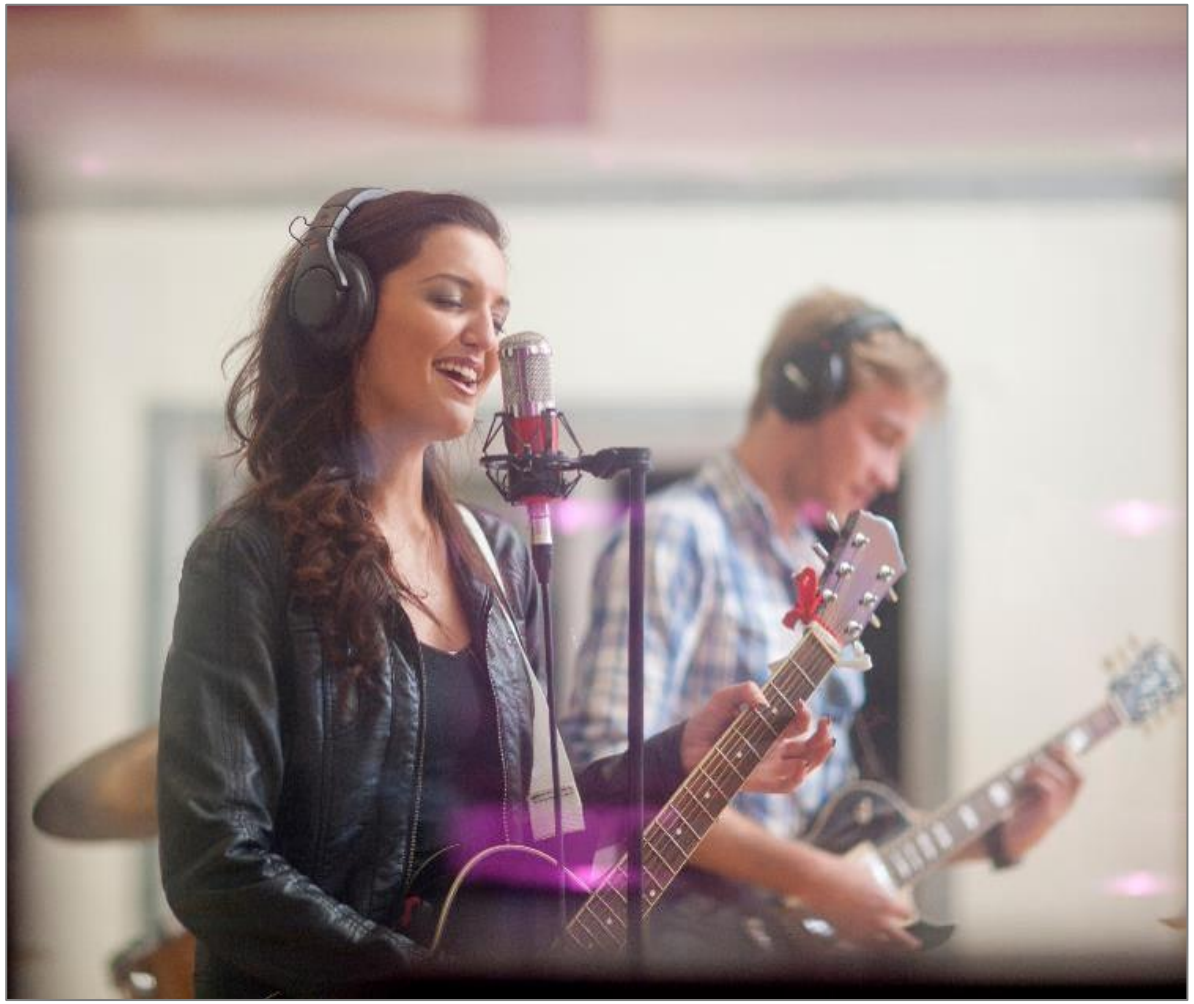
Virtual AskQC Office Hours

Meeting librarians where they are today: Incorporating linked data into existing library workflows

OCLC Metadata Quality
October 2023

Housekeeping

This session is being recorded



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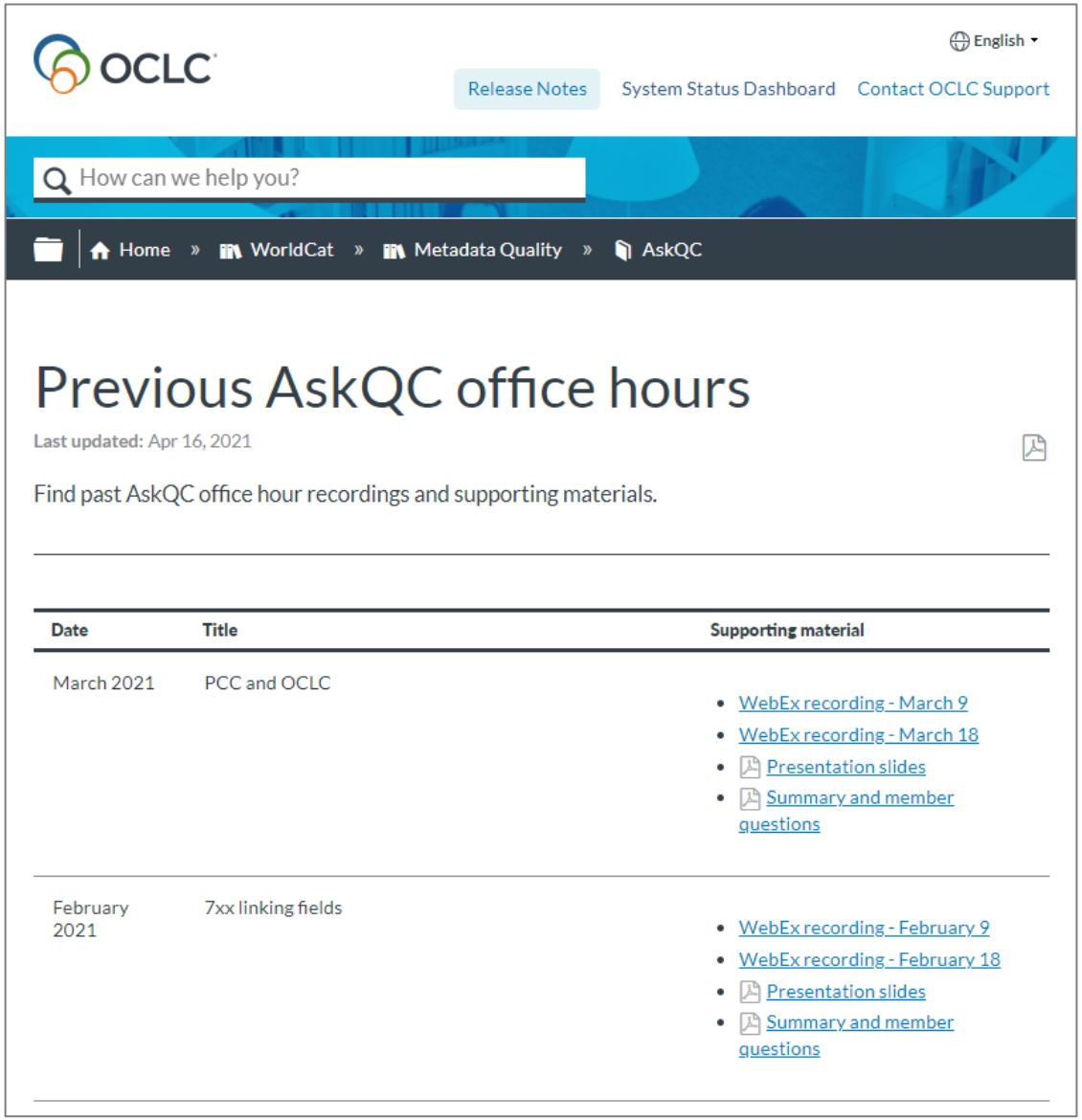

