

LC BIBFRAME Updates: Pilot 2 (and Non-Roman Scripts)

CEAL Committee on Technical Processing
March 22, 2018

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PCC

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BIBFRAME and the PCC

Programs of the PCC:

BIBCO

CONSER

NACO

SACO

PCC and the Library of Congress strongly encourage the PCC membership and the broader library community to become more knowledgeable and attuned to the development and rollout of BIBFRAME and how it fits within libraries and the larger linked data sphere.

This site contains documents of interest to PCC members as the BIBFRAME Model develops and integrates into the PCC community.

Announcements:

- [Library of Congress Announces Report and Assessment of its First BIBFRAME Pilot](#) (June 17, 2016).
The Library of Congress has completed its first Pilot to test preparing cataloging data as linked data, using the BIBFRAME model developed by the Library over the past several years. We are issuing the Library's assessment of the Pilot for the benefit of the Library and other institutions and groups interested in linked data, BIBFRAME, and the Library's experience in using BIBFRAME in daily cataloging and processing activities.
- [Statement on the Library of Congress' Position With Respect to BIBFRAME Development](#) (March 11, 2016)
- [PCC and LC Support BIBFRAME as the Model to Help the Library Community Move into the Linked Data Environment](#) (June 20, 2014)

Papers and surveys

PCC Strategic Plan 2018-2021

PCC Strategic Plan, 2018-2021

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Process for Developing the PCC Strategic Directions 2018-2021

- Members of the PCC Policy Committee (PoCo) participated in a one day facilitated session to identify strategic directions for 2018-2021 strategic plan on November 1, 2017. A subset of PoCo will further refine the strategic directions throughout November 2017. In December 2017 PoCo, PCC task groups, and the PCC stranding committees will be asked to submit action items to add to the plan. The revised strategic plan will be presented at the ALA Midwinter At-Large Meeting on Feb. 11, 2018. PCC members will be asked to submit ideas for additional actions to complete the plan after ALA Midwinter 2018.

Facilitated Strategic Planning Session for PCC Policy Committee November 1, 2017

- > [Agenda](#) (Nov. 1, 2017) [PDF; 83 KB]

Background Documents:

- > [Paper from the PCC Task Group on Identity Management in NACO](#) [PDF; 215 KB]
- > [PCC umbrella membership within ISNI](#) [PDF; 143 KB]
- > [Linked Data for Production and the Program for Cooperative Cataloging](#) [PDF; 94 KB]
- > [Linked Data Infrastructure Models: Areas of Focus for PCC Strategies](#) [PDF; 281 KB]
- > [The Nature of the PCC as an Organization](#) [PDF; 142 KB]

LD4P

Pages 

Linked Data for Production (LD4P)

Created by Bill Branan, last modified by Michelle Futornick on Feb 10, 2018



Welcome to the website of Linked Data for Production (LD4P). With support from the Andrew W. Mellon Foundation, the LD4P partners (Columbia, Cornell, Harvard, Library of Congress, Princeton, and Stanford / [Directory of team members](#)) are piloting the production of linked data for library resources. Over a two-year period (2016-2018), our work focuses on:

- developing standards, guidelines, and infrastructure to communally produce metadata as linked open data,
- developing end-to-end workflows to create linked data in a technical services production environment,
- extending the BIBFRAME ontology to describe library resources in specialized domains and formats, and
- engaging the broader library community to ensure a sustainable and extensible environment.

While each partner institution leads its own domain-specific ontology extension and metadata production projects, the partners collaborate closely with one another and with the Mellon-funded [Linked Data for Libraries-Labs](#) (LD4L-Labs) project on modeling a general-purpose extension to BIBFRAME, developing best practices for ontology extension modeling and for linked data production, evaluating linked data tools, and prototyping an infrastructure for cooperative production of linked data.

Cross-domain ontology modeling and metadata production

Models	Metadata Production
Library of Congress BIBFRAME Ontology Development	Stanford Tracer Bullets (end-to-end linked data workflows)
bibliotek-o	Library of Congress BIBFRAME Metadata Production Pilot

LD4P

Domain-specific ontology modeling and metadata production

Domain	Model	Metadata for specialized collections
<i>Art</i>	ArtFrame	Columbia Art Properties
<i>Cartographic and Geospatial</i>	Cartographic Extension	Harvard Cartographic Materials
<i>Moving Images</i>	Moving Image Extension	Harvard Film Archive
<i>Performed Music</i>	Performed Music Ontology	Cornell Hip Hop Archive
<i>Rare Materials</i>	Rare Materials Ontology Extension	Cornell Hip Hop Archive Princeton Derrida Archive

Tools

LD4P provides input to the [Linked Data for Libraries-Labs \(LD4L-Labs\)](#) project on the development of [VitroLib](#), a linked data editor for libraries, and the LD4L-Labs Converter. LD4P is evaluating several other linked data tools (see our [Registry of Tools](#)), including the Library of Congress BIBFRAME Editor and Converter. *Coming soon: [Linked Data Editor Requirements and Evaluations](#).*

The [Bibliportal](#) ontology repository is a library-specific implementation of Stanford University's BioPortal.

