

BIBFRAME Development

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Library of Congress

Since September 2017

- Focus on
 - Pilot 2
 - System
 - Training
 - Extensions
 - Maintenance
- Jodi will illustrate things I mention with more detail and actual screen shots

Pilot 2 outline

- Cataloging system environment
 - Whole catalogue converted into BIBFRAME database
 - BIBFRAME file has over 19.2 million BIBFRAME Work descriptions, over 23.7 million BIBFRAME Instance descriptions, with over 4 billion RDF triples
 - Daily update from MARC records
 - Created by 240 non-Pilot staff
 - From CIP and other special initial record sources
 - Over 50,000 per year from resource vendors

Pilot outline

- Catalogers
 - Expanded to 60
 - Input to BIBFRAME system first
- Linked Data Service enhancements

June – December 2017

- System input and “fixing”
 - MARC database converted and Works reconciled 3 times
 - Editor had special enhancements
 - ID expanded by more than 20 new term lists to support Editor
 - Continuous refinement
- Cataloger and training
 - 40 pilot retraining for BIBFRAME 2.0 and editor enhancements
 - 20 new pilot participants given revised training in RDF, BIBFRAME 2.0, and Editor
 - Training material published

Since January 2018

- Monthly meetings with cataloging staff to present new features and get comments
- Individual consultation with catalogers as requested
- Continuous system adjustment
 - In response to cataloger comment
 - To tune Works reconciliation
- Notables
 - Hebrew catalogers
 - DVD catalogers
 - Music catalogers

June 2018

- Management decision that BIBFRAME viable for future development as replacement for MARC
- “Pilot” continuation, with slow expansion
- Features necessary
 - BIBFRAME to MARC conversion
 - Name and subject review
 - Vendor load plan and implementation
 - Implement outside access to BIBFRAME file
 - Downloads of file made available

Implementing a maintenance program

- Emphasis on implementation-based suggestions
- Balance
 - Stability vs. change
 - Incorporation/change vs. extension
 - Theoretical vs. implementation-based
- Github space for change suggestions
 - Clarifications – typos, definition clarifications, etc.
 - LC reviews and incorporates
 - Semantic – existing system impact
 - Review by large implementors

Maintenance

- Options for experience
 - Large scale conversion
 - Use of extensions to experiment with need
 - Use of extensions in a local environment
- Examples
 - bflc is LC's local extension
 - LD4P specialized ontologies for performed music, rare material, cartographic material
- Options
 - Continue in a separate namespace
 - Incorporation into base BIBFRAME ontology – broad impact

Looking forward

- Enhanced Linked Data Service
 - URIs not enough
 - Expand then evaluate maintenance cost
- Harnessing the use of more authority data from new communities
- Understanding more about the “shape” of sharing, caching, linking in the new environment – border between my system and shared systems
- Moving data easily between MARC and BIBFRAME

- Turn over to Jodi for
 - Editor changes this year
 - Extension experimentation
 - Merging issues
 - BIBFRAME database maintenance issues