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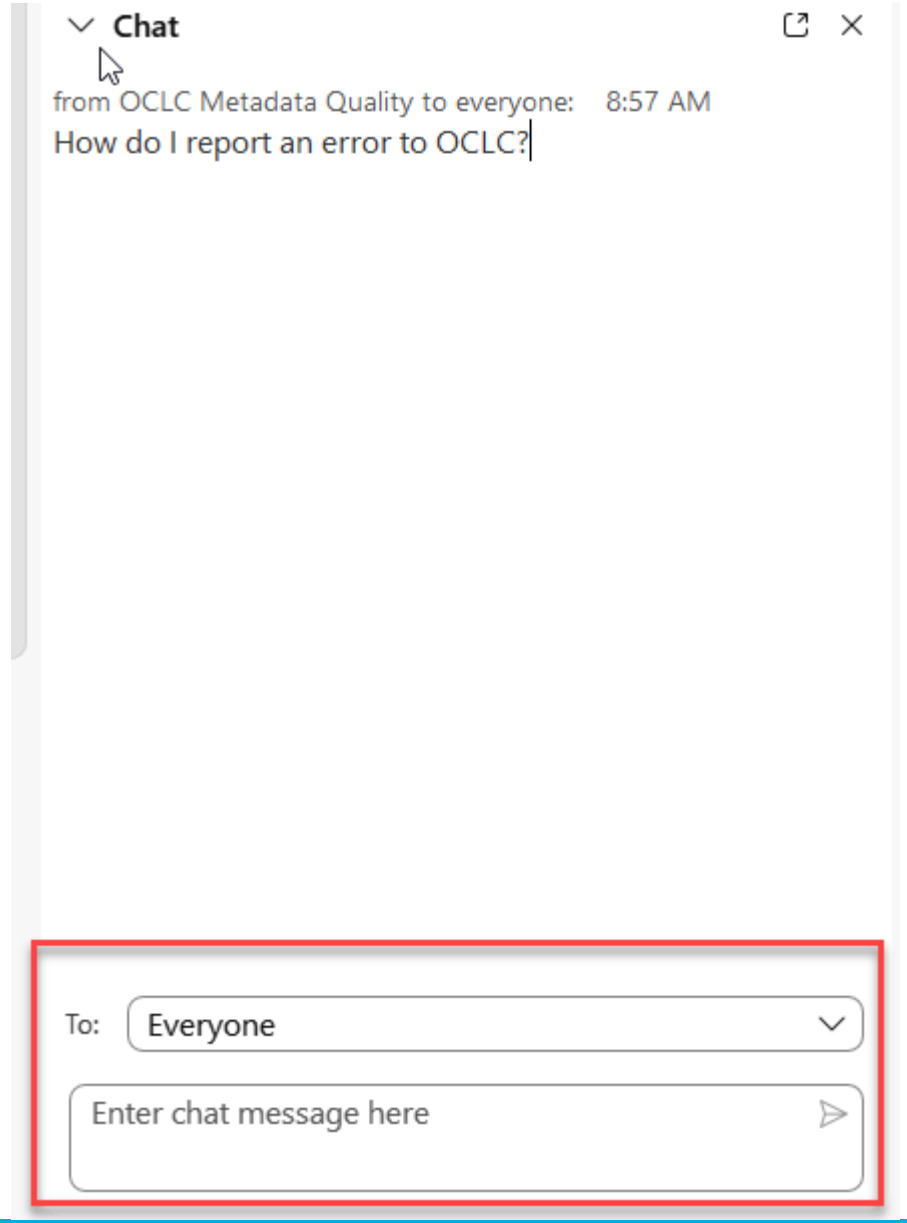
Enter questions in chat to “Everyone” at any time during the presentation



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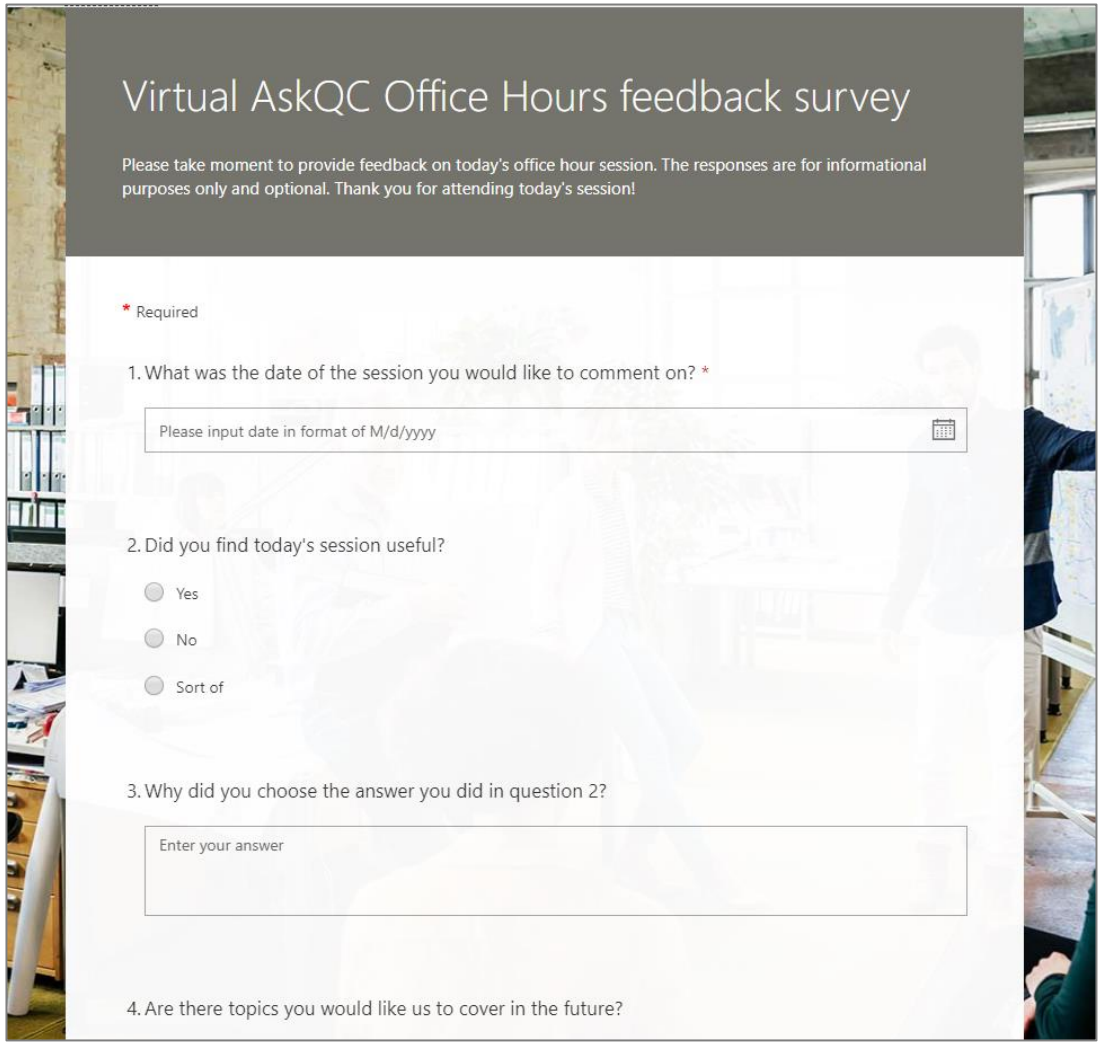
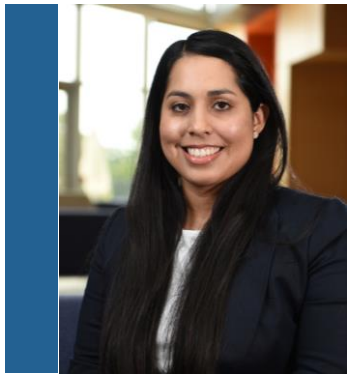
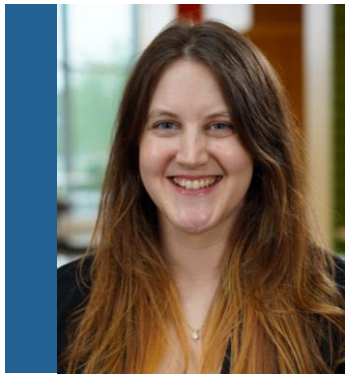
After the session, you will be directed to a brief, optional survey



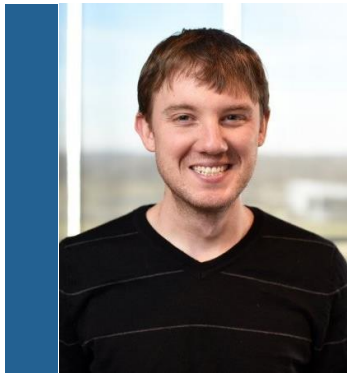
On the Call Today



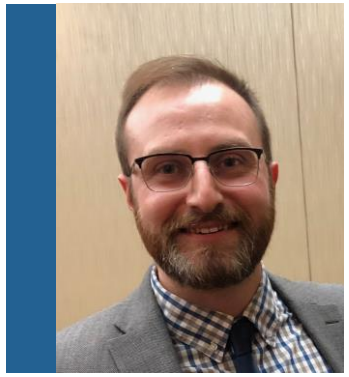
Hayley Moreno
Senior Data Analyst



Anne Washington
Product Analyst



Jeff Mixter
Senior Product Manager



Michael Phillips
Vocabulary Specialist

AskQC Office Hours

Meeting librarians where they are today: Incorporating linked data into existing library workflows

