

Virtual AskQC Office Hours

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

OCLC Metadata Quality
October 2023

Housekeeping

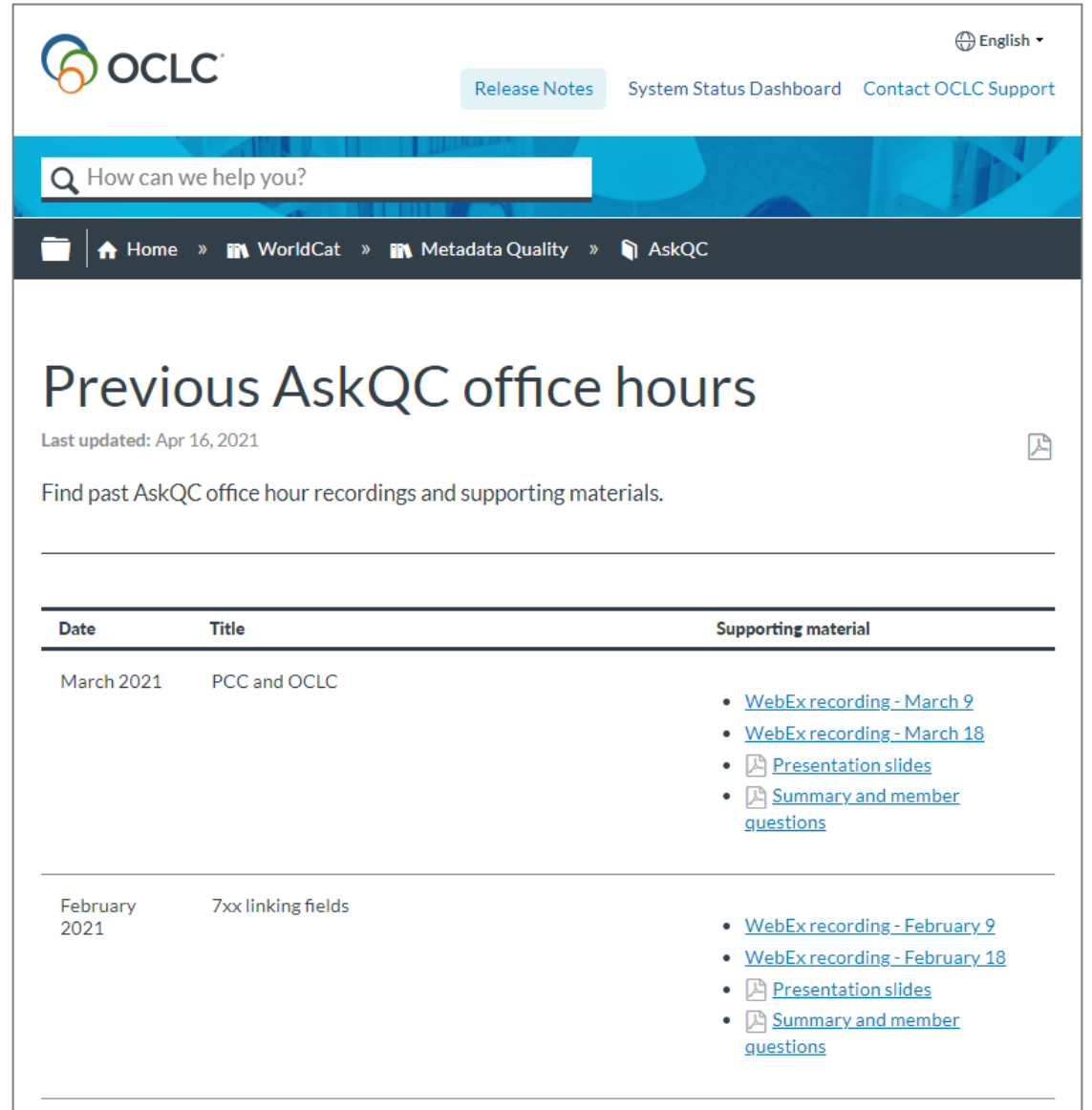
This session is being recorded



Housekeeping

This session is being recorded

All session recordings, slides, and notes are available at oc.lc/askqc



The screenshot shows the OCLC website's AskQC page. At the top, there is the OCLC logo, a search bar with the text "How can we help you?", and navigation links for "Release Notes", "System Status Dashboard", and "Contact OCLC Support". Below the search bar is a breadcrumb trail: "Home » WorldCat » Metadata Quality » AskQC". The main heading is "Previous AskQC office hours", with a subtext "Last updated: Apr 16, 2021" and a download icon. A paragraph reads "Find past AskQC office hour recordings and supporting materials." Below this is a table with three columns: "Date", "Title", and "Supporting material".

