

Library of Congress BIBFRAME Developments

ALCTS series: From MARC to BIBFRAME
Introductory session

Wednesday, October 12, 2016
2:00 PM-3:30 PM (Eastern)

Presenters

Sally McCallum

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and MARC Standards Office



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Chief, Cooperative and
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Digital Project Coordinator



Paul Frank

Cooperative Cataloging Programs
Specialist



Topics To Cover

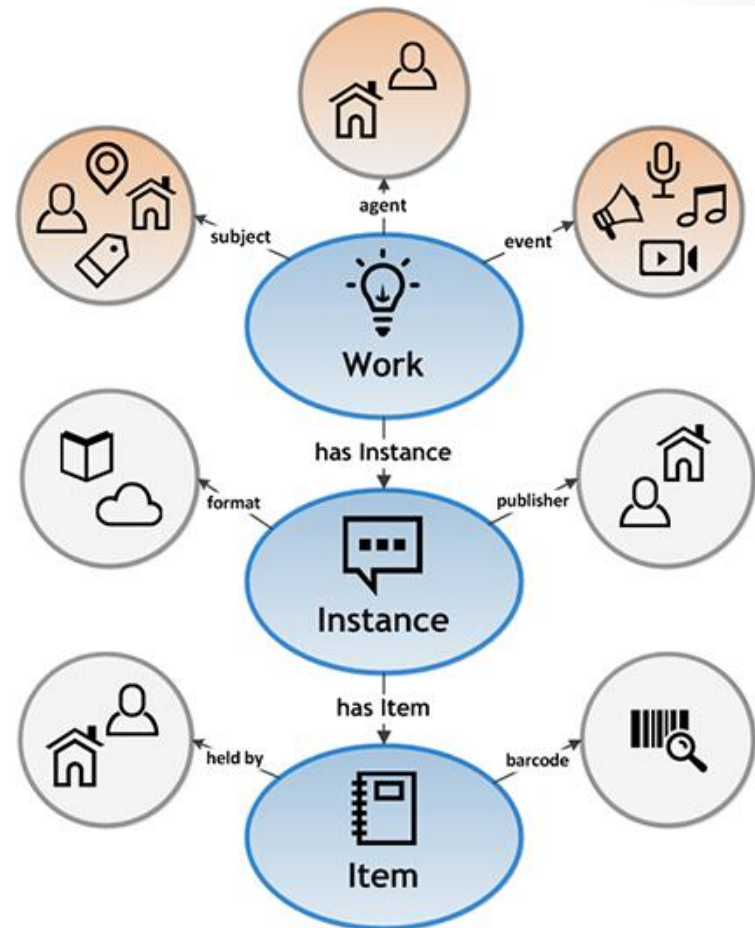
- Where we are with Bf 2.0 implementation (McCallum)
- BIBFRAME profiles: Pilot Phase Two (Hess)
- Overview of continuing work of participants in Pilot Phase 1 (Cannan)
- Continuing work with special formats: Audio Visual, Sound Recording, and Photograph resources (Frank)

Topics To Cover

- LD4P initiatives and LC's involvement (All)
- PCC BIBFRAME Task Group: grass-roots group of front-line users, not policy makers (Cannan, Frank)
- RDA's influence on Bf 2.0 (Cannan, Frank)

Where we are with BIBFRAME 2.0 Pilot Implementation

- BIBFRAME model revision and development of Vocabulary 2.0
- 2.0 Model
- Innovative and Simple
 - **Works** (FRBR/RDA Works and Expressions)
 - **Instances** (FRBR/RDA Manifestations)
 - **Items** (FRBR/RDA Items)



Where we are with BIBFRAME 2.0 Pilot Implementation

- 2.0 vocabulary
 - Heavier influence of RDA
- Writing specifications for conversion of MARC to BIBFRAME 2.0
 - Patterns in MARC
 - Duplication, forms of expression, “abundance” of data
 - Leaving some behind?