Anne Washington
Product Analyst

Jeff Mixter
Sr. Product Manager

OCLC

OCLC's work in linked data

Standards for linked data

1995 2010 Today

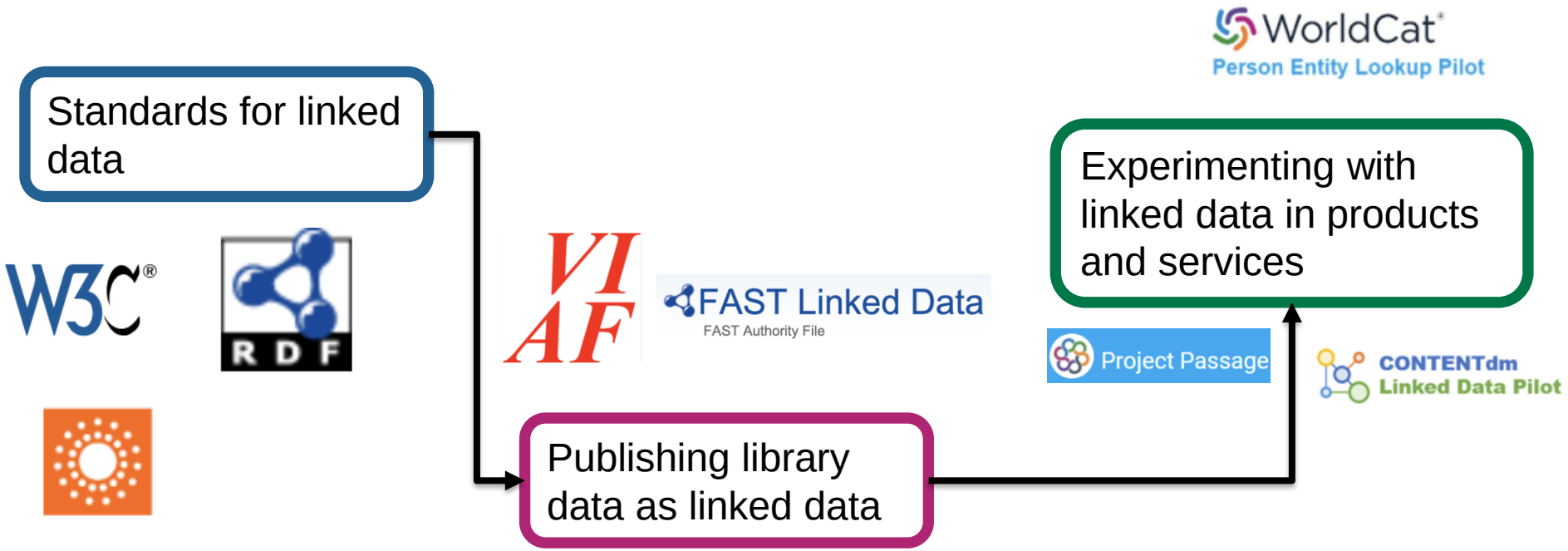
OCLC's work in linked data

Standards for linked data

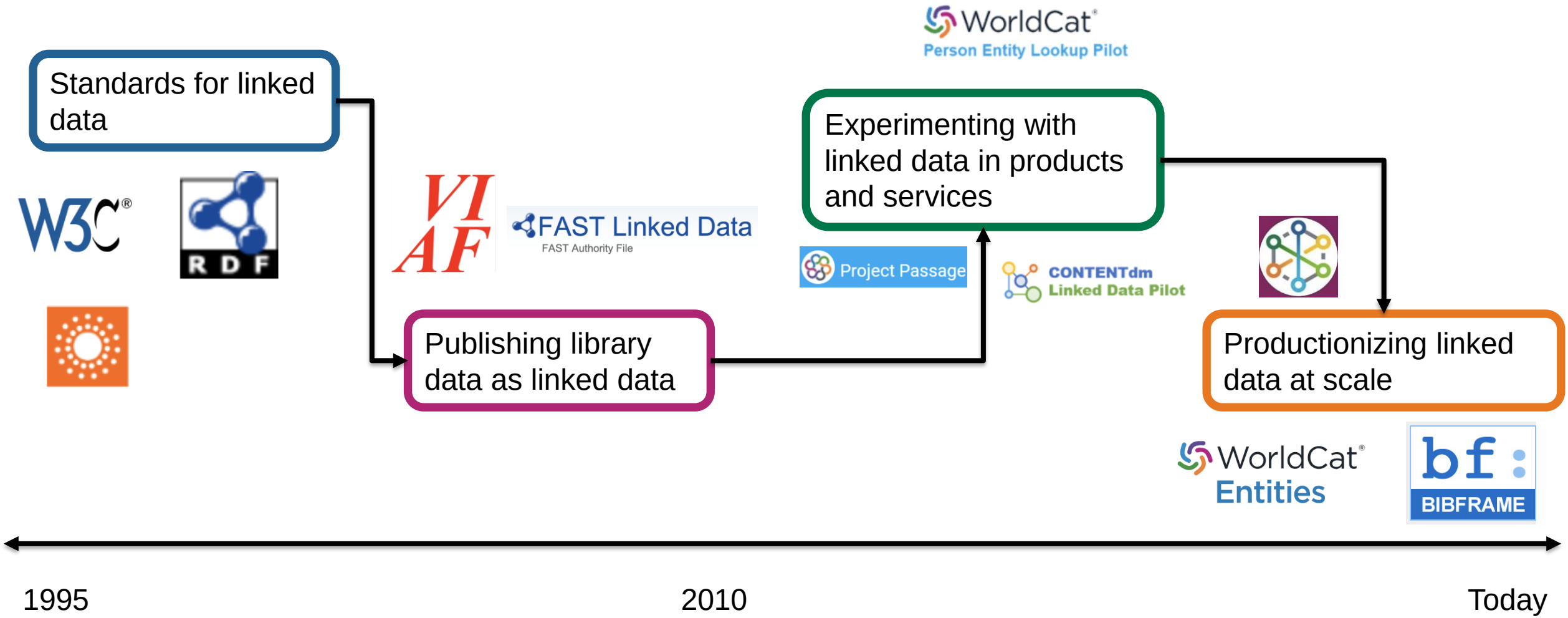
Publishing library data as linked data

1995 2010 Today

OCLC's work in linked data



OCLC's work in linked data



Solving for a variety of challenges

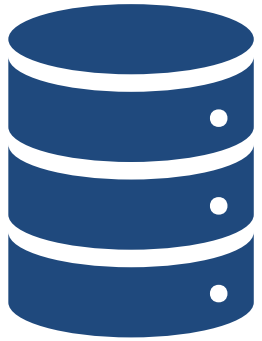
- **Increasingly complex workflow in hybrid environments**
- **Disparate URIs** make authority work difficult and time-consuming
- **Lack of tools** supporting a unified cataloging environment prohibits data connections
- **Inability for data to serve multiple workflows** leads to duplicative creation and curation
- **Absence of an ecosystem** that enables shared, collaborative linked data management at scale promotes disparate workflows

