Bibliographic Framework Initiative:
Data from MARC

Sally McCallum
smcc@loc.gov
Library of Congress
MARC Transition Interest Group
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Outline

- Bibframe high Level model
- MARC “high level model”
- Folding and Splitting
  - MARC Authority data
  - MARC Bibliographic data
- Issues
Bibframe high level model

- bf:Work - A conceptual view of a resource
- bf:Instance – An embodiment of a bf:Work
- bf:Authority – Key concepts with defined relationships to bf:Works and bf:Instances
- bf:Annotation – A “decoration” addition to bf:Works and bf:Instances
MARC “high level model”

- MARC Bibliographic – Descriptions of resources - “conceptual view + embodiment”

- MARC Authority – Authorized forms of names, subjects, uniform titles with defined relationships to MARC Bibliographic

- MARC Holdings - Monograph and serial holdings for reporting to end users; automatic serial check-in; automatic serial claiming
How are these similar but different models reconciled?

- **MARC Authority data**
  - Subjects and Names → bf:Authorities
  - Titles and Name/titles → bf:Works
    - 4xx from MARC Authority become variant titles for bf:Work
    - 5xx from MARC Authority matched with other bf:Work
      - If match, relationship and URI used in bf:Work
      - If no match, bf:Work created, then relationship and URI used in bf:Work
    - If the title had a $o or $l then same process but “expression relationship” added
Result

- All MARC Title and Name/title authority records converted to bf:Work entities
- RDA/frbr Work to RDA/frbr Expression relationships expressed in bf:Works
What about MARC Bibliographic records?

- MARC Bibliographic data
  - Bibliographic record with 130 or 240
    - Match the 130/240 with the bf:Work entity that had been created from the MARC Authority record.
      - Add the subjects and other work/expression data from the MARC record to the bf:Work entity
    - Create bf:Instance entity based on the 260, 300, ISBNs, 856s
      - Do not include any of the elements that were joined with the bf:Work entity
MARC Bibliographic Data

- Bibliographic record without field 130 or 240
  - Create a bf:Work entity using the 245 as the “uniform title”
    - Include in the new bf:Work entity the subjects, classifications, and other work/expression level data from the MARC record
  - Create bf:Instance entity based on the 260, 300, ISBNs, 856s
    - Do not include an of the elements that were included with the bf:Work entity
Result

- bf:Authorities for names and subjects
- bf:Work for all bibliographic entities
- bf:Works include subject data
- bf:Instances for all manifestations of works and expressions
Creating additional bf:Works from MARC data

- Create/link works that are cited in MARC 530 (other physical format), 533 (reproduction); 534 (original version); 581 (publications about)?
- Mine the 505 (contents) for works: component or physically separate? Can 502 (with note) be parsed?
- Are Tables of Contents related to works or instances? We use them largely for subject keywords.
Issues?

- Creating bf:Instances
  - If split on ISBNs, have bf:Instance for each type of binding? How handle set and vol. ISBNs?
  - Different bf:Instances for each carrier when some marc records combine them?
  - How match repeating 260 and 300 (different bf:Instances) with ISBNs?
Very sketchy statistics

- LC processed over 1.2 million MARC bibliographic records
  - Expectation: need to create many additional bf:Works to augment bf:Works derived from the MARC Title and Name/title Authority file. Yes, less than 10% had uniform titles.
  - Expectation: many more Instance records will be necessary when the records are split. No, only about 4% extra produced.
Follow the progress
  - www.loc.gov/marc/transition

Join the discussion
  - bibframe@listserv.loc.gov