



# URIs in MARC records

Session 1



# What are URIs?

Uniform Resource Identifiers

Strings of characters that uniquely identify a resource

URI

WorldCat<sup>®</sup> Linked Data Explorer

Turtle

N-Triple

JSON-LD

RDF/XML

HTML

Contact Us

Home

<http://worldcat.org/entity/work/id/48446512>

## So long, and thanks for all the fish. [4]

Further adventures of Arthur Dent, Ford Prefect, and the all new voidoid gang upon returning to Earth after eight years of crazed wanderings around the galaxy in this science fiction spoof which continues "The Hitchhiker's Guide to the Universe."

▼ Open All

➤ Close All

# Why use URIs?

## **Convey information**

Connect sources

Explore relationships

### Search

Select Field:

All Headings

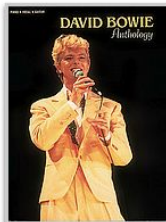
Select Index:

All VIAF

Search Terms:

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)

Бови, Д. 1947-2016 Дэвид

1947-2016, דאָויד, בּוֹאִי

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](#)

DNB

FR NL DNB

FR NL DNB

FR NL DNB

FR NL DNB

# Why use URIs?

Convey information

**Connect sources**

Explore relationships



4,395,141 ORCID iDs and counting. [See more...](#)

## ↓↑ Sort

 <https://orcid.org/0000-0002-6003-9818>

 [Print view](#) 

## United States

metadata, data

LinkedIn

Source: Jacob Shelby

2005-08-01 to 2009-12-15 | Bachelor in Music Education

Source: Jacob Shelby

## ↓↑ Sort

2016-06-01 to present | Metadata Technologies Librarian (Acquisitions &amp; Discovery)



# Exploring Linked Data Through the Lens of Technical Services

Jacob Shelby 

Pages 195-207 | Published online: 15 Dec 2017

URI

URI

 <https://doi.org/10.1080/00987913.2017.1367249> 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

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Records >

Christine Fischer

Serials Review

# Why use URIs?

Convey information

Connect sources

**Explore relationships**





# 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.

650 0 |aPsychoanalysis.

830 0 |aBollingen series ; |v17.

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

919 |aAGH-4387

918 |a874107

019 |a19541280

No URIs



# But what about MARC!

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."  
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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 URLs 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>

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# 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

Special thanks to Sonoe Nakasone and Lisa  
Madden for original work on the slides and activity