OCLC’s linked data ecosystem

Authority data

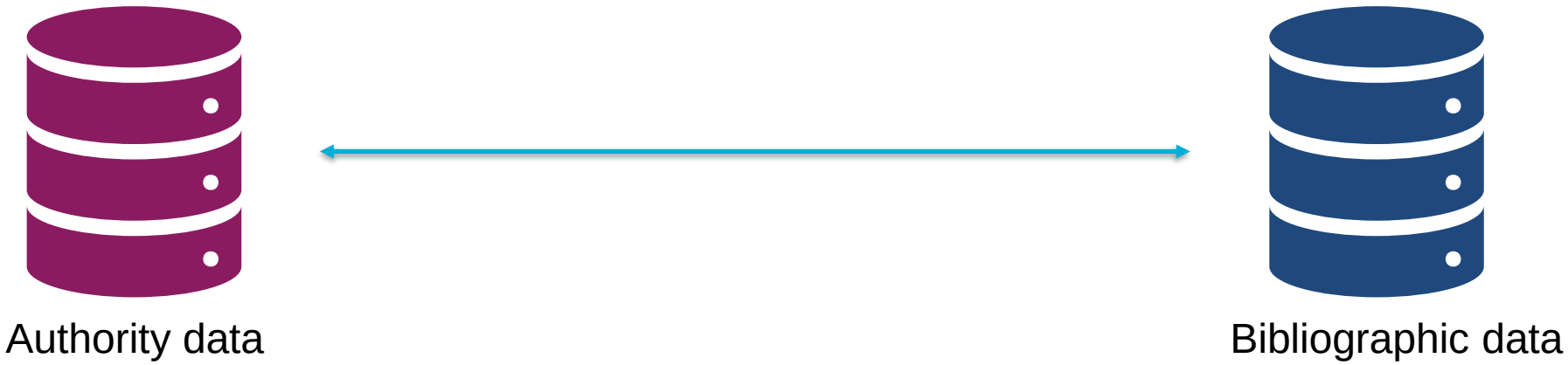
OCLC’s linked data ecosystem

Authority data



Bibliographic data

OCLC’s linked data ecosystem



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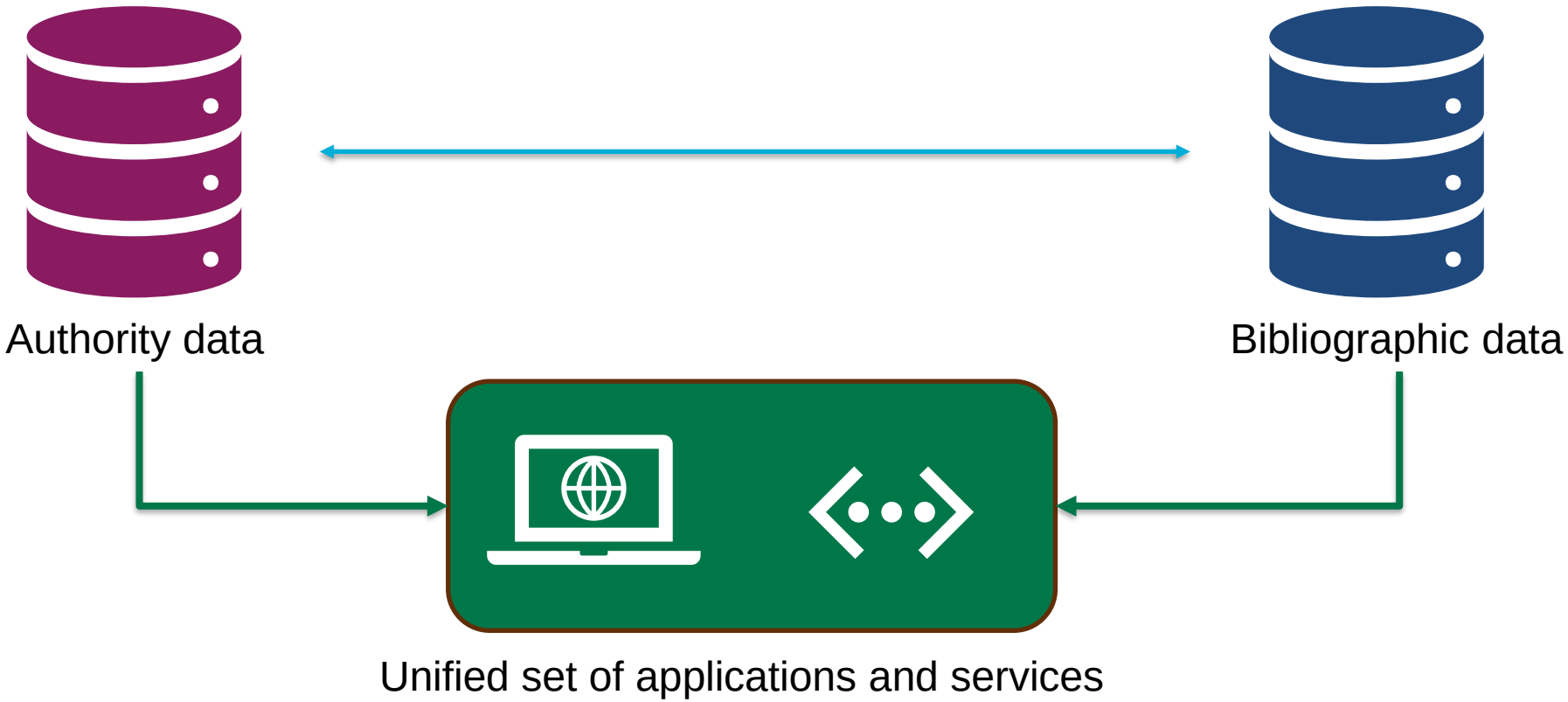
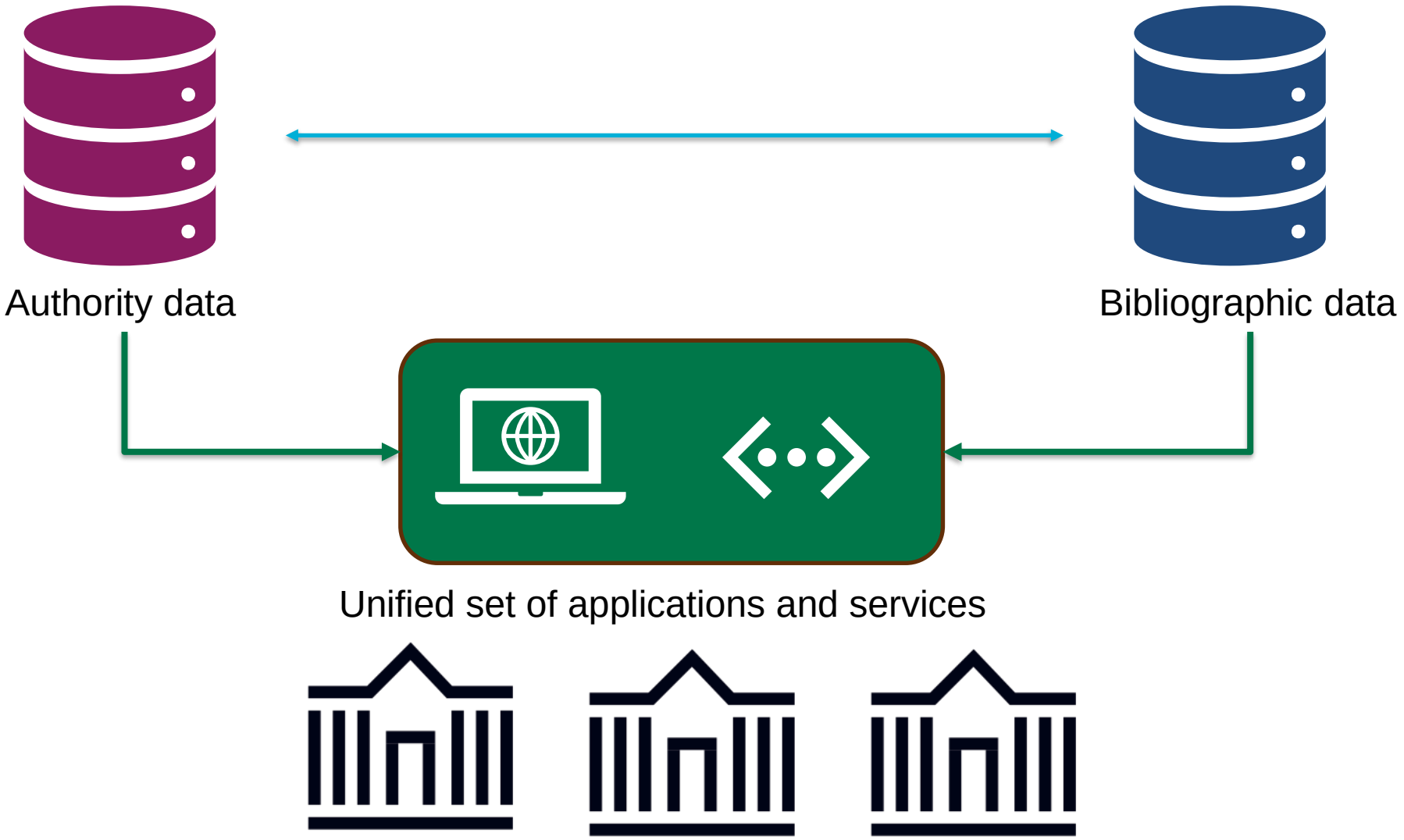


OCLC’s linked data ecosystem



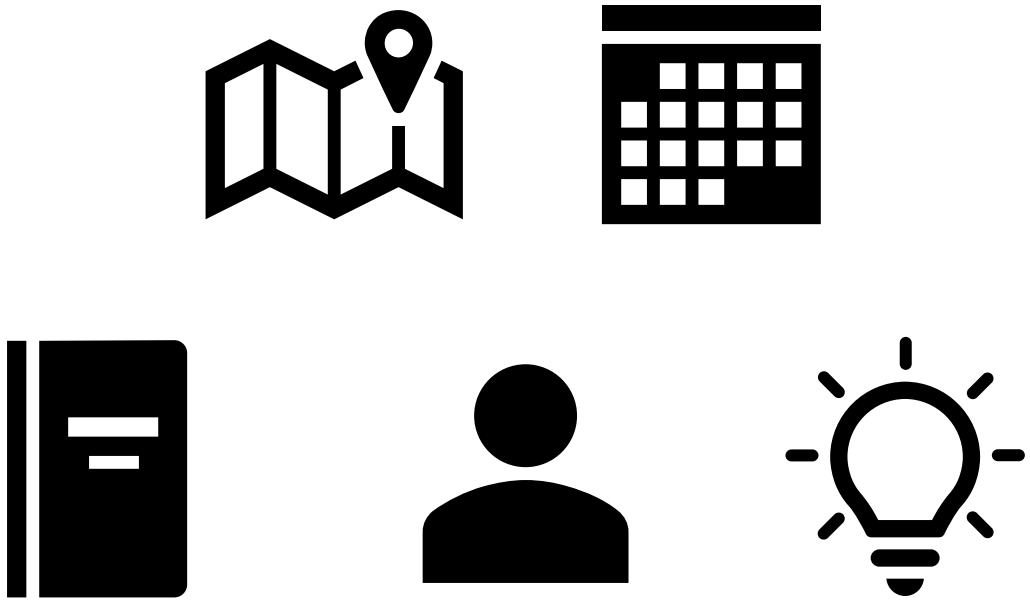
Meeting libraries where you are today

- **Create global identifiers** that will be used across workflows by adding to URIs to WorldCat data
- **Release tools that bridge the gap** between traditional records and linked data frameworks to enable seamless creation and curation of data
- **Import and export WorldCat data as BIBFRAME** so librarians can work seamlessly between MARC and BIBFRAME
- **Evaluate and adapt to flavors of BIBFRAME** so librarians can share and exchange data with the highest fidelity possible

AUTHORITY WORKFLOWS

WorldCat Entities

- Authority linked data entities
  - Person
  - Work
  - Place
  - Event
  - Concepts

