

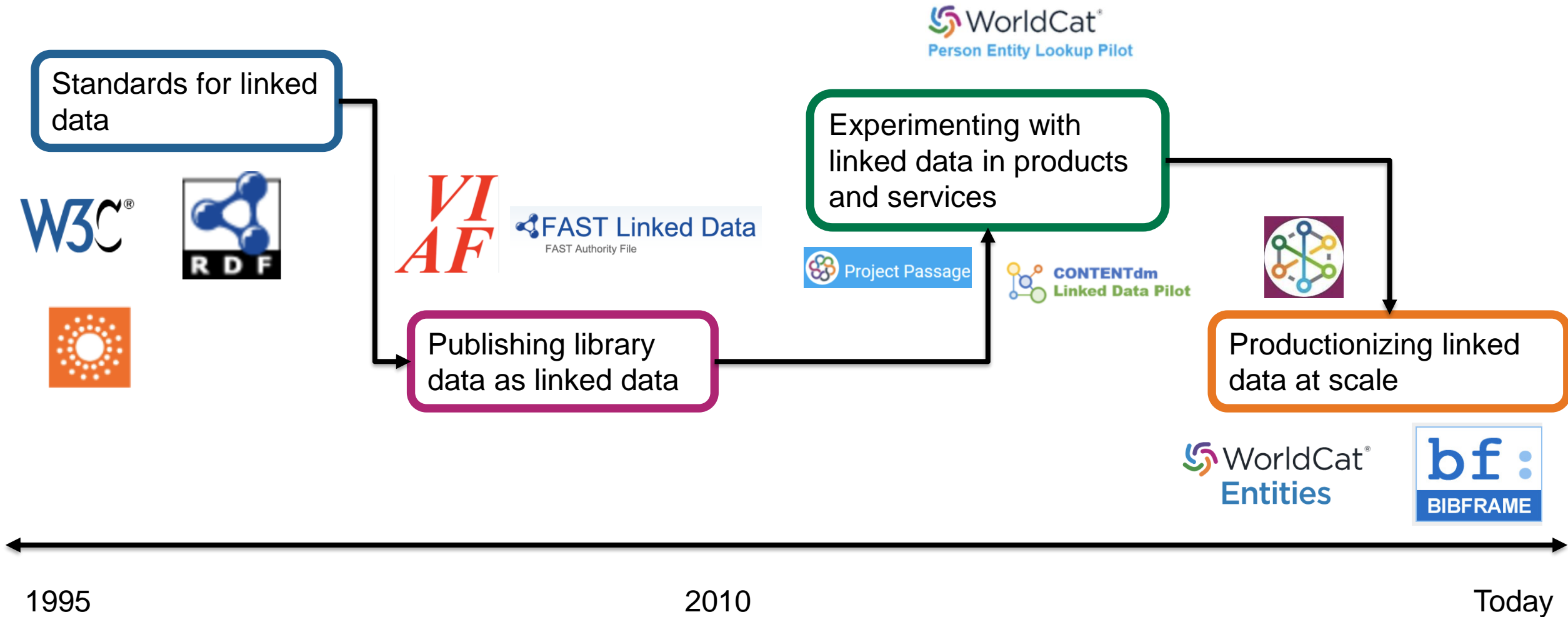
BIBFRAME in Europe

Meeting users where they are today: easing the burden of migrating to linked data

