Panel: What role can RDA/RDF play in the transition to linked library data?

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Question 1: RDA has been painstakingly aligned with the LRM; BIBFRAME has not. One of the most talked-about areas of concern is the absence of an expression entity in BIBFRAME. Could this, or other incompatibilities between RDA and BIBFRAME, have significant impacts?

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Why do we want to adopt LD? One possible answer...

Bibliographic families

..... and bibliographic relationships
Family and progenitor are lost

Relationships cannot be represented at the ideas level

Relationships can be represented
ONLY at the signs level, and
ONLY if both Expressions involved in a relationship are known
Comparison of entity models in the LD community

IFLA-LRM

- Work
  - Expression
    - Manifestation
      - Item
      - Item

BIBFRAME

- Hub
  - Work
    - Instance
      - Item
      - Item

Share-VDE

- Opus
  - Work
    - Instance
      - Item
      - Item

ideas

signs

format

exemplars

Original slide by Tiziana Possemato in LIBER 2020 Workshop
Comparison of entity models in the LD community

IFLA-LRM

- **Work**
  - is realized through
  - realizes
  - **Expression**
    - is embodied in
    - embodies
    - **Manifestation**
      - is exemplified by
      - exemplifies

BIBFRAME

- **Hub**
  - bf:hasExpression
  - bf:expressionOf
  - **Work**
    - bf:hasInstance
    - bf:instanceOf
    - **Instance**
      - bf:hasItem
      - bf:ItemOf

Share-VDE

- **Opus**
  - bf:hasExpression
  - bf:expressionOf
  - **Work**
    - bf:hasInstance
    - bf:instanceOf
    - **Instance**
      - bf:hasItem
      - bf:ItemOf

*Original slide by Tiziana Possemato in LIVER 2020 Workshop*
Small number of BF properties for the representation of the derivative relationship

Equality to what?

BIBFRAME

Work X \rightarrow Work Z
bf:hasDerivative

RDA

Work X

Expression X.1 (eng) \rightarrow Expression X.2 (fre)
rdaeo:P20211 "is revised as"

OR

Work X \rightarrow Work Z
rdaeo:P20153 "is adapted as expression"
• Incompatibilities may be overcome if we adopt common cataloguing practices

• Thesis “Study of library data models in the Semantic Web environment”

• But,
Thank you!

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