

# Bibliographic Framework Initiative: Data from MARC

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MARC Transition Interest Group

ALA Midwinter - January 26, 2013

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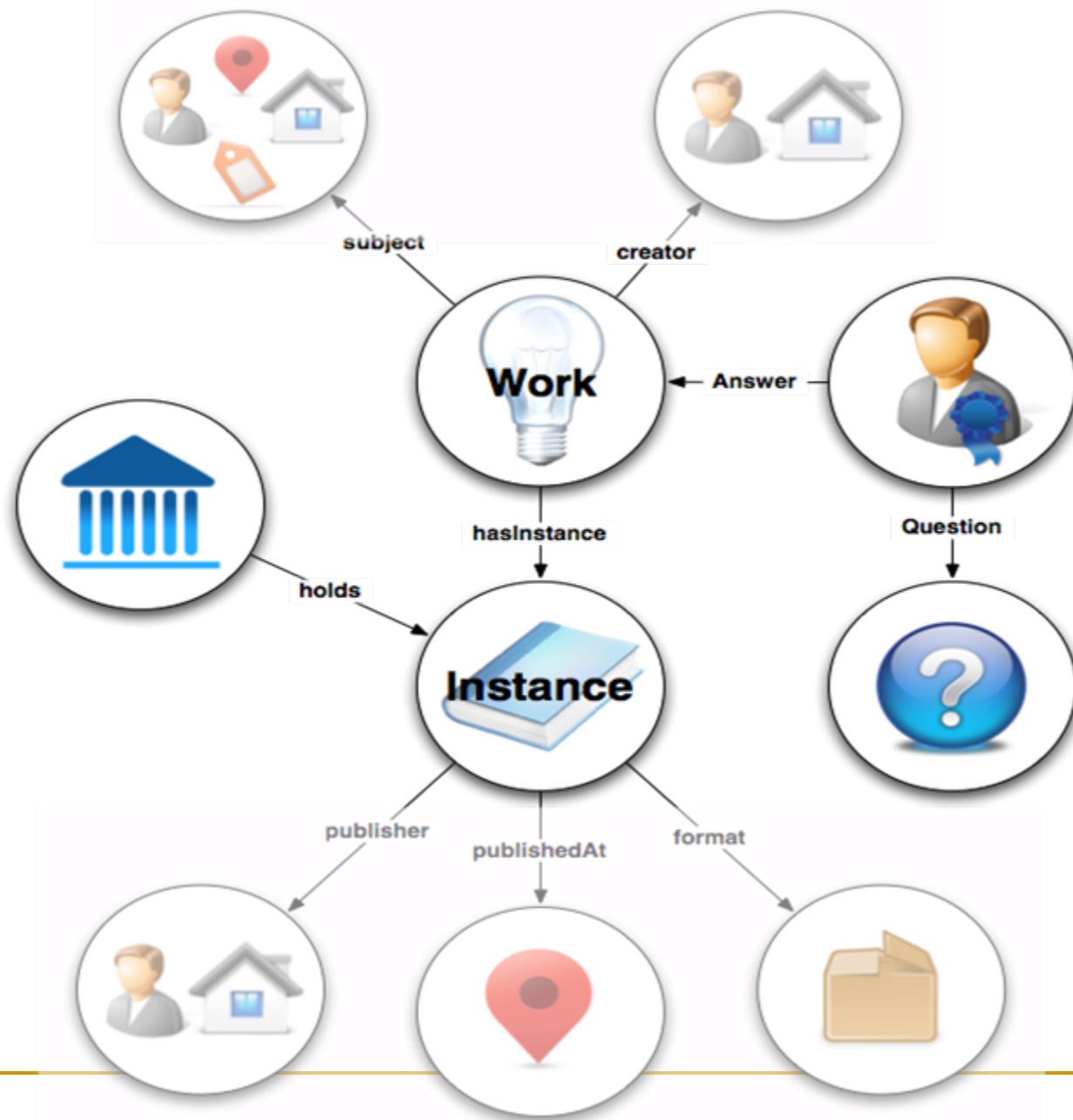
# Outline

- Bibframe high Level model
  - MARC “high level model”
  - Folding and Splitting
    - MARC Authority data
    - MARC Bibliographic data
  - Issues
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# 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
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# 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
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# 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
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## ■ 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
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# 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
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## ■ 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 any of the elements that were included with the bf:Work entity
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## ■ 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
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# Issues?

- 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.
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# 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?
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## 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.
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- **Follow the progress**

- [www.loc.gov/marc/transition](http://www.loc.gov/marc/transition)

- **Join the discussion**

- [bibframe@listserv.loc.gov](mailto:bibframe@listserv.loc.gov)

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