How does LC within BIBFRAME intend to accommodate RDA 3R?

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Satellite Meeting, "RDA: Resource Description and Access 2019,"

Thessaloniki, Greece

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The Library of Congress Is a Major Supplier of Bibliographic Metadata

- The Library of Congress is a major supplier of cataloging data for use by the library community.

- Its bibliographic framework must support catalog access to approximately 270,000 new works added to the LC collections each year.

The Question: How Will LC Accommodate RDA in BIBFRAME by Design?

- The Answer: BIBFRAME is designed to be "rules-agnostic."
- BIBFRAME and RDA 3R are both expressed in RDF, allowing for interoperability.
- BIBFRAME can be used with any content standard.
- BIBFRAME Works can record RDA 3R Work and Expression; BIBFRAME has classes for Agent, Subject, and Event.
- BIBFRAME allows for unstructured description, structured description, and basic and normalized transcription.

The Question: How Will LC Accommodate RDA in BIBFRAME in Real Life?

- The Answer: The Library of Congress is committed to a BIBFRAME product that permits fullest benefit of RDA.
- The Library of Congress also honors commitments to the MARC community, the Program for Cooperative Cataloging, and the Library's own Next Generation library services platform.

Library of Congress Commitments to RDA and BIBFRAME

- The Library of Congress has traditionally developed encoding and exchange protocols, such as MARC, that permit catalogs to reflect the full capabilities of content standards, such as RDA.

- The Library of Congress undertook the BIBFRAME initiative starting in 2011 in response to community concerns about implementing RDA.

- The U.S. National RDA Test in 2010-2011 showed that RDA could be implemented accurately and cost-effectively.

- But the 26 test institutions found that the benefits of RDA could not be optimized in the MARC encoding and exchange format.

Library of Congress Commitments to the MARC Format Community

- The Library of Congress is the maintenance agency for the MARC 21 Format, with the MARC Advisory Committee as its governance body.
- The Library of Congress expects to maintain MARC as long as there is significant demand for that format.
- The Library of Congress updated MARC extensively in 2011-2014 to accommodate RDA.

MARC Updates to Accommodate RDA

- New Field 336: English language content types
- New Field 337: English language media types
- New Field 338: English language carrier types
- The new RDA content, media, and carrier terms are shown in relation to existing MARC elements (LDR/06, 007/00 and 007/01) and new fields in the *Term and Code Lists for RDA Content Types/Media Types/Carrier Types.*

More MARC Updates to Accommodate RDA

- New Field 344: Sound Characteristics
- New Field 345: Projection Characteristics of Moving Images
- New Field 346: Video Characteristics
- New Field 347: Digital File Characteristics
- Many new fields for authority data
- MARC and RDA relators reconciled
- Etc.!

Library of Congress Commitments to the Program for Cooperative Cataloging

- The Program for Cooperative Cataloging is an international consortium of 700-plus institutions that catalog to mutually agreed standards.
- The PCC provides training and contributes to metadata standards development.
- The Library of Congress provides the secretariat for the PCC.
- The Library of Congress consults the PCC on all major policy changes.
- The Library of Congress implemented RDA on March 31, 2013, with most PCC members.

RDA 3R and the Program for Cooperative Cataloging

- The joint LC-PCC Policy Statements are included in the *RDA Toolkit.*
- The PCC Secretariat (Library of Congress Policy, Training, and Cooperative Programs Division) in consultation with PCC members will review and update all LC-PCC PSs for the *RDA Toolkit* to reflect the changes in RDA 3R.
- Approximately 1,000 documents to be reviewed
- The PCC has formed four task groups to further this work:
  - Aggregates
  - Diachronic works
  - Provenance data
  - Element labels

Library of Congress Commitment to a New Platform

- The Library of Congress implemented its first commercial integrated library system on August 16, 1999--twenty years ago this month.

- The Library of Congress is seeking to replace its current ILS with a modern system that supports integrated searching and retrieval across the Library's entire Web presence including its online catalogs and conforms to U.S. federal government standards for requirements for accounting, IT security, and accessibility.

- The business needs/functional requirements for a new platform specify that it can accept metadata in BIBFRAME.

- The Library of Congress expects to issue a Request for Information to potential system vendors this autumn.

Library of Congress Commitment to the BIBFRAME Community

- In fiscal year 2020 (Oct. 2019-Sept. 2020), the Library of Congress will:
    - Continue its BIBFRAME Pilot with 100 cataloging staff, to show that BIBFRAME metadata can be produced at scale
    - Include catalogers in the six Library of Congress overseas offices in the BIBFRAME initiative in order to provide BIBFRAME catalog data for materials from countries with developing economies, notably those that use nonroman scripts;
    - Further integrate nonroman scripts into the BIBFRAME database;
    - Make BIBFRAME data available to the library community, updating the data dynamically
    - Implement a BIBFRAME-to-MARC conversion tool so that native BIBFRAME descriptions can shared with libraries that have MARC-based catalogs
    - Continue to consult with the U.S. National Library of Medicine and more than 20 other research institutions on their linked open data implementations.

Library of Congress Commitment to Accommodating RDA 3R in BIBFRAME

- In June 2019, representatives of the RDA Steering Committee and the Organizer Group of the European Annual BIBFRAME Workshops, including the Library of Congress, met to begin an exploration of the relationship and interoperability between RDA 3R and BIBFRAME. The exploration continues.

- In later fiscal years, the Library of Congress will:
  - Improve the BIBFRAME Editor
  - Consider how BIBFRAME can support description of serials
  - Prepare for full implementation of BIBFRAME by 300 cataloging staff at the Library of Congress
  - Implement RDA 3R.

Library of Congress Plans to Implement RDA 3R

- The Library of Congress intends to implement RDA 3R after the RDA Board releases the final version.

- LC will implement RDA 3R approximately one year after the release of the RDA 3R *Toolkit.*

- Given the Library of Congress's very large staff and range of commitments, the year is needed to
  - Train 200 LC cataloging staff who are not BIBFRAME Pilot participants
  - Update hundreds of Web pages at http://www.loc.gov
  - Coordinate implementation of RDA 3R with the Program for Cooperative Cataloging

- The Library of Congress does not anticipate a controlled U.S. RDA 3R Test like the U.S. RDA Test that led to implementation of RDA in 2013. The PCC has discussed pursuing such a test, but as of August 15, 2019, PCC Chair Xiao Li stated "we agree that right now is not the optimal time for testing." Library of Congress staff explored the 3R beta and the Library forwarded 45 pages of comments to the developers.