	(None)
<input type="checkbox"/> Cunningham, Kenda	nm0000806				Active	(None)
<input type="checkbox"/> Cunningham, Michael Eugene	nm0000807				Active	(None)
<input type="checkbox"/> Curlett, Rebecca L.	nm0000808				Active	(None)
<input type="checkbox"/> Curran Associates	nm00008085				Active	(None)
<input type="checkbox"/> Curran, Kevin	nm0000809				Active	(None)
<input type="checkbox"/> Cybernetics and Information Technologies, Systems, and Applications	nm00008086	CITSA			Active	(None)
<input type="checkbox"/> Czymmek, Kirk J.	nm0000810				Active	(None)

Name id: nm0000805

Basic Info

Name: Cundari, Thomas R., 1964-

Please use the general reverse order: LAST, FIRST

Name type: Personal

Must be one of 4 types

Biography:

####Affiliations

- *Pace University, New York:* Alumnus (1986)
- *University of Florida:* Alumnus (1990)
- *National Institutes of Standards and Technology/Center for Advanced Research in Biotechnology:* Visiting Scientist (1992)
- *Phillips Laboratory, Emerging Technologies, Edwards Air Force Base:* Visiting Scientist and Faculty:* (1993)
- *Los Alamos National Laboratory:* Visiting Scientist (1994)
- *Cornell Theory Center, Cornell University:* Visiting Scientist (1995)
- *University of Memphis:* Faculty (1991-2000)
- *Advanced Biomedical Computing Center, National Cancer Institute:* NSF Scholar in Residence at NIH (2001)
- *Dunavant University:* Faculty (2000-2002)
- *University of Memphis:* Faculty (2000-2002)
- *University of North Texas:* Faculty (2002-)
- *Center for Advanced Scientific Computing and Modeling:* Co-director (2005-)

####Subject Areas

- Computational inorganic and organometallic chemistry

Compatible with MARKDOWN

ETD:

Conforms to EDTF format YYYY-MM-DD

Disambiguation: 1964-

Clarify to whom or what this record pertains.

Action: 0 of 100 selected

<input type="checkbox"/>	Name	Name id	Disambiguation	Begin	End	Record status	Merged with
<input type="checkbox"/>	A R Editions, Inc.	nm0000031				Active	(None)
<input type="checkbox"/>	A. Deepak Publishing	nm0000006				Active	(None)
<input type="checkbox"/>	Aars, Christian	nm0000377				Active	(None)
<input type="checkbox"/>	Abbe, Marisa	nm0002966				Active	(None)
<input type="checkbox"/>	Abbott, Albert	nm0000378				Active	(None)
<input type="checkbox"/>	ABC-CLIO	nm0000002				Active	(None)
<input type="checkbox"/>	Acree, William E. (William Eugene)	nm0000381				Active	(None)
<input type="checkbox"/>	Acree, William E., Jr.	nm0000382				Active	<u>nm0000381</u>
<input type="checkbox"/>	Academic Commons	nm0000003				Active	(None)
<input type="checkbox"/>	Academy Publisher	nm0000004				Active	(None)
<input type="checkbox"/>	Access	nm0000005				Active	(None)
<input type="checkbox"/>	Acevedo, Miguel F.	nm0002768				Active	(None)
<input type="checkbox"/>	Acevedo, Mitzi	nm0000380				Active	(None)
<input type="checkbox"/>	Achi, Sai S.	nm0002784				Active	(None)
<input type="checkbox"/>	Acker, Jessie E.	nm0002967				Active	(None)
<input type="checkbox"/>	Acquisti, Claudia	nm0003018				Active	(None)

Implementation

Staged Approach

1. Populate the Name App
2. Clean-up and authorized versions
3. Add details and information
4. Edit records in the collection

Implementation

1. Populate with all names in the IR collection

2 Adams, Jenny
5 Adams, R. N.
8 Adams, R. W.
1 Adams, Wayne
7 Adelman, Amie
1 Aden, Robert C.
1 Adkins, Cecil
1 Adkins, Deborah H.
4 Adkins, Roscoe C.
6 Adkison, Judith
17 Adkison, Judith A.
1 Adkison, Judith Ann
1 Ahmadi, Hooshiyar
1 Akin, Ethan
1 Akl, Robert
12 Akl, Robert
1 Akl, Robert G.
1 A'lai-Rosales, Shahla
66 Ala'i-Rosales, Shahla
3 Ala'i-Rosales, Shahla
6 Alai-Rosales, Shahla
4 Ala'i-Rosales, Shahla S.

Implementation

2. Clean-up variations


- Always merging records – not deleting

Select name to change

Q Search

Action: Go 0 of 100 selected

<input type="checkbox"/>	Name	Name id	Disambiguation	Begin	End	Record status	Merged with
<input type="checkbox"/>	Rademacher, Joyce	nm0002033				Active	nm0002034
<input type="checkbox"/>	Rademacher, Joyce A.	nm0002034				Active	(None)
<input type="checkbox"/>	Radev, Dragomir R.	nm0002035				Active	(None)
<input type="checkbox"/>	Raffaelli, G.	nm0002036				Active	(None)
<input type="checkbox"/>	Ragsdale, Leyna	nm0002037				Active	(None)
<input type="checkbox"/>	Raguso, Robert A.	nm0002038				Active	(None)
<input type="checkbox"/>	Rahimi, Fari	nm0002039				Active	(None)
<input type="checkbox"/>	Rahman, Rumana	nm0002040				Active	(None)
<input type="checkbox"/>	Raja, Masood Ashraf	nm0000237				Active	nm0002041
<input type="checkbox"/>	Raja, Masoof Ashraf	nm0002041				Active	(None)



Implementation

2. Clean-up variations

- McDaniel, Del
- Mc Daniel, Floyd
- McDaniel, F.D.
- McDaniel, F. D.
- McDaniel, Floyd Del. (Floyd Delbert)

Implementation

2. Establish authorized version

- VIAF
- LOC
- Wikipedia

Implementation

3. Add details and information

- Items themselves
- Faculty profile
- LinkedIn
- ResearchGate, etc.

Implementation

3. Identifiers/Links

- ORCID
- ResearchGate
- LinkedIn
- Facebook
- Faculty profiles
- Google Scholar
- Twitter
- Scopus Author ID
- Tumblr
- Adademia

Implementation

4. Edit records in the collection

<i>title:</i> Main Title <input type="text"/>
3-Center-4-Electron Bonding in [(silox) ₂ Mo=NtBu] ₂ (μ-Hg) Controls Reactivity while Frontier Orbitals Permit a
CREATOR
<i>The person, agency, or organization primarily responsible for creating the intellectual content of the resource</i>
<i>name:</i> The name of a person, organization, or event (conference, meeting, etc.) associated in some way with the
Rosenfeld, Devon C.
Rosenfeld, Devon C.
Used to designate if a creator is an individual or an organization
Personal <input type="text"/>
<i>role:</i> The role that the person or organization played in the creation of the item
<i>info:</i> Additional information about the creator related to the specific item
Cornell University

Lessons Learned

- Pulling lists helps a lot
 - Divide up work
 - Simultaneously work on the project
- Focus on names you use, not names you could use

Questions?

Additional information

- Implementing Name Authority Control into Institutional Repositories: A Staged Approach

<http://digital.library.unt.edu/ark:/67531/metadc172365>

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