SHARE-VDE

SHARE VDE PROJECT



SHARE Virtual Discovery Environment | SHARE VDE

The realization of this project is based on the Casalini Libri and @Cult partnership

SHARE VDE context




The development of this initiative started taking into account the following context:

- › Libraries with different systems, habits and cataloguing rules and traditions
- › The emerging Linked Data paradigm
- › The broader GLAM (Gallery, Library, Archive and Museum) community expectations
- › The opportunity to provide more comprehensive access to researchers and students
- › The consciousness of cultural and language diversities, and the large differences among the needs of disciplines.

Through the individual processes of analysis, enrichment, conversion and publication of data from Marc21 to RDF, and in the context of libraries with different systems, habits and cataloguing traditions, a prototype of a virtual discovery environment with a BIBFRAME three layered architecture (Person/Work, Instance, Item) is established.





SHARE-VDE – Discovery Layer!



Search Person/Family/Corporate body

EXPAND ALL **CLOSE ALL**

▼ **This person in**

- 
- 
- 
- 






 

University of Pittsburgh. East Asian Library

ID: 942594

Works

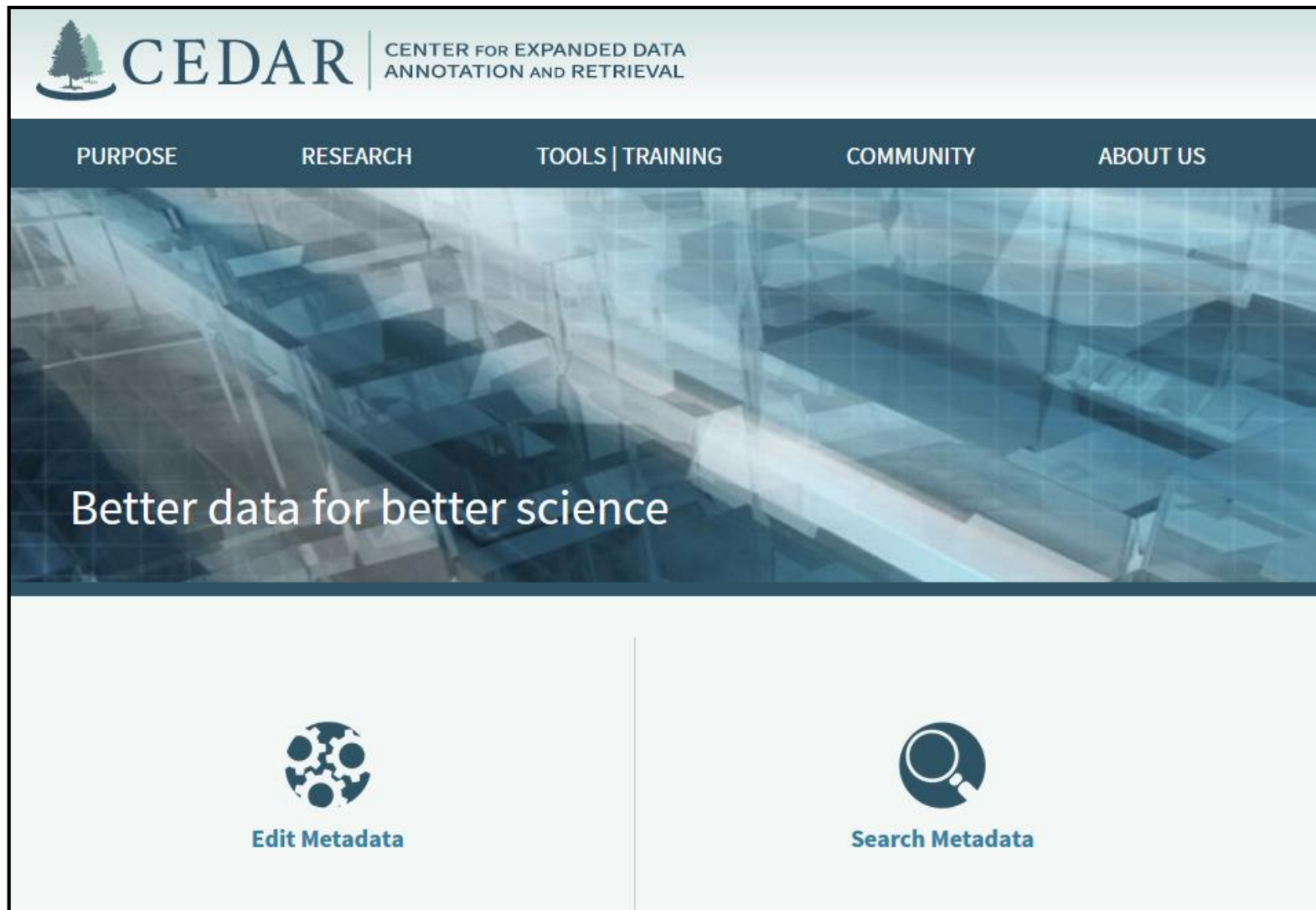
▼ **Other name forms**

-  University of Pittsburgh. East Asian Library
-  University of Pittsburgh. East Asian Library
-  Pittsburgh. University. East Asian Library
-  University of Pittsburgh. University Libraries. East Asian Library
-  University of Pittsburgh. Tung Ya t'u shu kuan

Export / Download

- PDF
- Excel
- Marc21 (binary)
- Marc XML
- Marc (text)
- BIBFRAME 2.0 dataset

Other Projects -- [CEDAR](#)



The image shows a screenshot of the CEDAR website. At the top left is the CEDAR logo, which consists of a stylized tree icon and the text "CEDAR" in a serif font, followed by "CENTER FOR EXPANDED DATA ANNOTATION AND RETRIEVAL" in a smaller sans-serif font. Below the logo is a dark blue navigation bar with white text for "PURPOSE", "RESEARCH", "TOOLS | TRAINING", "COMMUNITY", and "ABOUT US". The main content area features a large, abstract, blue-toned image of a data visualization or network structure. Overlaid on this image is the text "Better data for better science" in white. Below the image are two white rectangular buttons. The left button has a circular icon with a globe-like pattern and the text "Edit Metadata". The right button has a circular icon with a magnifying glass and the text "Search Metadata".

Other Projects – [bibliotek-o](#)

bibliotek-o: a BIBFRAME Extension Ontology

bibliotek-o is an ontology framework for modeling bibliographic metadata. It includes:

- The bibliotek-o extension ontology, which defines additions and modifications to [BIBFRAME](#) and is intended as a supplement to the core BIBFRAME ontology.
- A set of ontology fragments (including BIBFRAME) intended for use with the bibliotek-o extension.