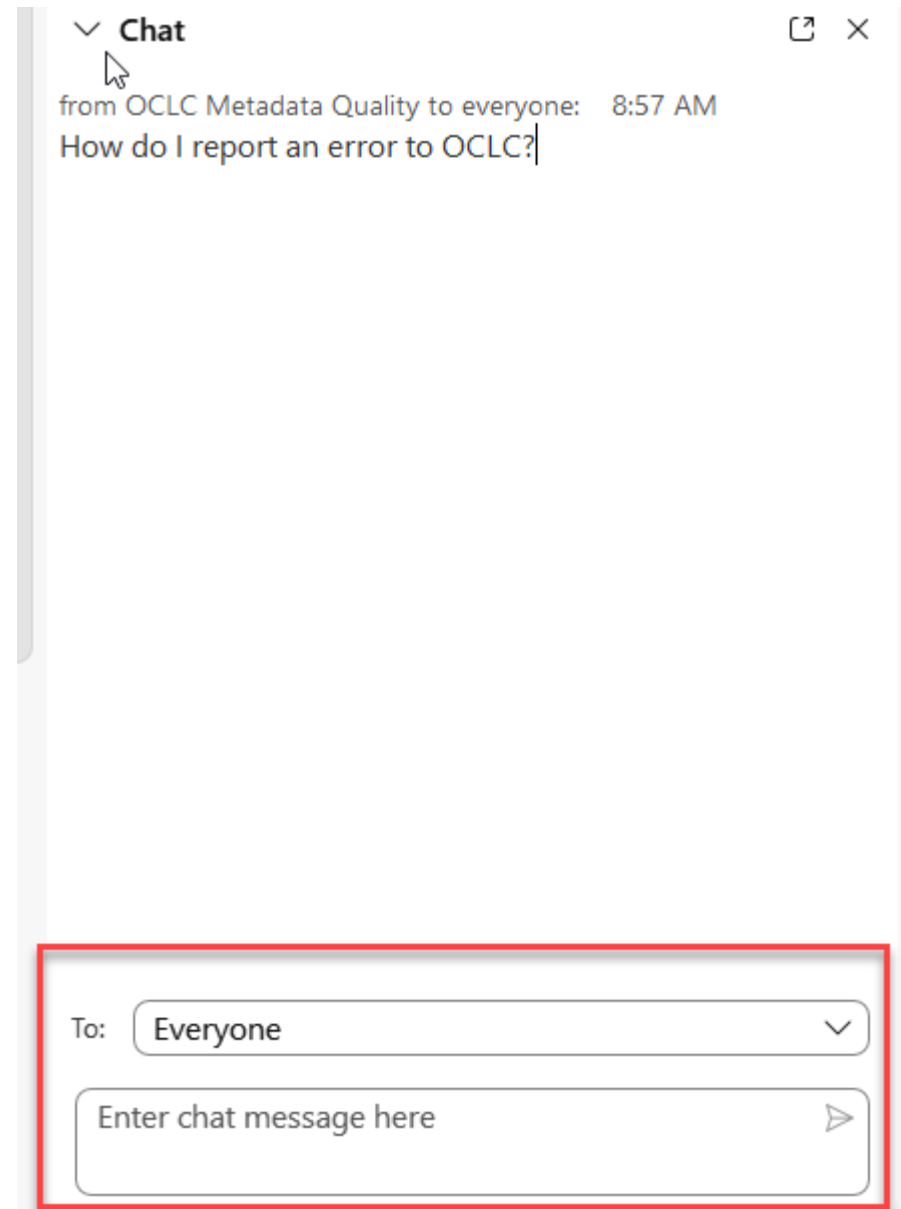
Date	Title	Supporting material
March 2021	PCC and OCLC	<ul style="list-style-type: none">WebEx recording - March 9WebEx recording - March 18Presentation slidesSummary and member questions
February 2021	7xx linking fields	<ul style="list-style-type: none">WebEx recording - February 9WebEx recording - February 18Presentation slidesSummary and member questions

