

The Next Stage in our Bibliographic Models : the FRBR-Library Reference Model

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Outline

- Decisions and orientation
- Sketch of the model
- Focus on some innovations
- Next steps

Modelling Decisions

- Model the data needed to fulfill user tasks, not library operations
- Used entity-relationship modelling language
 - Entities, attributes, relationships
- High-level conceptual model (i.e. cover only generally applicable data)
- Framework that can be expanded

5 User Tasks

- Find
- Identify
- Select
- Obtain
- Explore

11 Entities

RES

Work Expression Manifestation Item

Agent

(Person Collective Agent)

NOMEN

Place Time-span

Properties: Attributes or Relationships?

- A property is defined using a relationship when it links two entities
- A property is defined using an attribute when it provides other information significant for characterizing an entity
- This info can be given as:
 - Values from a controlled list
 - Transcribed data (literal)
 - Free-text (literal)

34 Relationships, including

Subject	(work has-as-subject res)
Appellation	(res has-appellation nomen)
Assignment	(agent assigned nomen)
Equivalence	(nomen is-equivalent-to nomen)
Association	(res has-association-with place OR time-span OR res)

+ standard WEMI and Agent-WEMI relationships

Relationship Chains and Short-cuts

- **Since**
- PERSON **IsA** AGENT
- **And**
- AGENT **created** WORK
- **Then** the relationship
- PERSON **created** WORK
- is implicit and does not need to be listed
- But an application can generate a **short-cut**

37 Attributes

- **Data describing instances of entities**
- Goal to list only important or useful attributes
 - Very few material-specific attributes
- Implementations can expand by adding the attributes that are needed
- **Category** and **Note** attributes of RES

Representativity (Expression)

- **New** attribute from user research
- Is this expression *representative* of the work?
- Values **yes** or **no**
- Determined by criteria detailed in cataloguing standards
- Some of its attributes are significant in identifying the work (language, intended audience, medium of performance, key, scale)

Manifestation Statement

- All **transcribed data** is a kind of statement
- Specific to the manifestation entity
- Types of statements defined by cataloguing standards
 - titles, SOR, edition, publisher statement, etc.

Next steps

- World-Wide Review ends **May 1**
- Consider responses and integrate ...
- Back to FRBR RG for IFLA 2016 (Columbus)
- Final approval in late 2016?!