Organizing Middle Earth, or, The Lord of the Rings Meets FRBR

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Organizing Middle Earth, or, The Lord of the Rings Meets FRBR

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Overview of Tonight’s Talk

- FRBR = Functional Requirements for Bibliographic Records
  - What is FRBR?
  - Relationships in FRBR
  - FRBR in the OPAC
  - FRBR & the development of cataloguing rules
  - Avoiding FRBR phobia
Why FRBR?

• The OCLC WorldCat database contains the following records for *The Lord of the Rings*:
  - 724 records in the books format
  - 246 sound recordings
  - 125 visual resources
  - 97 mixed media materials
  - 47 music scores
  - 45 electronic resources
  - 14 maps
  - 6 serials
Functional Requirements for Bibliographic Records

- What FRBR is:
  - An IFLA Report, 1998
  - a logical framework
  - a conceptual model
  - a "generalized" view of the bibliographic universe
  - Available at http://www.ifla.org/VII/s13/frbr/frbr.htm

- What FRBR is not:
  - a data model
  - an implementation model
  - a conceptual model for authority records
  - A conceptual model for subjects
User Tasks

- Find (locate and collocate)
- Identify
- Select
- Obtain
- Relate
- Other possible tasks:
  - Attribute Royalties to
  - Preserve
Entity-Relationship Model

- **Group 1 Entities**: Products of intellectual or artistic endeavour
- **Group 2 Entities**: Those responsible for the intellectual & artistic content, physical production, or custodianship
- **Group 3 Entities**: Entities that serve as subjects of intellectual or artistic endeavour
Group 1 Entities & Their Relationships

- An Expression “realizes” A Work
- A Manifestation “embodies” An Expression
- An Item “exemplifies” A Manifestation
- A Work “Is realized through” An Expression
- An Expression “Is embodied in” A Manifestation
- A Manifestation “Is exemplified by” An Item
Bibliographic Relationships

- Equivalent
- Derivative
- Descriptive
- Whole-part
- Accompanying
- Sequential
- Shared characteristics

- Barbara Tillett
- Richard Smiraglia
- Sherry Vellucci
- Allyson Carlyle
Equivalent Relationships

- Multiple manifestations with identical content

W1 *The Lord of the Rings*

E1 English language text

Derivative Relationships: Same work

• Editions
• Translations
• Performances


- E1 Books—German

- E2 Spoken word recordings—English
Derivative Relationships: New works

- Parodies
- Adaptations


Whole-Part Relationships

• Components
• Aggregates

The Lord of the Rings = aggregate work = work of works
• The Fellowship of the Ring = component part = work
• The Two Towers = component part = work
• The Return of the King = component part = work

The Lord of the Rings Game
• contains 2 books, 2 map sheets, 9 character sheets, rules, contents sheets, 4 red dice, cardboard counters, map errata
Sequential Relationships

- Work-to-work, part-to-part (chronological relationship)
  - Part 1: *The Fellowship of the Ring*
  - Part 2: *The Two Towers*
  - Part 3: *The Return of the King*

*The Lord of the Rings Official Fan Club Magazine*

Vol. 1, no. 1; vol. 1, no. 2 ...
Accompanying Relationships

• Manifestation is accompanied by additional material


*The Lord of the Rings*. Extended edition includes 4 DVDs: 1: Part One; 2: Part Two; 3: Appendices Part One: From Book to Vision; 4: Appendices Part Two: From Vision to Reality. + 1 booklet with explanation of the extended edition; documentary appendices on the making of the movie; complete listing of scenes, with new scenes and extended scenes identified; and diagrams detailing how the book was transformed into visual form.
Descriptive Relationships: New works

- Commentaries
- Evaluations
- Criticisms
- Reviews


Smith, Jim E. *The Lord of the Rings: The Films, the Books, the Radio Series.*


Astin, Sean. *There and Back Again: Behind-the-Scenes on the Lord of the Rings.*
“The Group 2 entities represent those responsible for the intellectual or artistic content, the physical production and dissemination, or the custodianship of the entities in the first group” (FRBR, p.13)

Group 2 entities include:
- Persons
- Corporate bodies
Relationships of FRBR Group 1 Entities to FRBR Group 2 Entities (FRBR p. 14)
Group 1 : Group 2 Relationships