Jeff Mixter

Sr. Product Manager

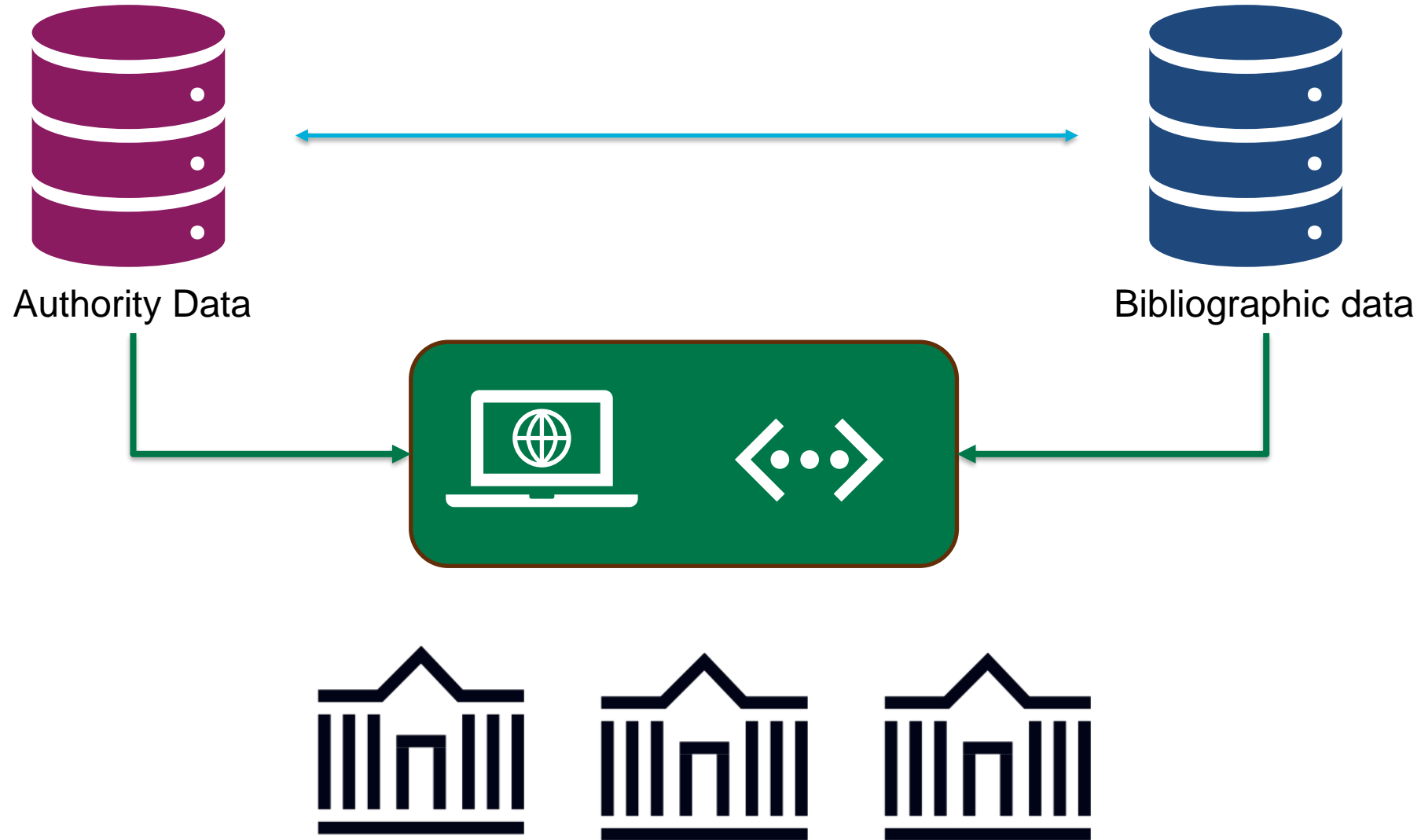
OCLC's work in linked data



Solving for a variety of challenges

- **Increasingly complex and messy 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 which are ill-suited and unsustainable