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



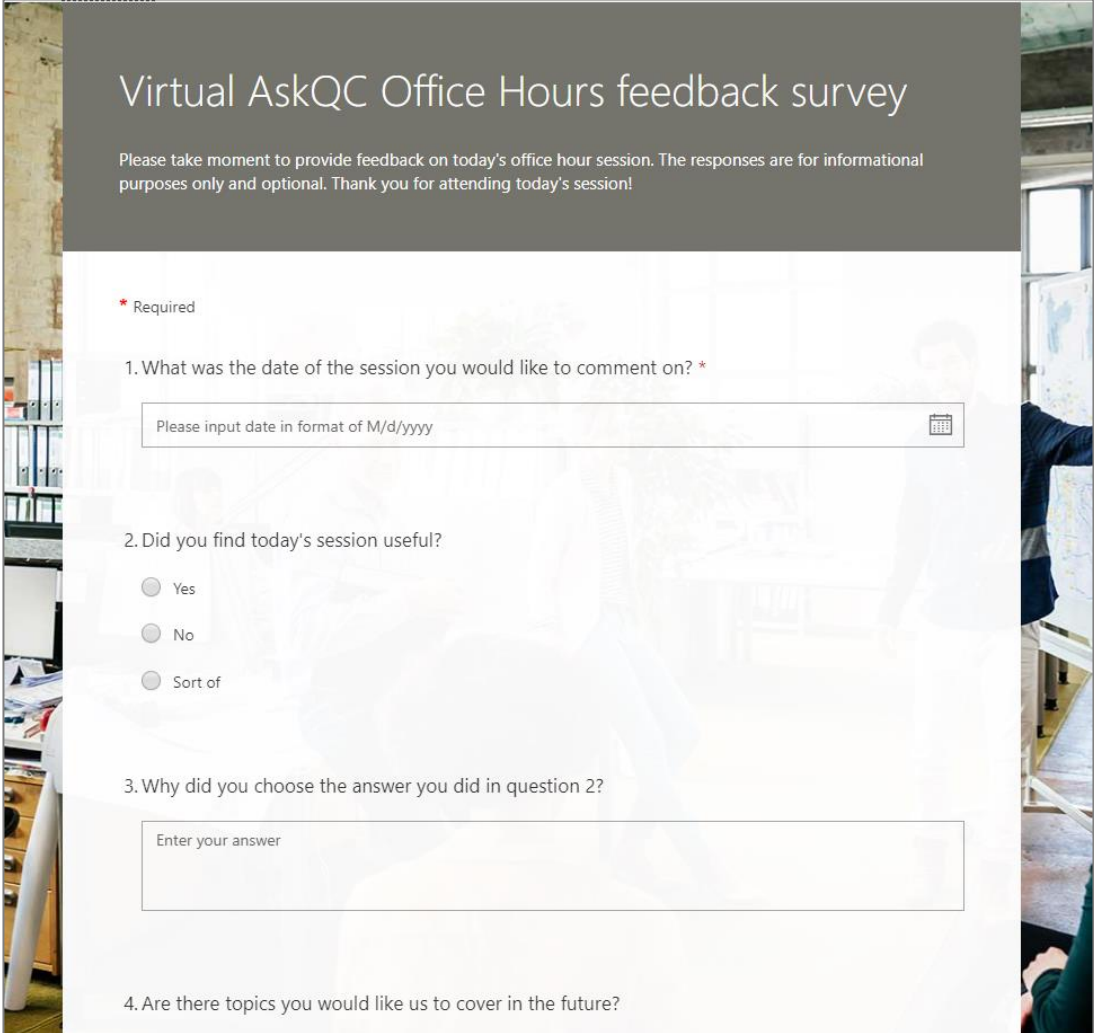
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Enter questions in chat to “Everyone” at any time during the presentation.

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



Virtual AskQC Office Hours feedback survey

Please take moment to provide feedback on today's office hour session. The responses are for informational purposes only and optional. Thank you for attending today's session!