$w_1$ *The Lord of the Rings*  
“created by”  
$p_1$ J.R.R. Tolkien

$e_1$ *The Lord of the Rings [spoken word recording]*  
“performed by”  
$p_2$ Ian Holms

$m_1$ *The Lord of the Rings. [DVD, 2002]*  
“distributed by”  
$cb_1$ New Line Cinema Home Entertainment

$i_1$ *The Lord of the Rings [published English text, 1965]*  
“owned by”  
$cb_1$ Victoria University Library
FRBR Group 3 Entities

• The Group 3 entities serve as the subjects of works
• The group includes
  – concept (an abstract notion or idea)
  – object (a material thing)
  – event (an action or occurrence)
  – place (a location)
• In addition, all entities in Groups 1 and 2 can serve as subjects for a work
FRBR
Relationships of a Work to entities that can serve as the subject of a work (FRBR, p. 15)
Group 1 : Group 3 Relationships

c_1 Mythology

w_1 J.R.R. Tolkien The Lord of the Rings
   “is the subject of”

w_2 The Lord of the Rings: An Examination of Mythical Elements by M.C. Stone

FRBR, p. 63
Select 6th Symphony

<table>
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<th>Scan Term</th>
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</thead>
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</tr>
<tr>
<td>5</td>
<td>Beethoven, Ludwig van, 1770-1827</td>
</tr>
<tr>
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<td>1</td>
<td>Beethoven, Ludwig van, 1770-1827</td>
</tr>
</tbody>
</table>

Browse Search
FRBR OPAC

Work record

Expression records

Notice Different Expression: Printed Music
FRBR OPAC

Tree expanded to show Manifestations
The Expression record’s full display
The Manifestation record’s full display
The FRBR Work record for *The Lord Of the Rings*. Notice that there are two Expressions, Finnish and English languages, and the English has two Manifestations.
Multi-Volume Set

Notice the Items tab

The Manifestation record is for one volume (3 v. in 1) edition.
The screen displays the Item information. There are three copies of the one volume edition. Copy two is checked out.
Expression Headings

• Useful for small but important subsets of library material
  – Large collections in a specific area
  – Many expressions of same work
  – Many manifestations of same work
Types of Works in OCLC WorldCat

- **Elemental**: Works have only a single manifestation (78%)
- **Simple**: Works have only a single expression but multiple manifestations (16%)
- **Complex**: Works have multiple expressions (6%)
  - Revisions (53%)
  - Translations (26%)
  - Aggregates (9%)
  - Augmentations (2%)

Expression Headings

• Replace ambiguous term *Uniform Title* with new term

• Add elements to end of work heading (uniform title) to identify and differentiate expressions
  – Language
  – Mode of expression (sound, etc.)
  – Name of translator, performer, etc. (relate to Group 2 entity)
Resource Description and Access (RDA)

- Introductions (general principles/ concepts)
- Part I - Description
- Part II - Relationships
- Part III – Authority control
- Appendices
  - Display options
  - Abbreviations, capitalization, numbers
  - Glossary
RDA Timeline (Proposal)

- Dec. 2004 Draft Pt. 1 to constituents
- Apr. 2005 Reworked approach/structure
- July 2005 “Prospectus” for RDA
- Dec. 2005 Reworked Pt. 1
- 2006 Reworked Pt. 2
- 2006 Pt. 3
- 2007 Introductions and Appendices
- June 2007 Tests of Web product
- Dec. 2007 Text to publishers
- 2008 RDA Web available
Preparing for FRBR and RDA

• Become comfortable with the FRBR terminology and the Group 1 entities
• Focus on what is most new and challenging: the Expression
• Consider the following questions:
  – What is a work? What is an Expression?
  – How can FRBR help my users?
  – Where might headings for expressions be useful in my library?
  – Is my system vendor thinking about all this? Is he/she planning a FRBR implementation?
Questions for System Vendor

- What does/will the FRBR user interface look like?
- Will users see a FRBR-like structure?
- How do/will users navigate search results?
- Is vendor doing usability testing on a FRBR user interface?
- What record structure do/will you use? FRBR-like (VTLS) or MARC?
- Can MARC records be extracted if FRBR structure is used?
- How will FRBR affect cataloguing interface?
- How are links made and maintained between records?
Avoid FRBR Phobia

• Everyone is in the same boat
• You already know many FRBR concepts
• FRBR simplifies and clarifies OPAC displays
• FRBR is the GPS for the catalogue
• Users will love it!