OCLC's linked data ecosystem



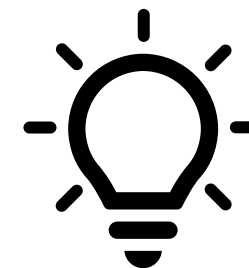
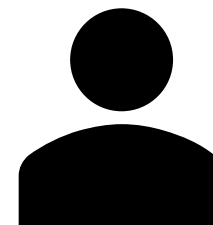
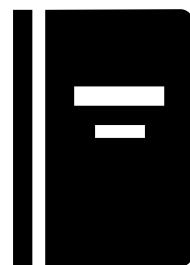
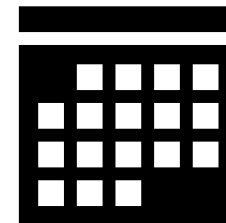
Meeting libraries where you are today

- **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

Aliases
English
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

Create Cancel

OCLC Meridian

- Find other connection points in the WorldCat graph







View **Edit**

Actions ▾

Jeff Mixer
Copy URI

Entity ID: E39PBJtRJykJHh8gwxXj3JQ4cyd
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, a 'Key Information' section lists the 'Language of Content' as English, German, and Spanish. The main area is titled 'Add Related Person or Organization' and features a 'Relationship' dropdown menu set to 'Educated At'. Below this, an '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

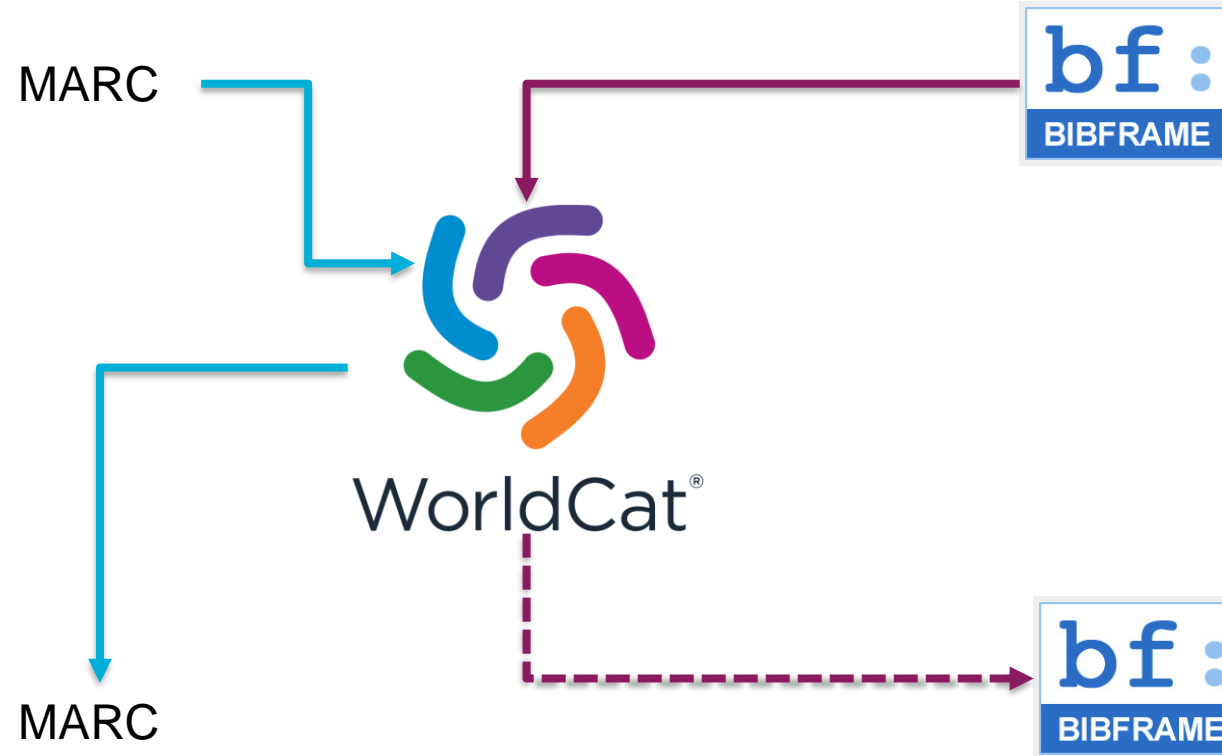
The screenshot displays the OCLC Meridian interface for a user profile. On the left, a sidebar shows the user's name 'Jeff Mixer', a 'Copy URI' button, and 'Key Information' including 'Language of Content' with options for English, German, and Spanish. The main area is divided into several sections:

- Related Persons and Organizations:** Contains two cards. The first is 'The Ohio State University' with the relationship 'Educated at'. The second is 'Bruce Washburn' with the relationship 'Influenced by'.
- Related Places:** Contains one card for 'Cleveland' with the relationship 'Place of birth'.
- Related Works:** Contains two cards: '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 features a search bar at the top right and a navigation bar at the bottom right.

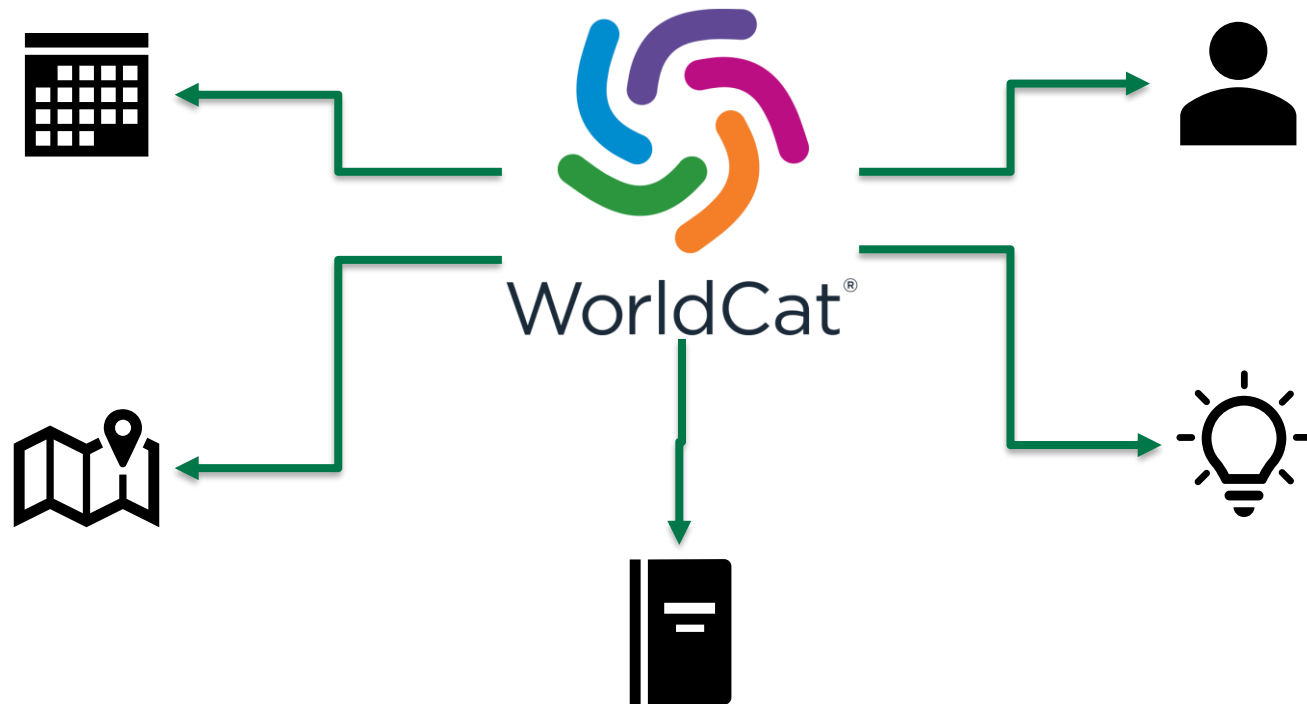
BIBLIOGRAPHIC WORKFLOWS

BIBFRAME ingest/export



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