Where we are with BIBFRAME 2.0 Pilot Implementation

- Writing conversion programs for MARC to BIBFRAME 2.0
- Merging and reconciling data
 - MARC name/title Authorities become BIBFRAME Work descriptions
 - MARC Bibliographic records split into BIBFRAME Work and Instance descriptions
 - Dealing with ambiguity

Where we are with BIBFRAME 2.0 Pilot Implementation

- Revamping the BIBFRAME Editor
 - Lessons from the first Pilot
 - Updating all the profiles
 - Editor for names and subjects?
- Expanding ID.loc.gov (LC's Linked Data Service)
 - More term lists for the Editor
 - Adding more LCC classification schedules
- Special task – Complete restructuring of infrastructure
- Documentation and training

Where we are with BIBFRAME 2.0 Pilot Implementation

- LC sees pilots as essential for understanding the future:
 - Migration of MARC to a new platform
 - Libraries as part of the Linked Data environment
- Key web site www.loc.gov/bibframe

BIBFRAME Profiles: Pilot Phase Two

WEI-monograph

< Cancel

Save

Delete

Profile

ID	<input type="text" value="profile:bf:monograph"/>	Title	<input type="text" value="WEI-monograph"/>
Description	<input type="text" value="Work, Expression, Instance for Monograph"/>	Date	<input type="text" value="2015-10-22"/>
Contact	<input type="text" value="NDMSO"/>	Remark	<input type="text"/>

RDA Work Elements - Monographs

Change Resource

ID	<input type="text" value="profile:bf:Work:Monograph"/>	Resource URI	<input type="text" value="http://bibframe.org/vocab/Text"/>
Resource Label	<input type="text" value="RDA Work Elements - Monographs"/>	Contact	<input type="text"/>
Guiding statement for the use of this resource	<input type="text"/>		

- ▶ Lookup Delete Lookup Change Property
- ▶ Creator of Work (RDA 19.2) Delete Creator of Work (RDA 19.2) Change Property
- ▶ Preferred Title for the Work (RDA 6.2.2) Change Property

BIBFRAME Profiles: Pilot Phase Two

Person Change Resource

ID	<input type="text" value="profile:bf:Person:Monograph"/>	Resource URI	<input type="text" value="http://bibframe.org/vocab/Person"/>
Resource Label	<input type="text" value="Person"/>	Contact	<input type="text"/>
Guiding statement for the use of this resource	<input type="text"/>		

Search LQNAF in id.loc.gov for Authorized Access Point ... OR ... Change Property

Property URI	<input type="text" value="http://bibframe.org/vocab/hasAuthority"/>	Property Label	<input type="text" value="Search LQNAF in id.loc.gov for Authorized"/>
Type	<input type="text" value="resource"/>	Guiding statement for the use of this resource	<input type="text"/>
Mandatory	<input type="text" value="False"/>	Repeatable	<input type="text" value="True"/>

Value Constraint

Value Language	<input type="text"/>	Language URI	<input type="text"/>
Language Label	<input type="text"/>	Remark	<input type="text"/>
Editable	<input type="text"/>	Repeatable	<input type="text" value="True"/>
Default URI	<input type="text"/>	Default Literal	<input type="text"/>

Value Data Type

URI	<input type="text"/>	Label	<input type="text"/>
Label Hint	<input type="text"/>	Remark	<input type="text"/>

Templates

[+ Add Template](#)

Values

URI	<input type="text" value="http://id.loc.gov/authorities/names"/>
-----	--

[+ Add Value](#)

BIBFRAME Profiles: Pilot Phase Two

Person ☰ Change Resource

ID	<input type="text" value="profile:bf:Person:Monograph"/>	Resource URI	<input type="text" value="http://bibframe.org/vocab/Person"/>
Resource Label	<input type="text" value="Person"/>	Contact	<input type="text"/>
Guiding statement for the use of this resource	<input type="text"/>		

▶ Search LCNAF in id.loc.gov for Authorized Access Point... OR... ☰ Change Property

🗑 Delete Search LCNAF in id.loc.gov for Authorized Access Point... OR...

Property URI	<input type="text" value="http://bibframe.org/vocab/hasAuthority"/>	Property Label	<input type="text" value="Search LCNAF in id.loc.gov for Authorized"/>
Type	<input type="text" value="resource"/>	Guiding statement for the use of this resource	<input type="text"/>
Mandatory	<input type="text" value="False"/>	Repeatable	<input type="text" value="True"/>

Values

URI

🗑

Value Data Type

URI	<input type="text"/>	Label	<input type="text"/>
Label Hint	<input type="text"/>	Remark	<input type="text"/>

Templates

+ Add Template

Values

URI 🗑

+ Add Value



ID.LOC.GOV

Linked Data Service

[ASK A LIBRARIAN](#)[DIGITAL COLLECTIONS](#)[LIBRARY CATALOGS](#)

Search

[GO](#)

[The Library of Congress](#) > [Linked Data Service](#) > [LC Name Authority File](#)

Library of Congress Names

Search

- All
- LC Subject Headings
- LC Name Authority File
- LC Classification
- LC Children's Subject Headings

****Please Note:** LC Classification entries are not included in general search results. You must explicitly select LC Classification in order to search the scheme. This is temporary while the impact of adding LCC to the current system is better understood.

