

BIBFRAME 100 at the Library of Congress

Sally McCallum

Library of Congress

BIBFRAME Workshop in Europe

September 21, 2021

What is BIBFRAME 100?

- Initial focus on creating a body of BIBFRAME data
 - *BIBFRAME ontology*
 - *Data editor*
 - *Semantic system*
- Three year Pilot
 - *Initially 50 catalogers then 100, but always double keying into MARC and BIBFRAME systems*
- So BIBFRAME 100 = BIBFRAME 100%
 - *All catalogers keying into BIBFRAME system and not double keying to MARC*
 - *Caveat – can probably only get to around 90% this year*

For BIBFRAME 100 needed ...

- **More robust system** – “completed”
 - *Moved from onsite to cloud*
 - *Updated version of software platform (MarkLogic)*
 - *Merger and update of application software (ID and BFDB)*
- **New editor** – “completed”
 - *Contractor and experienced Pilot catalogers designed editor functionality*
 - *New editor programmed, in use*
- **BIBFRAME data distribution system** – “under development”
 - *Completion target December 2021*

For BIBFRAME 100 need ...

- **MARC to/from BIBFRAME data conversions**
 - *MARC to BIBFRAME since 2012 (current version 1.6)*
 - *BIBFRAME to MARC since 2020 (current version 1.0)*
 - *Issues*
 - MARC contains many unused or no longer used elements
 - Different MARC-based Integrated Library Systems (ILS) depend on different elements from MARC
 - The two conversions are essentially locked together so need to be updated at the same time

MARC in the BIBFRAME landscape

- Internal legacy subsystems may be MARC-based
- MARC records may be supplied by book and other resource vendors
- Cooperative programs with MARC partners
- Copy cataloging from MARC sites
- Sharing the BIBFRAME descriptions with MARC colleagues

Looking forward to next chapters ...

- Using the BIBFRAME RDF to enhance **end user searching**
 - *LC currently looking at enhanced search for CATALOGERS*
 - Contractor working directly with Pilot catalogers
- Community agreed **MARC simplification**
- Convergence of BIBFRAME RDF shapes in **data exchange**
- **Authorities**
- **Identifiers**

But meanwhile ...

- **Sweden** has had an advance BIBFRAME system in production for over 2 years
- **SHARE-VDE** is rapidly developing new components
- **Stanford** and the **LD4 partners** are moving toward production
- **OCLC** is poised to load BIBFRAME data from SVDE

Thanks for listening and some URLs

- Main BIBFRAME project site: www.loc.gov/bibframe/
 - *Links to MARC to BIBFRAME specifications, conversion programs, and comparison tool*
 - *Links to BIBFRAME to MARC specifications, conversion programs, and comparison tool*
 - *Links to Editor design documents and software*
- LC Linked Data service: id.loc.gov
 - *Contains BIBFRAME Bibliographic data, name and subject authorities, and many vocabularies*