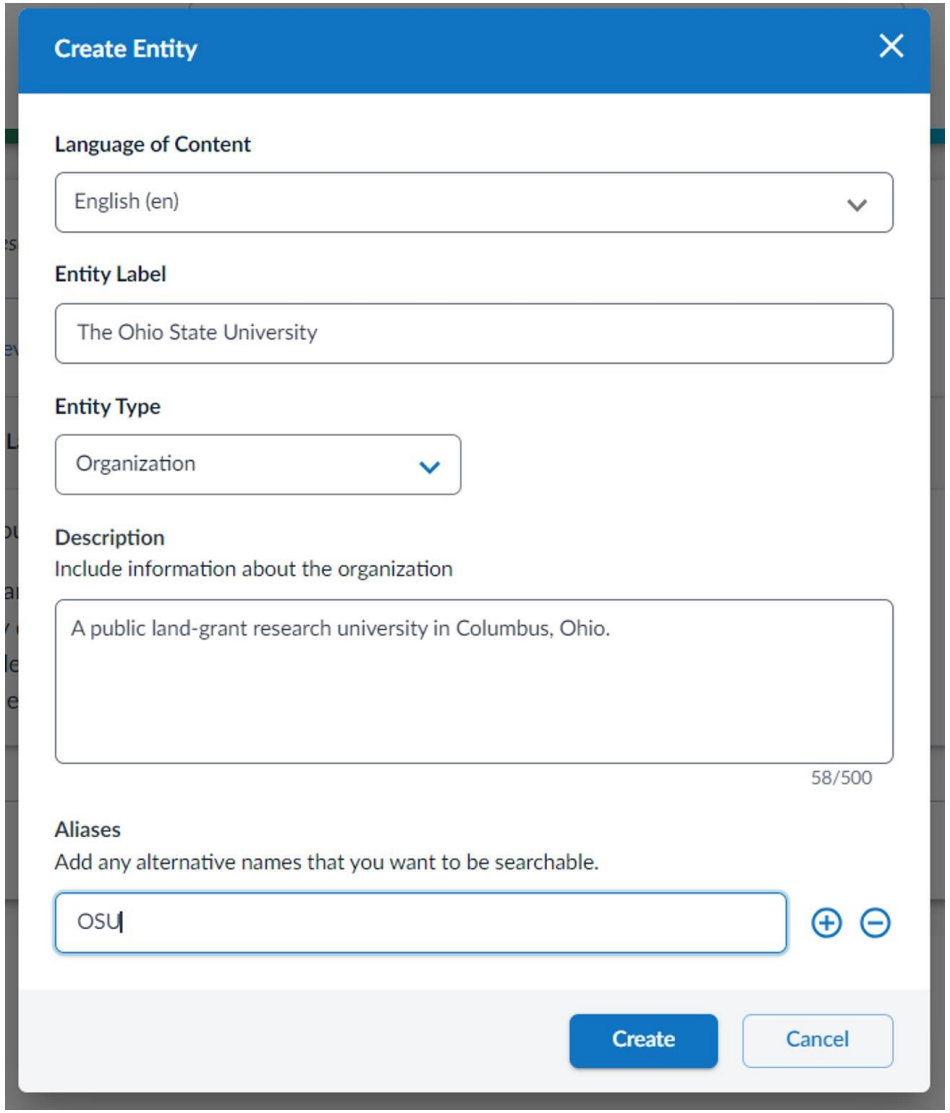


WorldCat ontology

- OCLC is working with partner libraries to expand the data model based on library workflows and data needs
- Data model used to describe Authoritative entities in WorldCat Entities