- A data model and application profile - i.e., a set of recommended models and patterns for implementing BIBFRAME, bibliotek-o and external ontologies.

This site hosts the [bibliotek-o ontology](#). The current version of the ontology (Version 1.1.0) is available in HTML and RDF/XML OWL via content negotiation from <http://bibliotek-o.org/ontology/> (HTML) and <http://bibliotek-o.org/ontology.owl> (OWL). The previous version of the ontology (Version 1.0.1) is available from <http://bibliotek-o.org/1.0/ontology/> (HTML) and <http://bibliotek-o.org/1.0/ontology.owl> (OWL).

Additional resources:

- The [bibliotek-o github repository](#)
- A [diagrammatic overview of the bibliotek-o application profile with an index of terms](#).
- bibliotek-o documentation on the [Linked Data for Production project pages](#).

bibliotek-o is a joint product of the [Linked Data for Libraries \(LD4L\) Labs](#) and [Linked Data for Production \(LD4P\)](#) projects.

LC BIBFRAME



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BIBFRAME

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Model & Vocabulary

- > [BIBFRAME model](#)
- > [BIBFRAME vocabulary](#)
 - > [Category view](#)
 - > [List view](#)
 - > [RDF View](#)
- > [Extension list view](#)

Bibliographic Framework Initiative

Initiated by the Library of Congress, BIBFRAME provides a foundation for the future of bibliographic description, both on the web, and in the broader networked world that is grounded in Linked Data techniques. A major focus of the initiative is to determine a transition path for the MARC 21 formats while preserving a robust data exchange that has supported resource sharing and cataloging cost savings in recent decades.



Model and Vocabulary (2.0)

Model description, vocabulary presented in various views, guidelines, examples, analyses.

MARC 21 to BIBFRAME 2.0 Conversion Tools

- > [Conversion Specifications](#)
Library of Congress MARC to BIBFRAME 2.0 conversion specifications
- > [Conversion Programs](#)
XSLT conversion programs that apply the Library of Congress conversion specifications
- > [MARC to BIBFRAME comparison viewer](#)
For comparison of MARC bibliographic records, the BIB ID or the LCCN may be used
For comparison of MARC authority records only the LCCN can be used

Implementation, Tools and Downloads

Implementation register, editor, other tools and downloads

What's New

BIBFRAME Update Forum at ALA Midwinter (February 11, 2018)

[View agenda and presentations >](#)

MARC Title Authority to BIBFRAME Work conversion specification, programs, and viewer released (December 2017)

[View specifications >](#)

[View programs >](#)

[Viewer >](#)

BIBFRAME Update Forum at ALA Annual (June 2017)

[View agenda and presentations >](#)

[What's New in BIBFRAME 2.0](#)

Thank you

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