* Required

1. What was the date of the session you would like to comment on? *

Please input date in format of M/d/yyyy

2. Did you find today's session useful?

Yes

No

Sort of

3. Why did you choose the answer you did in question 2?

Enter your answer

4. Are there topics you would like us to cover in the future?

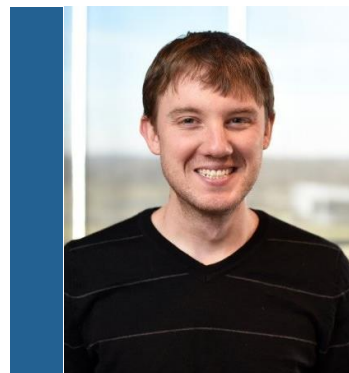
On the Call Today



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's work in linked data

Standards for linked data

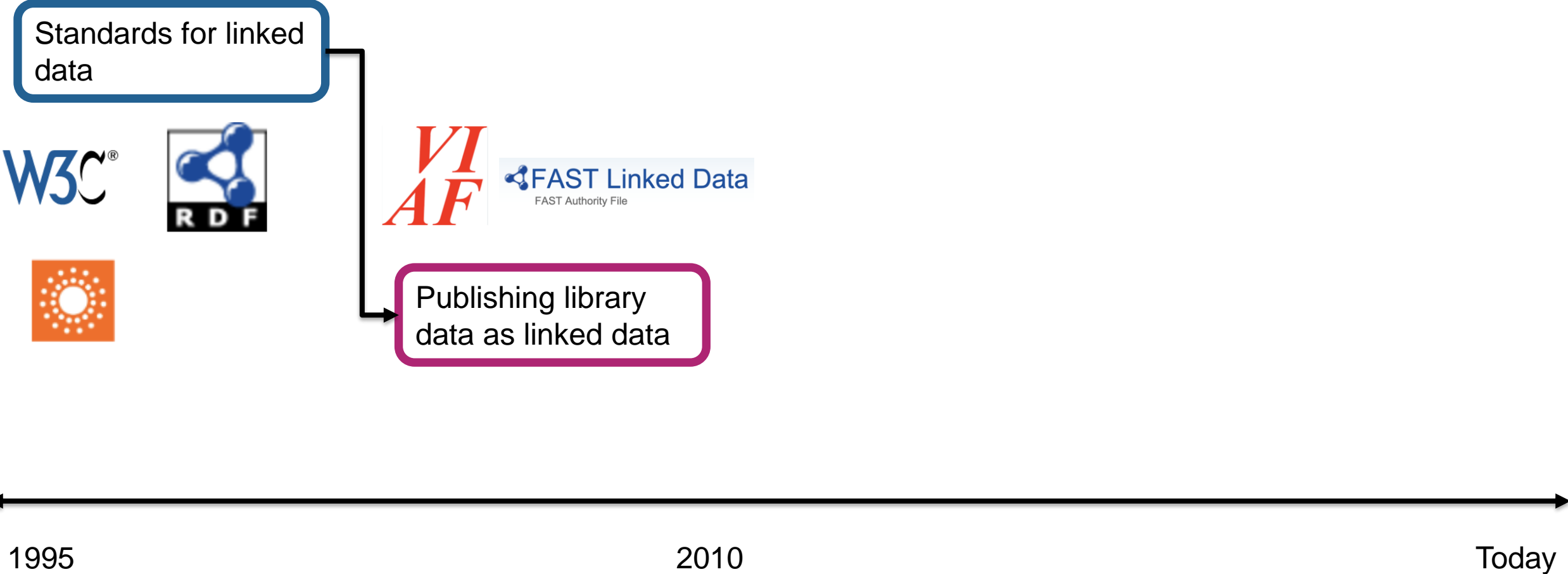


1995

2010

Today

OCLC's work in linked data



OCLC's work in linked data