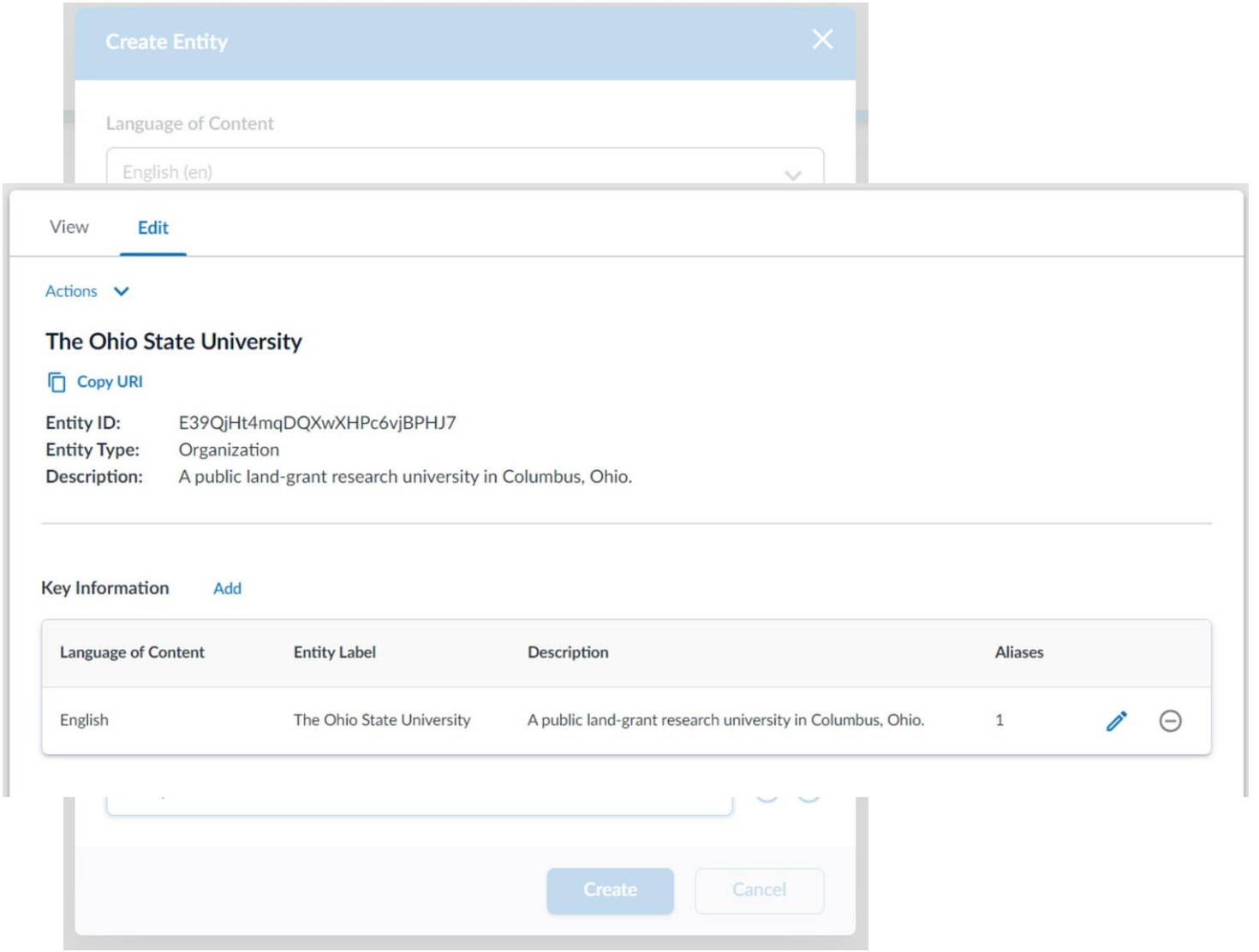
OCLC Meridian

- Create a new Organization entity



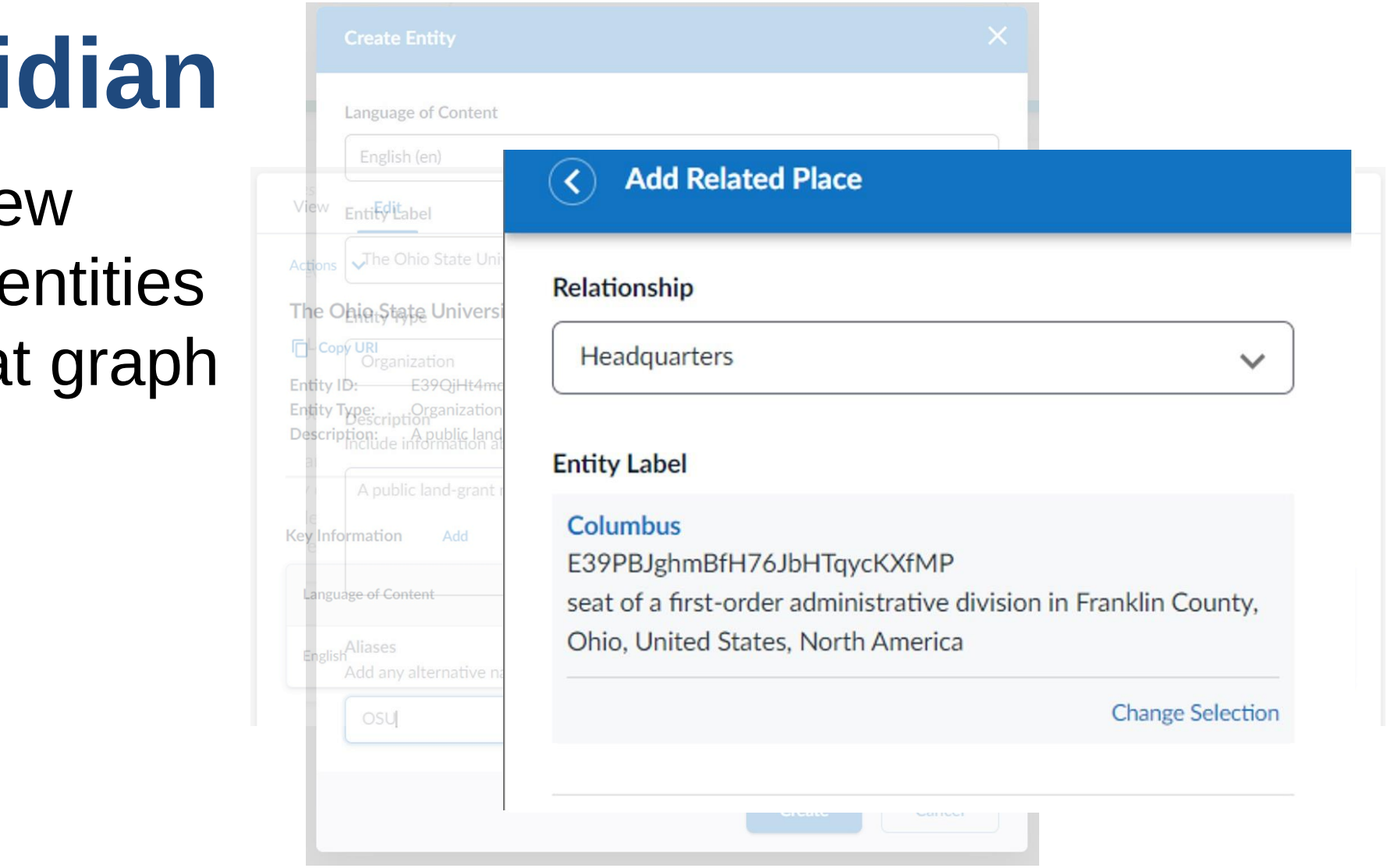
OCLC Meridian

- Immediately access a linked data URI



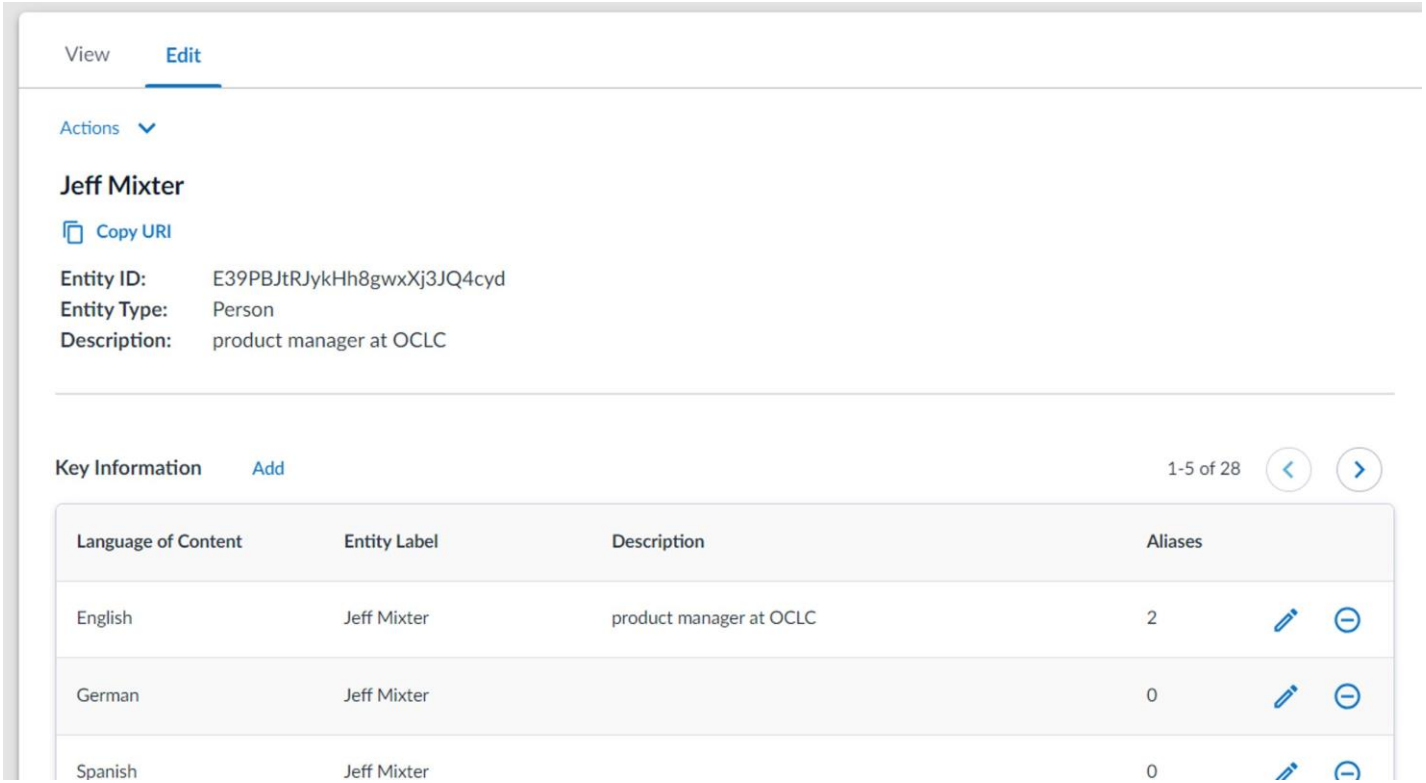
OCLC Meridian

- Connect the new entity to other entities in the WorldCat graph



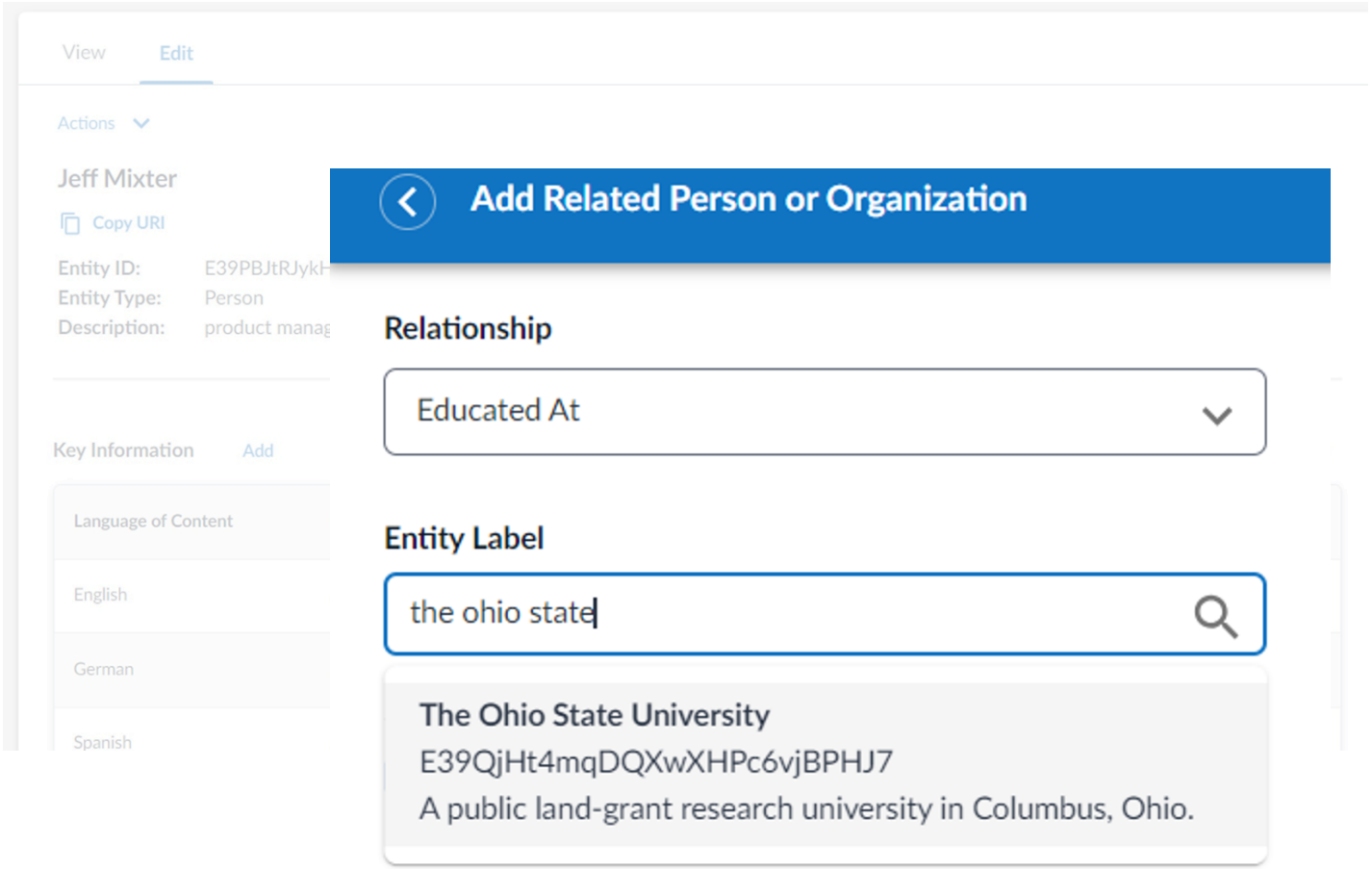
OCLC Meridian

- Find other connection points in the WorldCat graph



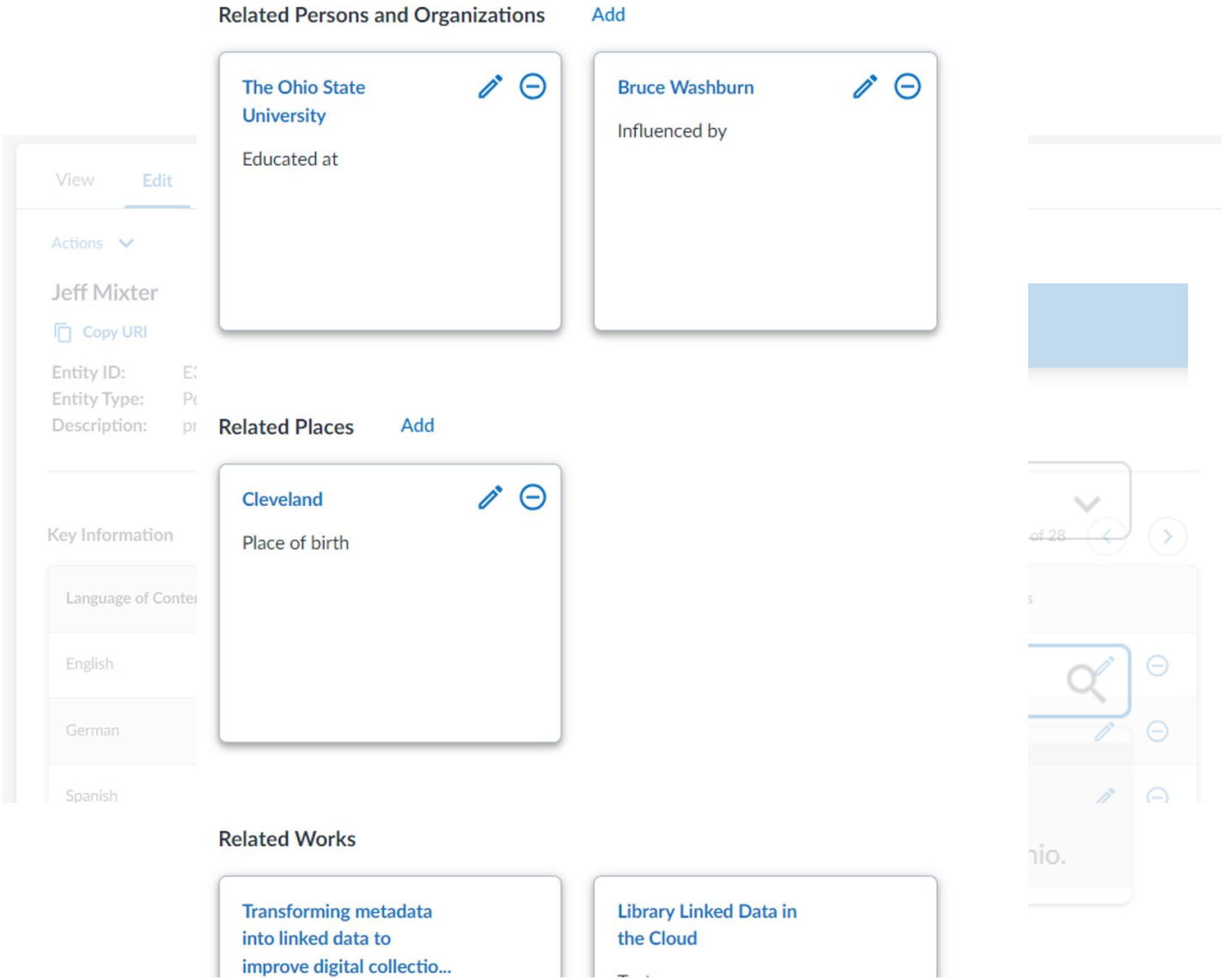
OCLC Meridian

