




Report on the PCC meeting on BIBFRAME data exchange

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PCC* meeting on BIBFRAME data exchange

Introduced by Melanie Wacker (Columbia University, PCC chair).

- Better understanding of who is committed to which types of services/tooling
- Identify what exchanges are desired between which systems
- Identify challenges/showstoppers and steps to address them
- Shared ownership of challenges and support for BIBFRAME implementation
- Determine next steps to keep the conversation going

* Program for Cooperative Cataloging

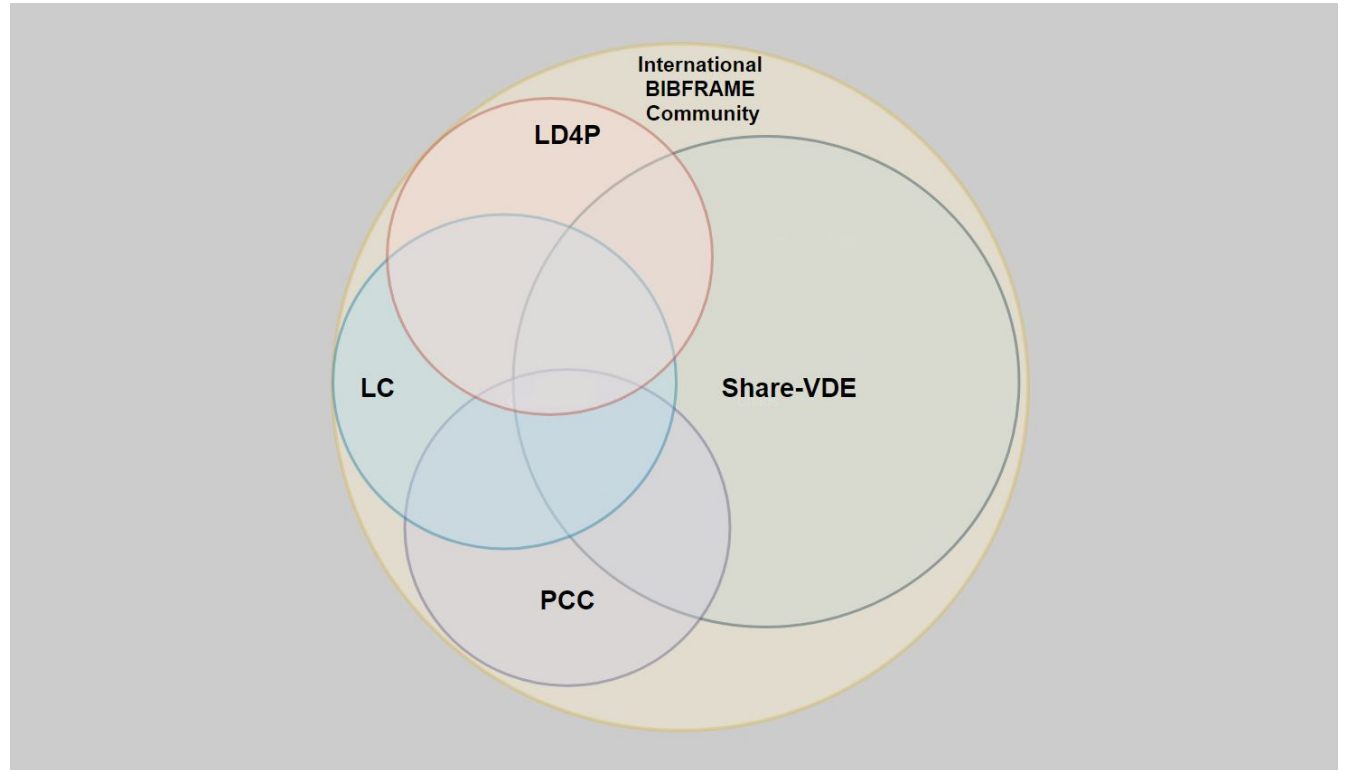


Represented Groups

British Library; EBSCO; European BIBFRAME Group; ExLibris; FOLIO community; German National Library (Observer); Index Data; ISSN International Centre; Koha; LD4P3; LD4 Steering; Library and Archives Canada; Library of Congress, Network Development and MARC Standards Office; Library of Congress, Policy, Training and Cooperative Programs Division; National Library of Medicine; National Library of Sweden; OCLC; PCC Policy Committee; PCC Standing Committee Standards; PCC Standing Committee on Training; PCC Steering; QA; RDA Steering Committee (Observer); Share-VDE (Casalini); Sinopia