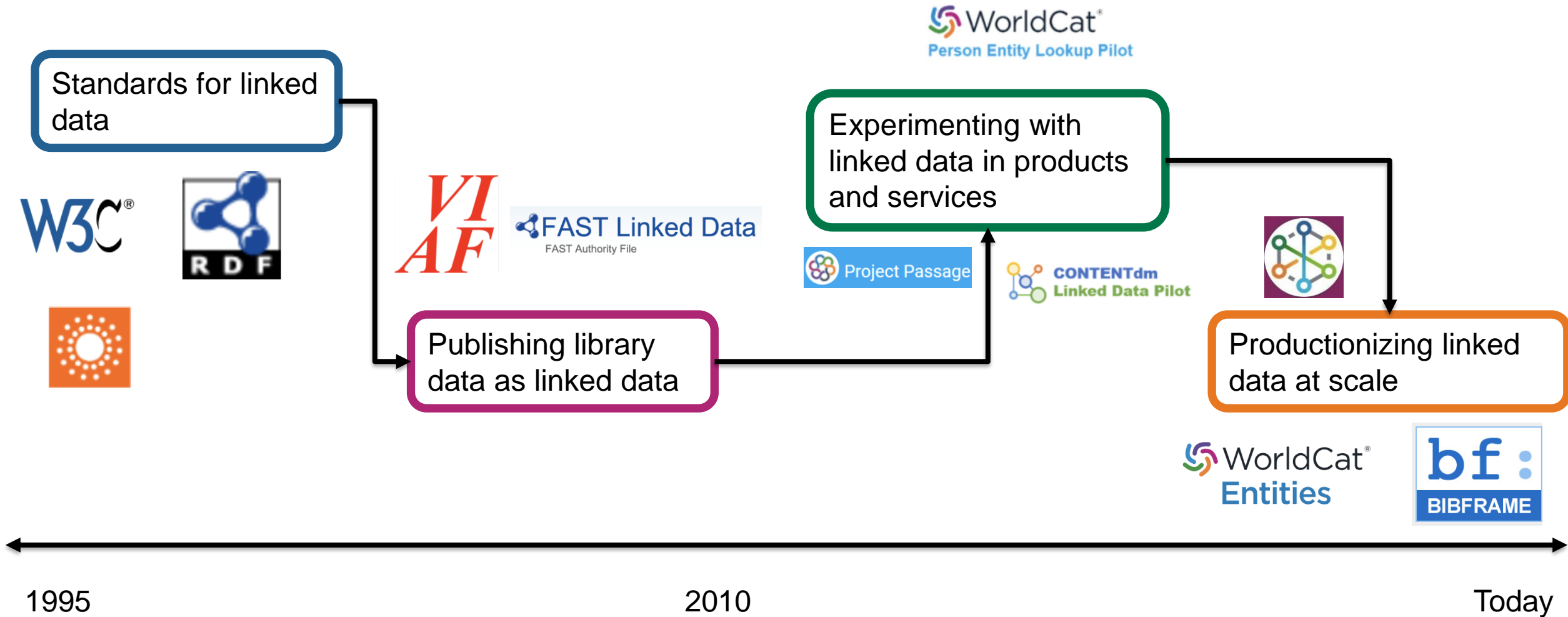


1995

2010

Today

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

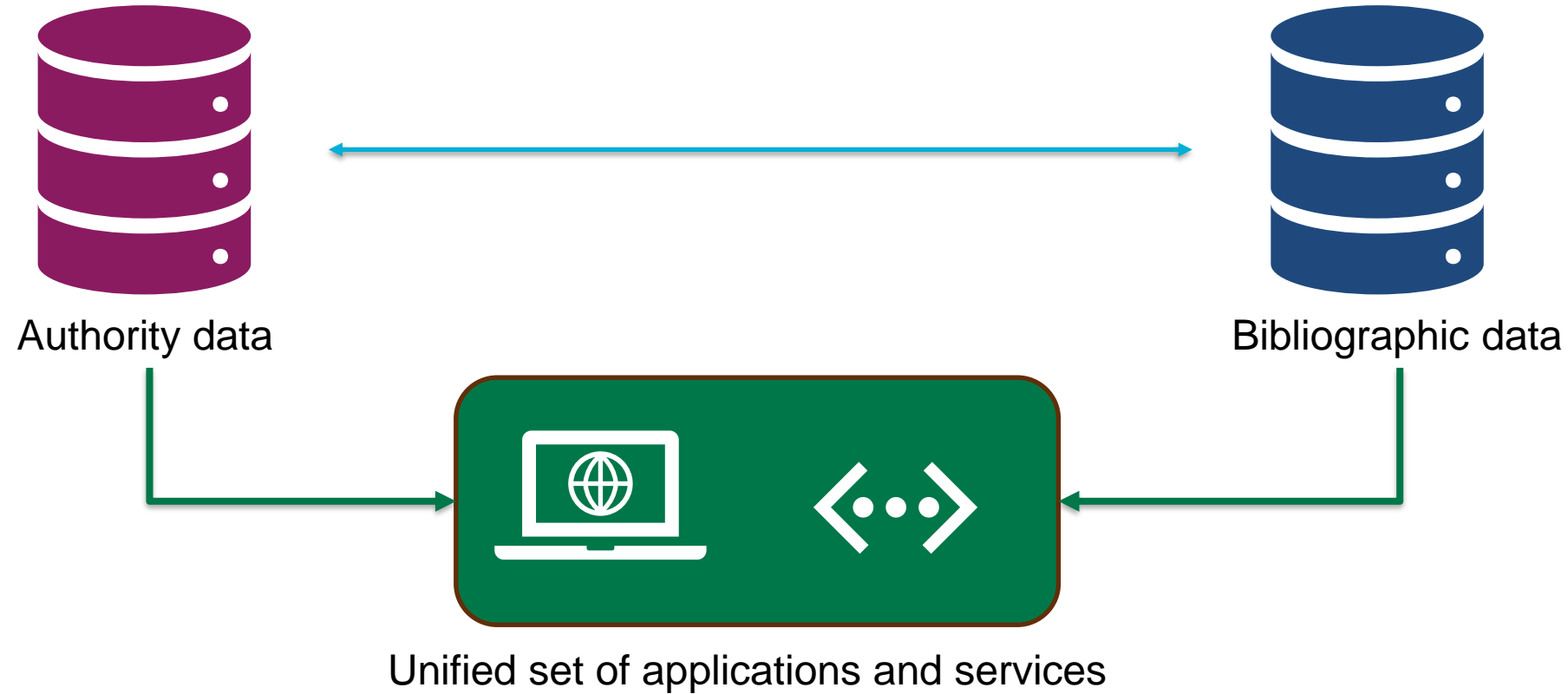


Authority data

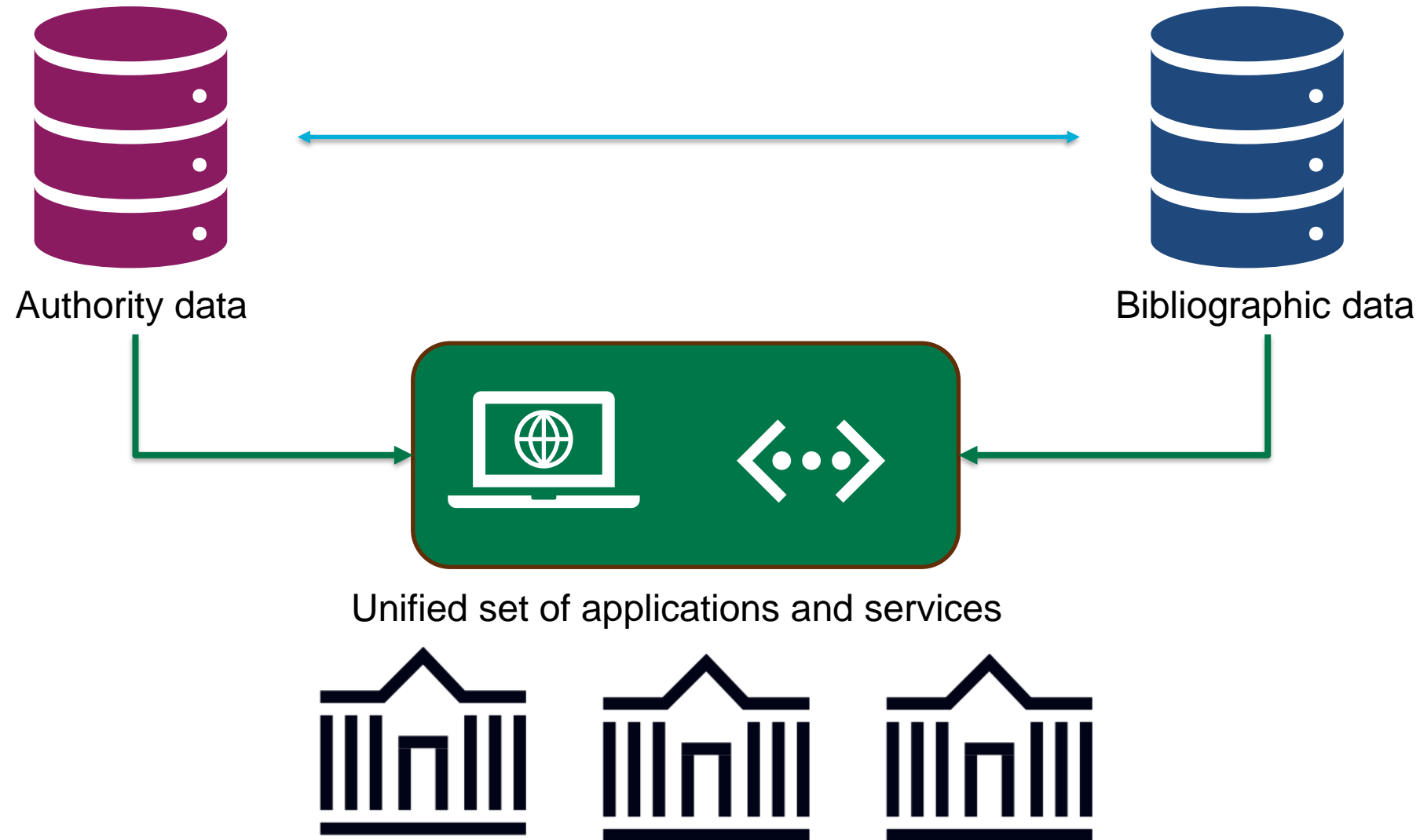


Bibliographic data

OCLC's linked data ecosystem



OCLC's linked data ecosystem



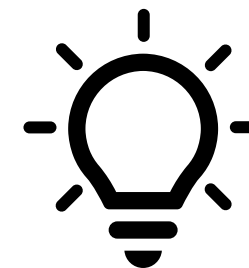
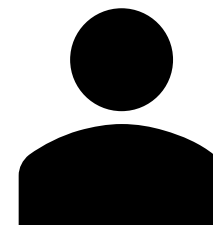
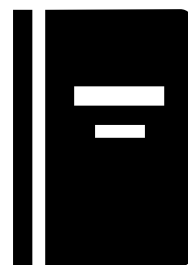
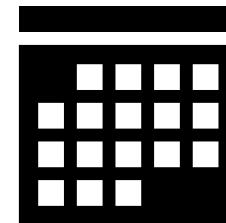
Meeting libraries where you are today

- **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

Create Entity ✕

Language of Content
English (en) ▾

Entity Label
The Ohio State University

Entity Type
Organization ▾

Description
Include information about the organization

A public land-grant research university in Columbus, Ohio.

58/500

Aliases
Add any alternative names that you want to be searchable.

OSU + -

Create **Cancel**

OCLC Meridian

- Immediately access a linked data URI

Create Entity

Language of Content
English (en)

View **Edit**



Actions ▾

The Ohio State University

Copy URI

Entity ID: E39QjHt4mqDQXwXHPc6vjBPHJ7
Entity Type: Organization
Description: A public land-grant research university in Columbus, Ohio.

