URIs in MARC Records

Session 1

What are URIs?

Uniform Resource Identifiers

Strings of characters that uniquely identify a resource
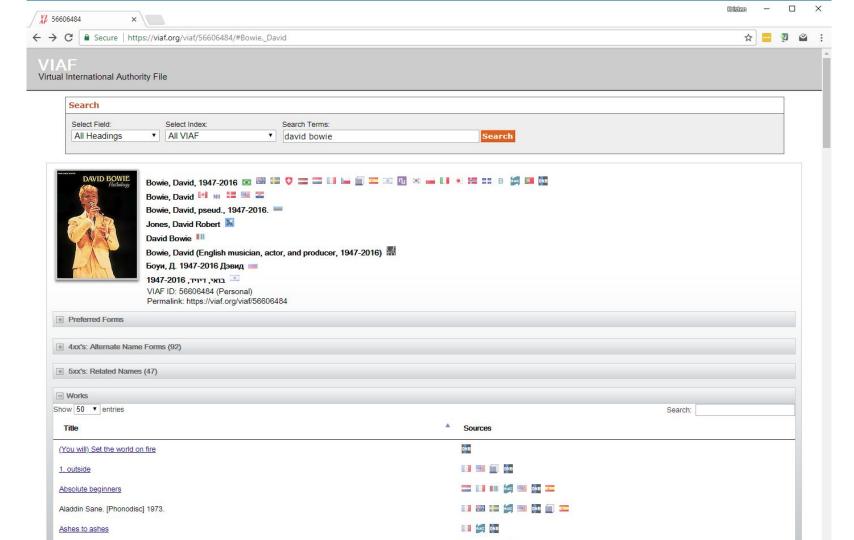
Why use URIs?

Convey information

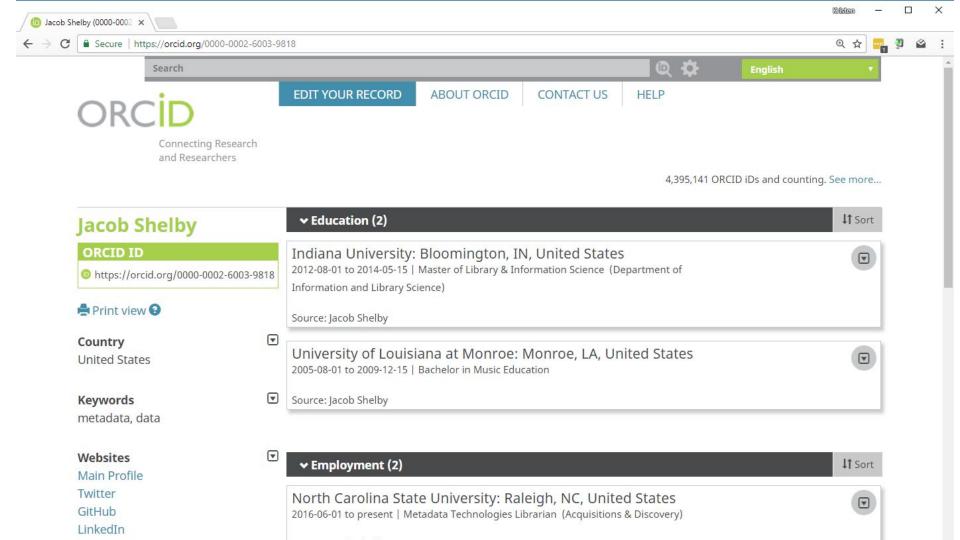Connect sources

Explore relationships

Kristen

VIAF
Virtual International Authority File

Search

Select Field:	Select Index:	Search Terms:	
All Headings ▼	All VIAF ▼	david bowie	**Search**

Bowie, David, 1947-2016
Bowie, David
Bowie, David, pseud., 1947-2016.
Jones, David Robert
David Bowie
Bowie, David (English musician, actor, and producer, 1947-2016)
Боуи, Д. 1947-2016 Дэвид
1947-2016, דייוד ,בואי

VIAF ID: 56606484 (Personal)
Permalink: https://viaf.org/viaf/56606484

⊞ Preferred Forms

⊞ 4xx's: Alternate Name Forms (92)

⊞ 5xx's: Related Names (47)

⊟ Works

Show 50 ▼ entries

Search:

Title ▲	Sources
(You will) Set the world on fire	
1. outside	
Absolute beginners	
Aladdin Sane. [Phonodisc] 1973.	
Ashes to ashes	

Why use URIs?