BIBFRAME Project Overlap





Beacher Wiggins: Linked Data Summit, August 9, 10, 12, 2021

Working groups:

- Use Cases
- Data Exchange
- ... and more

Future summits

Library of Congress/OCLC/Stanford (Sinopia)/SHARE-VDE

- **LC:** how do we get our BIBFRAME data to users? How do we handle serials?
- **Stanford:** how to assure data created at the local level is shared and updated—what is the description of record? Where is it located?
- **SHARE-VDE:** its work in converting PCC libraries' MARC records is central to PCC's plans to take advantage of linked data in a common pool
- **OCLC:** its overall infrastructure is critical to sharing linked data from various sources. We were all keenly interested in how its Mellon grant would contribute to our needs



Day 1 - Ecosystem and Foundational Agreements

What does data exchange means in a BIBFRAME environment?

(topic introduced by Philip Schreur, Stanford University)

Questions raised. How do we (as a community):

- Have a common interpretation of what data exchange means?
- Avoid creating silos?
- Facilitate use of different linked data services like id.loc.gov?
- Come to agreements on data usage?



Day 1 - Ecosystem and Foundational Agreements

Come to agreement on core needs for BIBFRAME interchange

(topic introduced by Jeremy Nelson, Stanford University, and Sally McCallum, Library of Congress)

- Should there be one standardized serialization and if so, who maintains it?
- Is there a need for an agreed upon minimum BIBFRAME description?
- How to model/shape BIBFRAME elements?
- Development of tools, including validation techniques
- Implications for discovery layers and user experience



Jeremy Nelson: Interchange Challenges

Interchange Challenges

As a developer and a tech lead on the [Sinopia](#) Linked Data Editor, we experience interchange challenges when trying to import external RDF. The following are examples using the [BIBFRAME Title](#) class (inspired by Nancy Lorimer's comments):

ShareVDE

Searching the Stanford's ShareVDE Cache for Octavia Butler's *Parable of the Sower* from Questioning Authority API [query](#) returns the following RDF related to the Work's title:

```
sharevde_title_rdf = """@prefix bf2: <http://id.loc.gov/ontologies/bibframe/> .
@prefix marcrelatrors: <http://id.loc.gov/vocabulary/relators/> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

<http://share-vde.org/sharevde/rdfBibframe/Work/7985783-1> a bf2:Text,
    bf2:Work ;
    bf2:title <http://share-vde.org/sharevde/rdfBibframe/Title_996/0409b9ef-0416-3b57-
<http://share-vde.org/sharevde/rdfBibframe/Title_996/0409b9ef-0416-3b57-8826-259ebc9fc
"""
```

Library of Congress

Searching [id.loc.gov](#) BIBFRAME Work's endpoint for *Parable of the Sower*, we'll use this [BIBFRAME Work's](#) RDF with the following related to the Work's title:

```
loc_title_rdf = """@prefix bf: <http://id.loc.gov/ontologies/bibframe/> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .

<http://id.loc.gov/resources/works/21223749> a bf:Text,
    bf:Work ;
    bf:title [ a bf:Title ;
        rdfs:label "Parable of the sower" ;
        bf:mainTitle "Parable of the sower" ] .
"""
```

Sinopia

Finally, using the [pcc:bf2-Monograph:Work](#) template, created the same title-related RDF as <http://id.loc.gov/resources/works/21223749>:

Sinopia Title Screenshot

```
sinopia_title_rdf = """@prefix bf: <http://id.loc.gov/ontologies/bibframe/> .
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
```




Sally McCallum:

A Core need for BIBFRAME interchange

Simplified and coordinated MARC to BIBFRAME
and BIBFRAME to MARC conversions

Sally McCallum, LC



Day 2 - Workflows and Tooling

Agreement on use cases and best practices on when and why to link out and when to copy data and cache locally