Key Information **Add**

Language of Content	Entity Label	Description	Aliases
English	The Ohio State University	A public land-grant research university in Columbus, Ohio.	1  

Create Cancel

OCLC Meridian

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

Create Entity

Language of Content
English (en)

View Entity Label

Actions
The Ohio State University

The Ohio State University
Organization

Entity ID: E39QjHt4mc

Entity Type: Organization

Description: A public land-grant university in Columbus, Ohio, United States, North America

A public land-grant university in Columbus, Ohio, United States, North America

Key Information Add

Language of Content
English

Aliases
Add any alternative names

OSU

Add Related Place

Relationship
Headquarters

Entity Label
Columbus
E39PBJghmBfH76JbHTqycKXfMP
seat of a first-order administrative division in Franklin County, Ohio, United States, North America

Change Selection

OCLC Meridian

- Find other connection points in the WorldCat graph







View **Edit**

Actions ▾

Jeff Mixer
Copy URI

Entity ID: E39PBJtRJykhH8gwxXj3JQ4cyd
Entity Type: Person
Description: product manager at OCLC

Key Information **Add** 1-5 of 28 < >

Language of Content	Entity Label	Description	Aliases	
English	Jeff Mixer	product manager at OCLC	2	 
German	Jeff Mixer		0	 
Spanish	Jeff Mixer		0	 

OCLC Meridian

- Connect them back to the new entity

The screenshot displays the OCLC Meridian interface. On the left, a sidebar shows the entity details for 'Jeff Mixer', including his Entity ID (E39PBJtRJykt), Entity Type (Person), and Description (product manager). Below this, the 'Key Information' section shows the 'Language of Content' as English. The main area is titled 'Add Related Person or Organization' and features a 'Relationship' dropdown menu set to 'Educated At'. Below this, the 'Entity Label' search box contains the text 'the ohio state'. A search result for 'The Ohio State University' is displayed, showing its Entity ID (E39QjHt4mqDQXwXHPc6vjBPHJ7) and a brief description: 'A public land-grant research university in Columbus, Ohio.'

OCLC Meridian

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

The screenshot displays the OCLC Meridian interface for a user profile. On the left, a sidebar shows the user's name 'Jeff Mixer', a 'Copy URI' button, and 'Key Information' including 'Language of Content' with options for English, German, and Spanish. The main area features several relationship cards:

- Related Persons and Organizations:** A card for 'The Ohio State University' with the relationship 'Educated at'. Another card for 'Bruce Washburn' with the relationship 'Influenced by'.
- Related Places:** A card for 'Cleveland' with the relationship 'Place of birth'.
- Related Works:** Two cards for 'Transforming metadata into linked data to improve digital collectio...' and 'Library Linked Data in the Cloud'.

Each card includes edit and delete icons. The interface also shows a 'View Edit' toggle, an 'Actions' dropdown, and a 'of 28' pagination indicator.