Convey information

Connect sources

Explore relationships

Secure | https://orcid.org/0000-0002-6003-9818

Search

English ▼

EDIT YOUR RECORD   ABOUT ORCID   CONTACT US   HELP

ORCID
Connecting Research
and Researchers

4,395,141 ORCID iDs and counting. See more...

Jacob Shelby

ORCID ID

ⓘ https://orcid.org/0000-0002-6003-9818

🖨 Print view ❓

Country ▼
United States

Keywords ▼
metadata, data

Websites ▼
Main Profile
Twitter
GitHub
LinkedIn

∨ Education (2)   ↕ Sort

Indiana University: Bloomington, IN, United States ▼
2012-08-01 to 2014-05-15 | Master of Library & Information Science (Department of
Information and Library Science)

Source: Jacob Shelby

University of Louisiana at Monroe: Monroe, LA, United States ▼
2005-08-01 to 2009-12-15 | Bachelor in Music Education

Source: Jacob Shelby

∨ Employment (2)   ↕ Sort

North Carolina State University: Raleigh, NC, United States ▼
2016-06-01 to present | Metadata Technologies Librarian (Acquisitions & Discovery)

Exploring Linked Data Through the Lens of Technical Services

Jacob Shelby ✉ ⓘ

URI

URI

🔗 https://doi.org/10.1080/00987913.2017.1367249   Check for updates

📄 Full Article   🖼 Figures & data   📖 References   ❝ Citations   📊 Metrics   🖨 Reprints & Permissions   📄 PDF

ABSTRACT

Linked data has swept across the library community, making its way into special collections and catalog data. What would linked data look like in a technical services environment? This article will look at the intersection of linked data and technical services. The article will begin with an introduction to linked data concepts. This will be followed by a look at linked data technologies and publishing strategies. The article will close with a discussion of potential and real applications of linked data in technical services, benefits and challenges of linked data, and thoughts on how the library community can contribute to the linked data effort.

KEYWORDS: metadata, linked data, technical services

People also read

Report

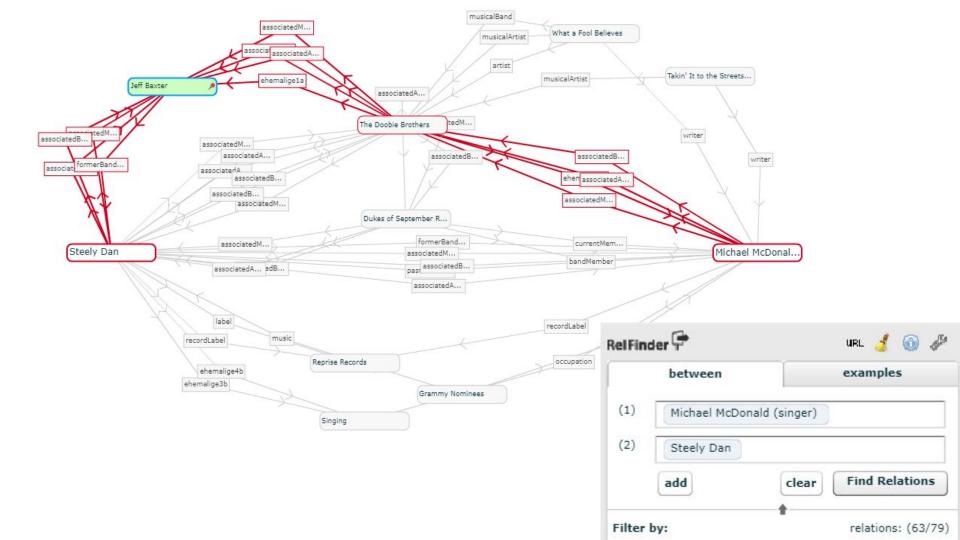Don't Be Frightened: It's Just a Backlog of Government Documents Serials Records ›

Christine Fischer

Serials Review

Why use URIs?

Convey information

Connect sources

Explore relationships

associatedM...

musicalBand

musicalArtist

What a Fool Believes

associa...

associatedA...

artist

ehemalige1a

musicalArtist

Takin' It to the Streets...