- Connect them back to the new entity



OCLC Meridian

- Rich and meaningfully connected graph of data to serve library workflows



BIBLIOGRAPHIC WORKFLOWS

BIBFRAME ingest/export

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‘Linkifying’ WorldCat

- Currently working to add WorldCat Entity URIs to $1 across WorldCat

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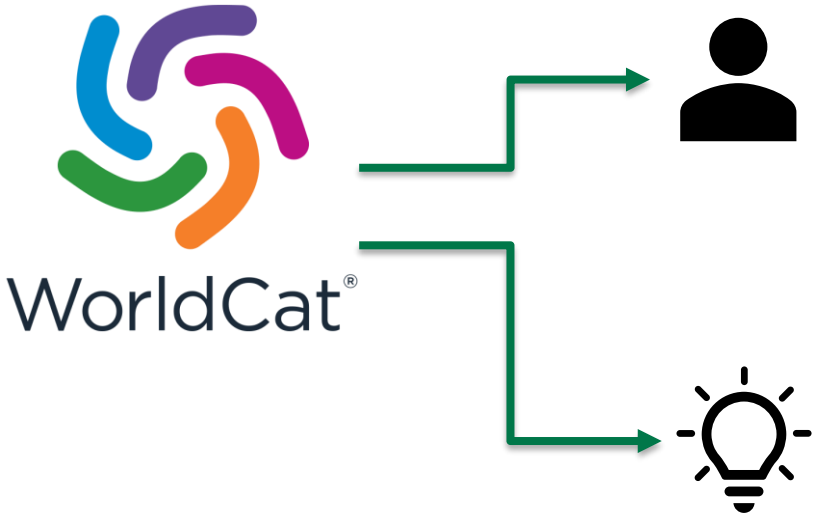

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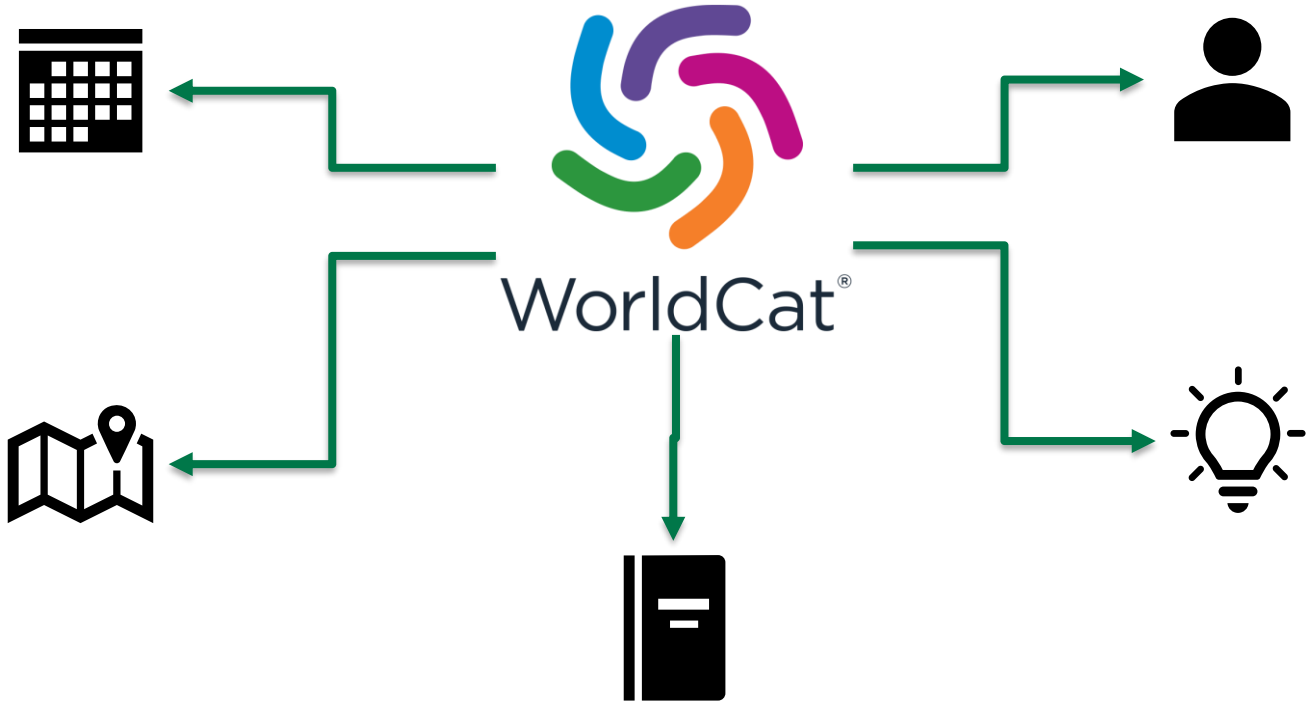