(Topic introduced by Steven Folsom, Cornell University Library)

- Jane Burke (ExLibris/Alma)
- Anna Lionetti (Casalini Libri/Share-VDE)
- Sebastian Hammer & Wayne Schneider (Index Data/FOLIO)

Day 2 - Workflows and Tooling

Ideas for a testing interchange

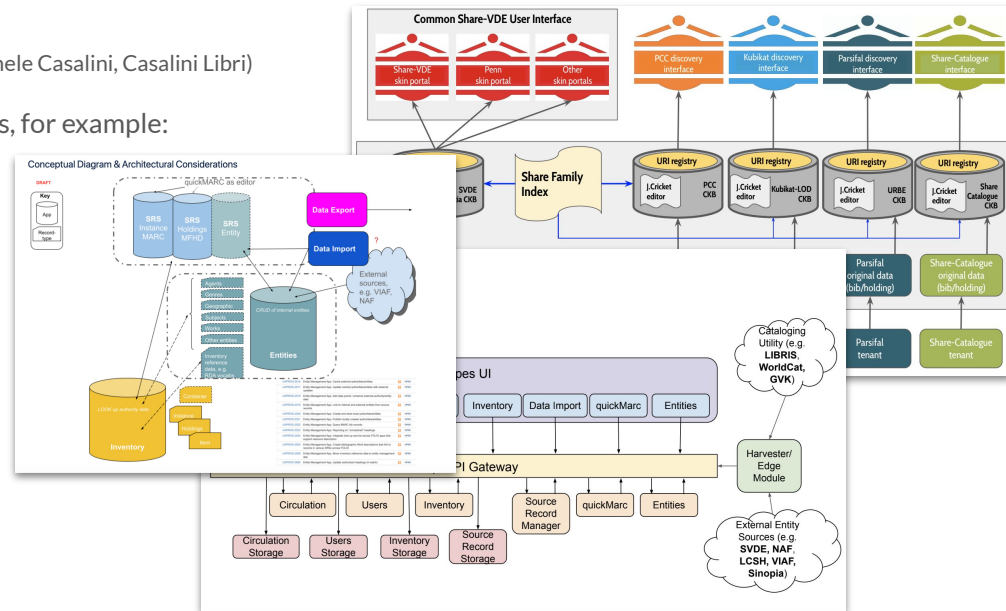
(Topic introduced by Christie Thomas, University of Chicago Library, and Michele Casalini, Casalini Libri)

Develop use cases and a plan for sharing data between systems, for example:

- Share-VDE
- Sinopia
- National libraries
- Library of Congress
- OCLC
- and other systems as needed, such as ILS vendors

Identify tests that aren't already in place.

Develop rough implementation timeline for testing.





Next steps

Comprehensive summary of the PCC BIBFRAME Data Exchange Meeting will be published.

Shared ownership of challenges and support for BIBFRAME implementation. Bring together our efforts in a central place would allow for mitigation of duplicate work.

PCC Policy Committee will discuss at November meeting if/how they can develop a communication framework. Also furthering the conversation at BIBFRAME Workshop in Europe, for example on determining next steps to keep the momentum going.



Links

BIBFRAME and the PCC:

<https://www.loc.gov/aba/pcc/bibframe/bibframe-and-pcc.html>

PCC BIBFRAME Data Exchange Meeting, Agenda **with links to presentations** [PDF, 3 pages, 164 KB]:

<https://www.loc.gov/aba/pcc/bibframe/PCC-BIBFRAME-Data-Exchange-Agenda-and-Slides.pdf>

Comprehensive summary of the PCC BIBFRAME Data Exchange Meeting [PDF, 10 pages, 248 KB]:

<https://www.loc.gov/aba/pcc/bibframe/PCC-BIBFRAME-Data-Exchange-Summary.pdf>

Program for Cooperative Cataloging:

<https://www.loc.gov/aba/pcc/>

PCC Calendar:

<https://www.loc.gov/aba/pcc/calendar.html>



Thank you!

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