[Search](#)[Reset](#)[Details](#)[Visualization](#)

Library of Congress Names

The Library of Congress Name Authority File (NAF) file provides authoritative data for names of persons, organizations, events, places, and titles. Its purpose is the identification of these entities and, through the use of such controlled vocabulary, to provide uniform access to bibliographic resources. Names descriptions also provide access to a controlled form of name through references from unused forms, e.g. a *search under*: Snodgrass, Quintus Curtius, 1835-1910 will lead users to the authoritative name for Mark Twain, which is, "Twain, Mark, 1835-1910." Names may also be used as subjects in bibliographic descriptions, so they may be combined with controlled values from subject heading schemes, such as LCSH.

Library of Congress Names includes over 8 million descriptions created over many decades and according to different cataloging policies. LC Names is officially called the NACO Authority File and is a cooperative effort in which participants follow a common set of standards and guidelines.

Overview of Continuing Work of Participants in Pilot Phase 1

- Even though Phase One “officially” ended on March 31, 2016, work continues
- All pilot participants continue to work one day a week in BIBFRAME

Overview of Continuing Work of Participants in Pilot Phase 1

- Audio Visual, Sound Recordings, and Photograph pilot participants continued in Pilot Phase One through July 31, 2016
- [BIBFRAME Pilot Phase One: Report and Assessment](#)

Overview of Continuing Work of Participants in Pilot Phase 1

- Participants continue to report problems, success, unexpected results, etc. to the BIBFRAME Development and Training group
- Participants worked on their own over the summer

Overview of Continuing Work of Participants in Pilot Phase 1

- Monthly meetings have resumed
- Seeking input on how to expand the pool of participants and what training to provide to those participants added to the next pilot

Continuing Work: Audio Visual, Sound Recording, and Photograph Resources

- Audio Visual participants were still new to Resource Description & Access (RDA)
 - AMIM is the standard
- Sound Recording participants also were new to RDA
 - Their work was still being done in AACR2

Continuing Work: Audio Visual, Sound Recording, and Photograph Resources

- Photograph participants use Descriptive Cataloging of Rare Materials (Graphics) DCRM(G)
 - An interesting experiment in Bf extensions
 - DCRM(G) mappings to BIBFRAME are arguably easier than RDA mappings
 - The photograph work continued with participation in Linked Data for Production (LD4P), a sub-project coordinated by Columbia University

LD4P Initiatives and Library of Congress Involvement

- LD4P = Linked Data for Production
- Mellon Foundation grant to transition technical services production workflows to LOD
- Funded partners: Columbia, Cornell, Harvard, Princeton, Stanford
- Library of Congress participating but not funded

LD4P Initiatives and Library of Congress Involvement

- First phase – March 2016 -
 - Produce metadata as LOD communally
 - Explore extensions of BIBFRAME ontology to encompass the many formats that libraries process
 - Engage the broader library community to ensure a sustainable and extensible environment

LD4P Initiatives and Library of Congress Involvement

- Library of Congress LD4P projects
 - Audio Visual and Sound Recordings Collections
 - Prints and Photographs
 - BIBFRAME 2.0
 - BIBFRAME and RDA

PCC BIBFRAME Task Group

- Grass-roots group of front-line users, not policy makers
- PCC BIBFRAME Task Group charged to:
 - Identify BIBFRAME and Linked Data issues of importance to the Program for Cooperative Cataloging (PCC)
 - Develop strategies for providing members with opportunities to become familiar with Linked Data issues

PCC BIBFRAME Task Group

- Disseminate information, comments, observations, and feedback to BIBFRAME developers, PCC community, and other groups
- Map CONSER Standard Record (CSR) to Bf 2.0
- Map BIBCO Standard Record (BSR) to Bf 2.0

RDA's Influence on Bf 2.0

- RDA elements not already represented in Bf 1.0 were marked for consideration in Bf 2.0
- Bf 2.0 by comparison is much more “RDA-friendly”

RDA's Influence on Bf 2.0

- World-wide review of the FRBR Library Reference Model (FRBR-LRM) – waiting to see how that might affect BIBFRAME
- Much more to be determined in the Library of Congress BIBFRAME Pilot, Phase Two