The *FRBR* model as applied to continuing resources

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Outline

- Introduction to *FRBR* / serials cataloging
- Two kinds of *work*
- Two kinds of hierarchy
- Two kinds of authorship
- Two kinds of *manifestation*
- Two kinds of relationship
- Conclusion
FRBR

- *Functional Requirements for Bibliographic Records*

[München: Saur, 1998]

FRBR in a nutshell

- Entities
  - Group 1 (products of intellectual/artistic endeavor)
  - Group 2 (those responsible)
  - Group 3 (subjects of *works*)
- Attributes (of entities)
- Relationships (between entities)
**FRBR Group 1 entities**

- Work *is realized through an*
- Expression *is embodied in a*
- Manifestation *is exemplified in a*
- Item

**Consequences of FRBR (to date)**

- Experiments involving the application of the model to collections of existing (*pre-FRBR*) bibliographic records
- Examination of existing cataloging codes and communication formats for conformity with the conceptual model
Serials cataloging in a nutshell

- Earliest entry (US: to 1901/8; UK: to 1967)
- Latest entry (US: to 1971)
- Successively earlier entry (1981+), except when it’s latest entry (2002+)

Paris principle 11.5

11.5 When a serial publication is issued successively under different titles, a main entry should be made under each title for the series of issues bearing that title, with indication of at least the immediately preceding and succeeding titles. For each such series of issues, an added entry may be made under one selected title. If however, the variations in title are only slight, the most frequently used form may be adopted as a uniform heading for all issues.
Two kinds of work

- FRBR work
- CR work

Work (FRBR)

“A distinct intellectual or artistic creation.”

“A work is an abstract entity; there is no single material object one can point to as the work. We recognize the work through individual realizations or expressions of the work, but the work itself exists only in the commonality of content between and among the various expressions of the work.”

--FRBR, p. 16
“A group of bibliographic objects sharing a certain essential je-sais-quoi (i.e. title), unless the title differs in its first five words; but even if the title differs in its first five words, it’s still the same work if the difference falls into one of the following 9 (as of June 2004) categories: (1) a difference in the representation of a word or words; (2) addition, deletion, or change of articles, prepositions, or conjunctions; (3) …”
$w_1$ Matematicheskii sbornik

- $e_1$ Russian original published 1866-
- $e_2$ English translation published 1967-
  - $e_{2,1}$ Mathematics of the USSR. Sbornik (1967-1993)
  - $e_{2,2}$ Sbornik. Mathematics (1993- )

Boundaries of the *expression*

$w_1$ *The Wall Street Journal*

- $e_1$ the Eastern edition
  - $m_1$ the print format of the Eastern ed.
  - $m_2$ the microfilm of the Eastern ed.
- $e_2$ the Western edition
  - $m_1$ the print format of the Western ed.
  - $m_2$ the microfilm of the Western ed.
Boundaries of the *expression*

\[ w_1 \] *The Wall Street journal*

?_{3,1} the Midwest edition

*Continues:*

?_{3,2} the Chicago journal of commerce edition

*Continues:*

?_{3,3} the Chicago journal of commerce and La Salle Street journal

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The Chicago Journal of Commerce edition

[130]0 Wall Street journal (Chicago journal of commerce edition)

*[work]*

[130]0 Wall Street journal,$sChicago journal of commerce edition

*[expression]*
Two kinds of hierarchy: frequently revised works

The World of learning

$w_1$ The World of Learning

$e_1$ print

$i_{1,1}$ 2002

$i_{1,2}$ 2003

$i_{1,3}$ 2004

$e_2$ World of Learning Online

Aggregate work structure

work-expression structure

$w_1$ The World of Learning

$e_1$ 2002

$e_2$ 2003

$e_3$ 2004

$e_4$ World of Learning Online
Two kinds of authorship

AACR2

Rule 21.1A. Works of personal authorship
Rule 21.1B. Entry under corporate body
Rule 21.1C. Entry under title

Authorship (AACR2s)

LCRI 21.1A2
1. Consider the entire run of a serial before entering under personal author. Do not enter under personal author if different issues “have been or are likely to be” created by different persons;
2. Enter under personal author only if the person “is so closely connected to or involved with the serial that the publication seems unlikely to continue without that person;”
3. “Always lean toward not entering a serial under the heading for a person.”
Frommer’s San Diego

w₁ Hansen, Elizabeth: Frommer’s San Diego
  e₁ 1999

w₂ Yates, Stephanie Avnet: Frommer’s San Diego
  e₁ 2000  e₂ 2001
  e₃ 2002  e₄ 2003

w₃ Swanson, David: Frommer’s San Diego
  e₂ 2004 [text]
  e₂ Complete Guide to San Diego [online]