BIBLIOGRAPHIC WORKFLOWS

BIBFRAME ingest/export



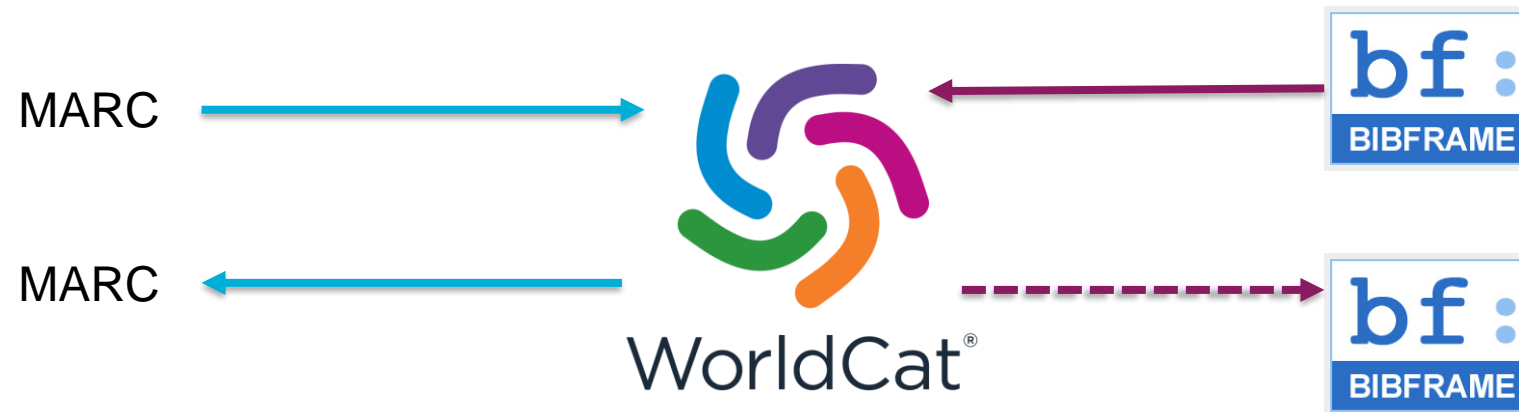
BIBFRAME ingest/export



BIBFRAME ingest/export



BIBFRAME ingest/export



‘Linkifying’ WorldCat

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



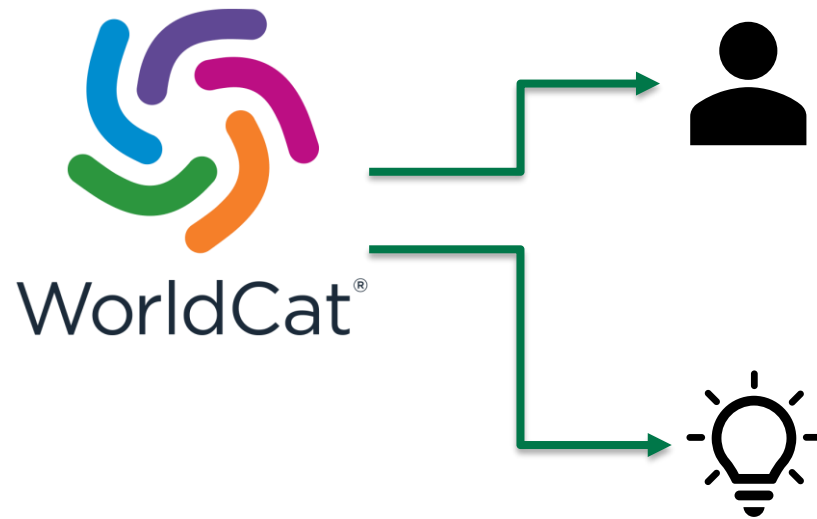
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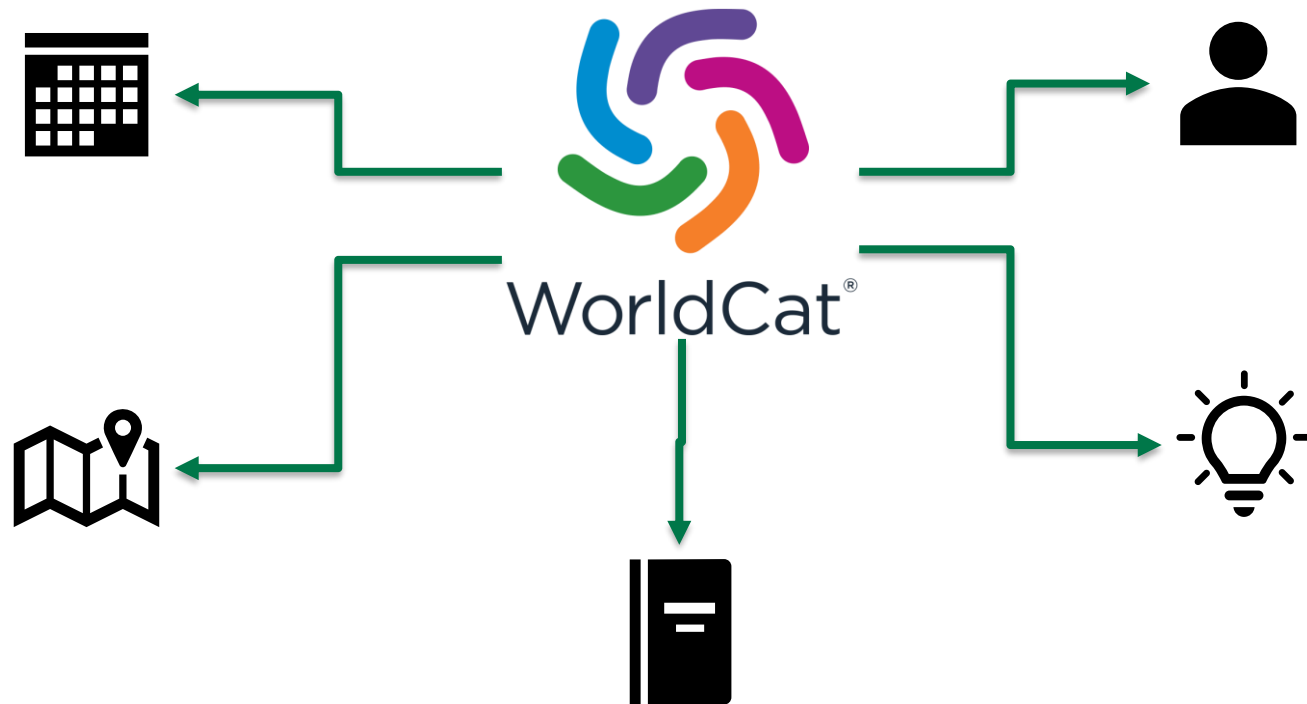
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‘Linkifying’ WorldCat

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



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 Mixer

Sr. Product Manager
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Anne Washington

Product Analyst
washinga@oclc.org

**Because
what is
known must
be shared.®**

On the Call Today



Hayley Moreno
Senior Data Analyst



Anne Washington
Product Analyst



Jeff Mixter
Senior Product Manager



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

