

BIBFRAME Interoperability Group (BIG)

BIBFRAME Workshop in Europe 2022
Sept. 21, 2022

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Outline

- Background
- BIBFRAME Interoperability Group membership
- Accomplishments
- Next steps
- Q&A

BIBFRAME Data Exchange Meeting

Meeting held virtually September 9-10, 2021 and represented groups were:

- **National Libraries:** British Library; German National Library; Library and Archives Canada; Library of Congress (LC), LC Network Development and MARC Standards Office; LC Policy, Training and Cooperative Programs Division; National Library of Medicine; National Library of Sweden
- **Program for Cooperative Cataloging (PCC):** Steering Committee; Policy Committee; Standing Committee on Standards; Standing Committee on Training; Standing Committee on Applications
- **LD4 Community:** Steering Committee; LD4P3; Questioning Authority (QA); Sinopia
- **Vendor Community:** EBSCO; ExLibris; Index Data; OCLC; Share-VDE (Casalini)
- **Others:** European BIBFRAME Group; ISSN International Centre; FOLIO community; Koha; RDA Steering Committee

BIBFRAME Data Exchange Meeting (cont.)

Purposes of the meeting:

- Discuss exchange of BIBFRAME data between systems and implementations
- Information sharing: What has been done so far, what are current plans and challenges encountered

Major themes:

- Different choices in expressing the BIBFRAME ontology
- Challenges in interchange of BIBFRAME data
 - Choices of original data creation (e.g. LC BIBFRAME editor versus Sinopia)
 - Data conversion from MARC

Origin of BIBFRAME Interoperability Group (BIG)

At the BIBFRAME Data Exchange Meeting:

- Discussed establishment of an International BIBFRAME Standardization and Exchange Group
- Scope: focus on exchange of BIBFRAME 2.0 (rather than ontology changes)
- PCC taking the lead; coordinating with and including other groups (e.g the European BIBFRAME community)

Origin of BIG (cont.)

- Approved by PCC Policy Committee (PoCo): January 2022
- PoCo subgroup appointed to develop the Terms of Reference (TOR)
- TOR finalized April 2022

BIG Terms of Reference

Charge:

- Work collaboratively on the development and maintenance of interoperable BIBFRAME data guidelines to support production level implementation, to address issues restricting **interoperability**, and to inform development of associated toolings and infrastructure
- Is not responsible for further development of the BIBFRAME ontology itself
- Is primarily focused on **interoperability** for unrestricted metadata reuse

BIG Work Areas

- Define a standard BIBFRAME “shape” to support data reuse including conversion to and from other formats
- Explore defining BIBFRAME elements necessary for data exchange
- Surface issues regarding the use of the Official RDA with BIBFRAME and propose strategies for their resolution
- Collaborate and communicate with other groups working in the area of BIBFRAME interoperability to ensure the ability to reuse BIBFRAME created in one community in other BIBFRAME stores

BIG Work Areas (cont.)

- Examine the work accomplished by the other BIBFRAME working groups and apply to this charge where appropriate
- Gather use cases as necessary to inform decision making, expanding on the efforts of the Use Case Working Group and others
- Provide an avenue for other interested parties to contact the BIBFRAME Interoperability Group and/or reach out to other stakeholders

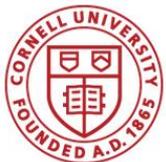
Initial governance and jurisdiction

- Initially BIG reports to PCC PoCo on its activities
- PoCo will provide wider oversight and transparency, leverage the expertise of other PCC groups, and coordinate with LC until BIG is functioning as an independent body
- After an initial 2 year period, BIG will select new co-chairs and operate as a standalone international group, developing new governance guidelines as needed

Membership

- Call for membership: April 2022
- Membership is institution-based:
 - Standards bodies
 - Libraries that have implemented BIBFRAME (or are actively working towards implementation)
 - BIBFRAME data hosting organizations
- Membership finalized in June 2022
- Current co-chairs:
 - Ian Bigelow (University of Alberta Library)
 - Melanie Wacker (PCC)

Current membership



Accomplishments to date

The group first met in July. So far, the group has:

- Surveyed the community to gain the understanding of different implementations of BIBFRAME and began to analyze the survey results
- Started to review work by other BIBFRAME groups:
 - Use Case Working Group Final Report
 - Communication Working Group Final Report
 - Work to date from the Working Group on Strawman Interchange Shapes
- Brainstormed ideas of engaging and consulting with the community including vendors
- Discussed several group members' BIBFRAME implementation requirements for interoperability and issues encountered

Next steps

- Continue to accept implementation documentation from the community
 - Email the co-chairs: mw2064@columbia.edu and bigelow@ualberta.ca
- Involve more institutions and consult with vendors
- Review output of the Strawman group after they wrap up their work in December
- Understand the use cases for the need of data exchange and defining BIBFRAME elements accordingly
- Define a standard BIBFRAME “shape” from a technical perspective (e.g., SHACL, validation, an W3C RDF validation language, et cetera), as well as from a standards approach

Resources

- BIBFRAME Interoperability Group's Wiki Page:
<https://wiki.lyrasis.org/pages/viewpage.action?pageId=249135298>
- BIBFRAME Data Exchange Meeting summary:
<https://www.loc.gov/aba/pcc/bibframe/PCC-BIBFRAME-Data-Exchange-Summary.pdf>
- Use Case Working Group Final Report:
https://docs.google.com/document/d/1n-Cmm8yfGnWp2mig2bpmvqFcKlbElQW3ud4jjSR_c5Y/edit
- Communication Working Group Final Report:
<https://docs.google.com/document/d/1CZNCSAszm4zbzUbjtoQjDQ8C4gJ6zchALG2UrynrPOw/edit>
- Shapes Constraint Language (SHACL):

Acknowledgement

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Thanks to other BIG members for their valuable feedback and suggestions.

Thank you!

Questions?