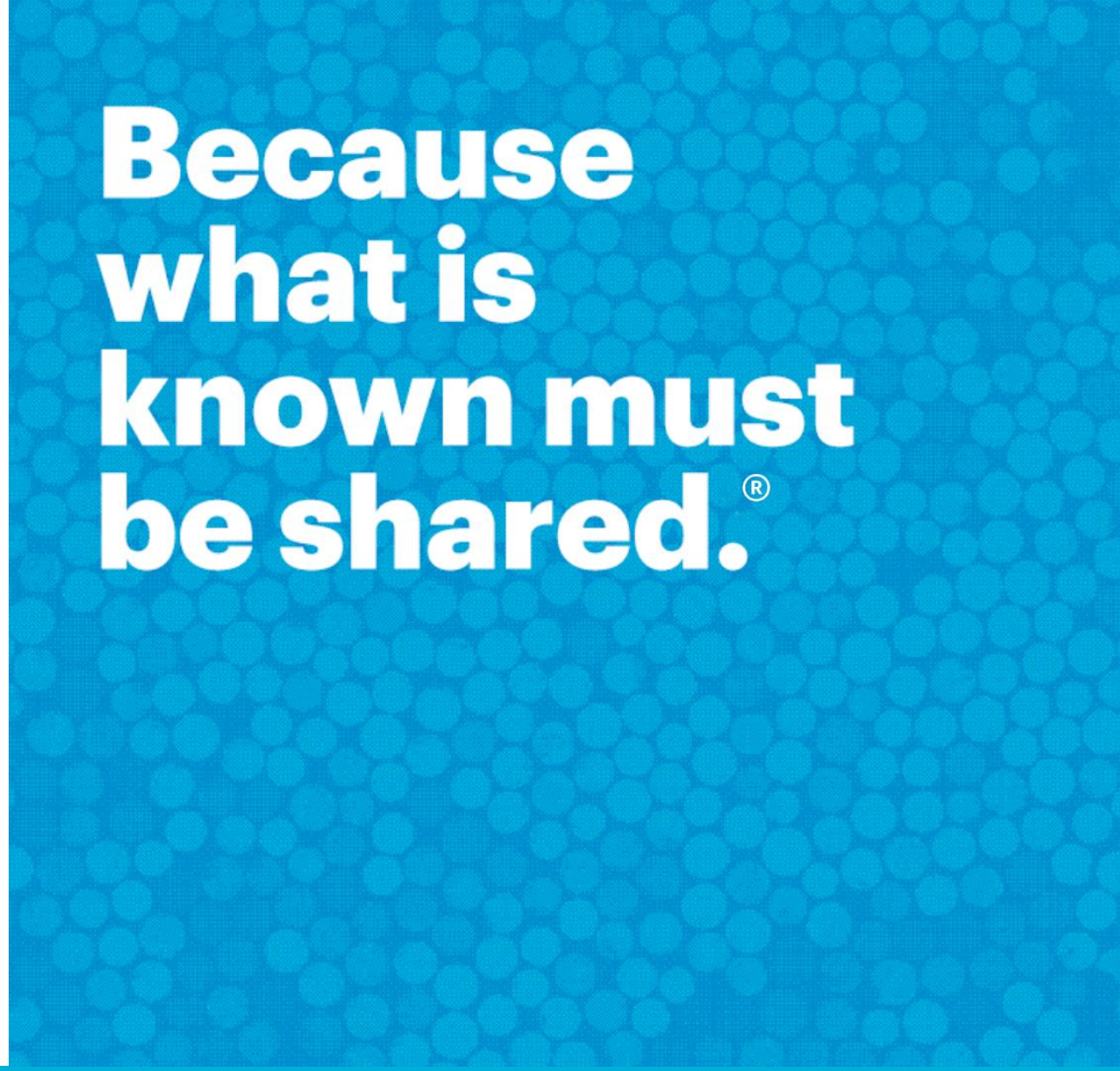
BIBFRAME Editor

- Developing a BIBFRAME editor to meet the needs of librarians as the transition to non-MARC formats and face new data needs and workflows
- Works seamlessly back-and-forth with BIBFRAME and MARC data so libraries can choose the data format best suited for their workflows, systems, and staff

Thanks!

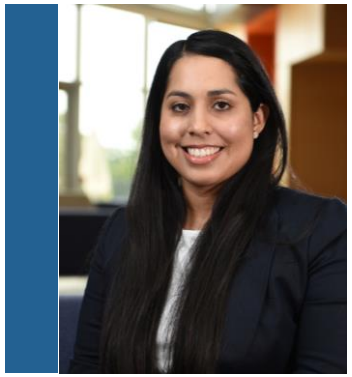
Jeff Mixter
Sr. Product Manager
mixterj@oclc.org

Anne Washington
Product Analyst
washinga@oclc.org



OCLC

On the Call Today



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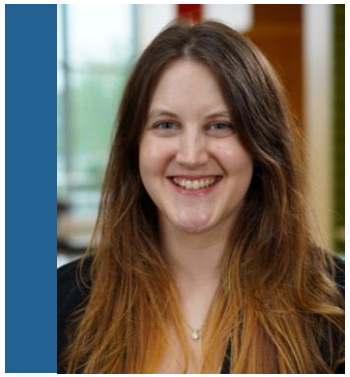

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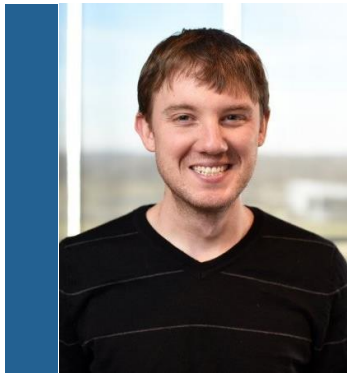

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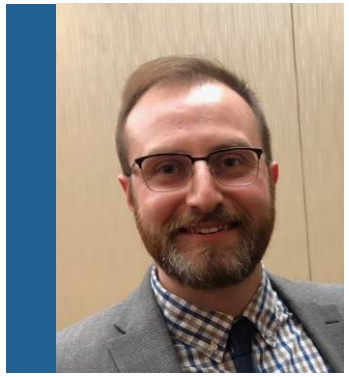


Michael Phillips
Vocabulary Specialist

Thank You!

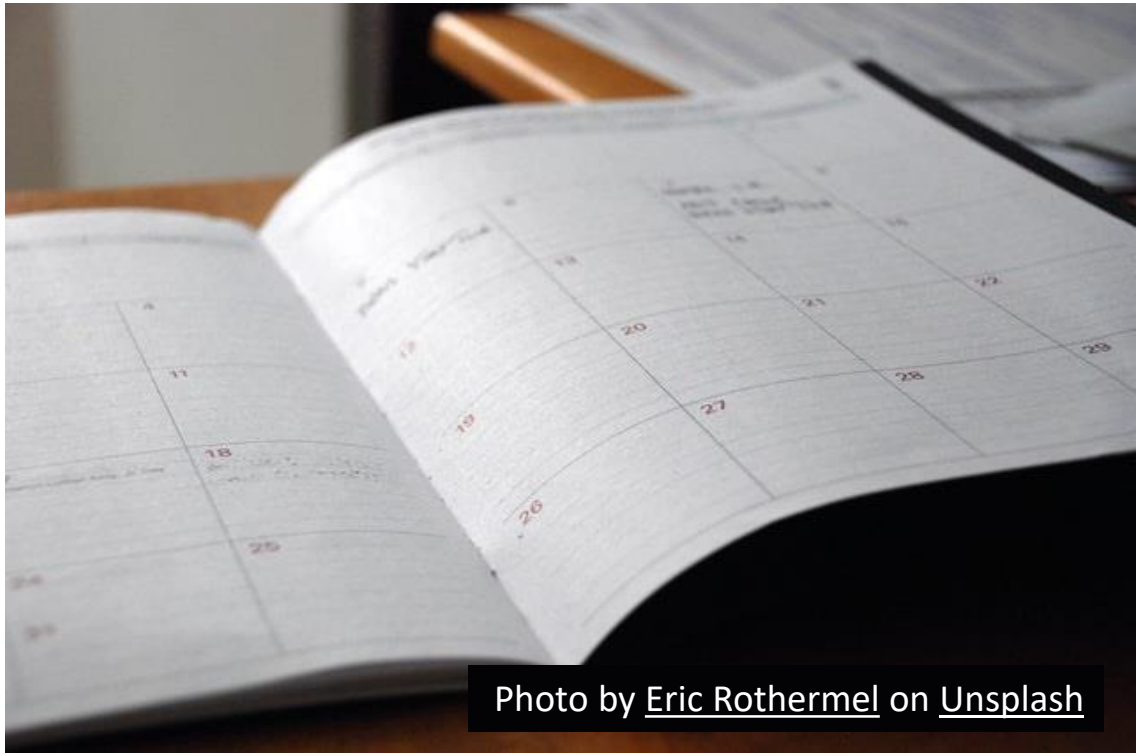
November 2023 Virtual AskQC Office Hours

MARC Fields for Manuscripts and Archival Collections

Tuesday, 7 November at 10:00 AM Eastern
Thursday, 16 November at 4:00 PM Eastern

Registration and session links available at oc.lc/askqc

Send cataloging policy questions at any time to askqc@oclc.org



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