[monographic treatment]   [CR treatment]

Two kinds of manifestation

2004 ALA Conference (Orlando)
US Newspaper Program

- Bibliographic record describes the print *manifestation*
- Holdings record describes each microform *manifestation*

*The New York times*

e₁ City edition = m₁

m₁ print
m₂ microfilm master (b&w negative)
m₃ microfilm service copy (b&w positive)
m₄ microfiche
m₅ micro-opaque
“Aggregator-neutral” records for online serials

- Bibliographic record describes the online version at the publisher’s website or, in its absence, the version at the next preferred website.
- “Issue-intact” versions are not described but links are provided to the relevant websites.
- Versions in aggregations are not acknowledged.

Financial times in some aggregations

[online: text only] Factiva (Dow Jones interactive) 1980-
[online: text only] Factiva (Factiva alerts) 1980-
[online: text only] Factiva (Factiva developer. Search) 1980-
[online: text only] Factiva (Factiva developer. Track) 1980-
[online: text only] Factiva (Factiva extranets) 1980-
[online: text only] Factiva (Factiva extranets. Financial services) 1980-
[online: text only] Factiva (Factiva search module) 1980-
[online: text only] Factiva (Factiva select. Headline) 1980-
[online: text only] Factiva (Factiva track module) 1980-
[online: text only] Factiva (Factiva.com search) 1980-
[online: text only] Factiva (Factiva.com track) 1980-
[online: text only] Factiva (Reuters business briefing) 1980-
**FRBR model**

\[ e_1 \text{ International journal of aggregator-neutral studies (Online)} \]

\[ m_1 \text{ publisher’s website issues (PDF/HTML) + “online first”} \]

\[ m_2(\ldots) \text{ hosting service 1 (\ldots) issues (PDF/HTML)} \]

\[ m_3(\ldots) \text{ aggregator 1 (\ldots) articles (PDF/HTML | b&w/color | text/text&graphics)} \]

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**CONSER**

**“aggregator-neutral” model**

\[ e_1 \text{ International journal of aggregator-neutral studies (Online)} \]

\[ m_1 \text{ publisher’s website (+ URL(s) for “issue-intact” hosting services)} \]
Monographs: *FRBR* levels of abstraction work well

CR: user may be better served by blurring manifestation boundaries:

- Print: v. 33 (1980)-
- Online: v. 50 (1997)-

Two kinds of relationship
FRBR Group 1 relationships

- **Work-to-work**
  - Successor
  - Supplement
  - Complement
  - Summarization
  - Adaptation
  - Transformation
  - Imitation
  - Whole/part work-to-work

- **Expression-to-expression**
  - Abridgement
  - Revision
  - Translation
  - Arrangement (music)
  - All the work-to-work relationships
  - Whole/part expression-to-expression

- **Expression-to-work**
  - All the work-to-work relationships

- **Manifestation-to-manifestation**
  - Reproduction
  - Alternate
  - Whole/part manifestation-to-manifestation

- **Manifestation-to-item**
  - Reproduction

- **Item-to-item**
  - Reconfiguration
  - Reproduction
  - Whole/part item-to-item

Candidate sources for CR machine-induced collocation

- **Main entry citation:** 1XX, 240, 245, 250 (works well with monographs)
- **Added entry citation:** 7XX, 440, 8XX (less satisfactory at expression level)
- **Linking entry citation:** 760-787 (more relationship-specific: refers to related resource rather than resource described)
Linking entry fields (760-787)

- **Pre-AACR2:**
  
  $t$ key title (222 $a$)
  $c$ key title qualifier (222 $b$)
  $x$ ISSN (022 $a$)
  $w$ (OCoLC) OCLC control number (001)
  $w$ (DLC) LC control number (010 $a$)

- **AACR2:**
  
  $a$ Name main entry heading (100-111)
  $b$ Edition statement (250) *if necessary*
  $s$ Uniform title (240)
  $t$ Uniform title main entry heading (130);
    *else* Title proper (245 $anp$)
  $x$ and $w$ as before
Reproductions and alternates

- Main entry citation
  
  Use 1XX, 240, 245, 250 to identify *expression*
  
  Use 006-008 data to identify *manifestation*

- Linking entry citation
  
  775 Editions (including regular-print *reprints*)
  
  776 Physical formats (including *microforms*, CD-ROMS, online resources, audiocassettes)

*Linked manifestation may be of this expression or of a different expression*

Conclusions

- There may not be problems with the FRBR model per se, but it may need clarification
- Any proposed solutions should aim to make implementation models as simple as possible
- Ideally, we should try reconcile CR cataloging to other cataloging
- The ultimate goal should be to save the time of the reader
Thank you

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