Jeff Baxter

associatedA...

The Doobie Brothers

...tedM...

writer

associatedM...

associatedA...

associatedB...

associatedB...

associatedB...

writer

associatedM...

associatedA...

associatedA

ehem...

associatedA...

associatedB...

associatedM...

associatedB...

associatedM...

associatedM...

former Band...

formerBand...

currentMem...

Dukes of September R...

associatedM...

bandMember

Steely Dan

associatedM...

associatedB...

Michael McDonal...

associatedA... ...edB...

past...

associatedA...

label

recordLabel

recordLabel

recordLabel

music

occupation

Reprise Records

ehemalige4b

ehemalige3b

Grammy Nominees

Singing

RelFinder 📮

URL

between

examples

(1) Michael McDonald (singer)

(2) Steely Dan

add   **clear**   **Find Relations**

Filter by: relations: (63/79)

But what about MARC?

```
100 1   |aCampbell, Joseph, |d1904-1987              ← No URI
245 1 4 |aThe hero with a thousand faces / |cby Joseph Campbell.
250     |a2d ed.
260     |aPrinceton, N.J. : |bPrinceton University Press, |c1972.
300     |axxiii, 416 p. : |bill. ; |c23 cm.
490 1   |aBollingen series ; |v17
500     |a"Second ed., 1968 ... first Princeton/Bollingen pbk. printing, 1972."
504     |aIncludes bibliographical references and index.
596     |a1
650 0   |aMythology.                                 ← No URIs
650 0   |aPsychoanalysis.
830 0   |aBollingen series ; |v17.
948     |a04/10/1995 |b09/26/1997
919     |aAGH-4387
918     |a874107
019     |a19541280
```

But what about MARC!

| 100 | 1 | | \|aCampbell, Joseph, \|d1904-1987 | **$0 http://id.loc.gov/authorities/names/n50030939** |

100 1   \|aCampbell, Joseph, \|d1904-1987   **$0 http://id.loc.gov/authorities/names/n50030939**

245 1 4 \|aThe hero with a thousand faces / \|cby Joseph Campbell.

250   \|a2d ed.

260   \|aPrinceton, N.J. : \|bPrinceton University Press, \|c1972.

300   \|axxiii, 416 p. : \|bill. ; \|c23 cm.

490 1   \|aBollingen series ; \|v17

500   \|a"Second ed., 1968 ... first Princeton/Bollingen pbk. printing, 1972."

504   \|aIncludes bibliographical references and index.

596   \|a1

650 0 \|aMythology.   **$0 http://id.loc.gov/authorities/names/n50030939**

650 0 \|aPsychoanalysis.   **$0 http://id.loc.gov/authorities/names/n50030939**

830 0 \|aBollingen series ; \|v17.

948   \|a04/10/1995 \|b09/26/1997

919   \|aAGH-4387

918   \|a874107

019   \|a19541280

Why add URIs to MARC records?

It's extra work

They don't do anything

Shouldn't we just wait for BIBFRAME?

😿 😿 😿 😿 😿

Why add URIs to MARC records?

It helps us learn more about URIs

It helps learn more about tools that can harvest them

There may be ways to experiment with the data

The process might reveal other ideas

Adding URIs to our data now helps us prepare for BIBFRAME

😺 😺 😺 😺 😺

NCSU's URIs in MARC records micro-project

What we did:

1. Investigated how to get URIs into records
2. Conducted department-wide training
3. Wrote a follow up report with more ideas

URIs in MARC records activity

1. Get MARC records from your ILS
2. Convert MARC records to .mrc
3. Harvest URIs
4. Look at the results
5. Import records back into your ILS

https://github.com/eightBitter/erl2018-linked-data-workshop/blob/master/uris-marc/activity-instructions.md

URIs in MARC records activity

1.   ~~Get MARC records from your ILS~~
2.   Convert MARC records to .mrc
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https://github.com/eightBitter/erl2018-linked-data-workshop/blob/master/uris-marc/activity-instructions.md

What now?

Evaluate MARC enhancement workflows

- Local scripting
- Vendor-provided records

Create a small pool of URI-enhanced records to use for future testing

- Convert to RDF
- Put into a triplestore