Conceptual Foundations of RDA
Part 3
Focus on Relationships

Pat Riva
Relationships in RDA

- Section 5, chapter 17, Primary Relationships
- Section 6, chapters 18-22, Relationships to Persons, Families, Corporate Bodies
- Section 8, chapters 24-28, Relationships between Works, Expressions, Manifestations, Items
- Section 9, chapters 29-32, Relationships between Persons, Families, Corporate Bodies
- Sections 7 and 10, subject relationships
Relationships in the Catalogue

- Provide structure
- Collocation
  - User tasks Find and Identify
- Allow navigation
Outline

- FRBR relationships
- FRAD relationships
- Relationships in RDA
- MARC 21 coding
FRBR Relationships

- Bibliographic relationships
- Types of relationships according to FRBR
- Comparison with other taxonomies
- Recording relationships in RDA and MARC 21
Bibliographic Relationships

- Inherent structural relationships
- Between Group 1 entities
Group 1 Primary Relationships

WORK

realized through

EXPRESSION

embodied in

MANIFESTATION

exemplified by

ITEM
Primary Relationships in RDA

- Ch.17 Recording Primary Relationships
- Work manifested
- Expression manifested
- Access point for the work or expression
- Composite description
Group 2 Primary Relationships

PERSON
FAMILY
CORPORATE BODY

responsible for

work
expression
manifestation
item
Different types of responsibility:
- Item <is owned by>
- Manifestation <is produced by>
- Expression <is realized by>
- Work <is created by>
RDA Section 6

- Access points
- with relationship designators from appendix I

700 1# $a Saint-Germain, Michel, $d 1951-$e translator
or
700 1# $a Saint-Germain, Michel, $d 1951-$4 trl
Between Group 1 Entities

- In FRBR
- Types of relationships characterized by:
  - entities involved
  - Referential or Autonomous
  - Dependent part or Independent part
Work or Expression Level

- Work-to-Work
- Expression-to-Expression (between expressions of different works)
- Expression-to-Work (expression to a different work)
Work or Expression Level

- Successor
- Supplement
- Complement
- Summarization
- Adaptation
- Transformation
- Imitation
Whole/Part: Work or Expression

- Dependent part
  - Chapter, section, part, etc.
  - Volume/issue of serial
  - Part of multipart work
  - Illustration for a text
  - Sound track for a film

- Independent part
  - Monograph in series
  - Journal article
  - Part of multipart work
Expression-to-Expression of same Work

- Abridgement
- Revision
- Translation
- Arrangement (music)
Manifestation or Item Level

- Manifestation-to-Manifestation (of same expression)
- Manifestation-to-Item (of a different manifestation of the same expression)
- Item-to-Item
## Manifestation-to-Manifestation

<table>
<thead>
<tr>
<th>Reproduction</th>
<th>Alternate</th>
</tr>
</thead>
<tbody>
<tr>
<td>reproduction</td>
<td>alternate format</td>
</tr>
<tr>
<td>microreproduction</td>
<td>simultaneous edition</td>
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<tr>
<td>reprint</td>
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</tr>
<tr>
<td>facsimile</td>
<td></td>
</tr>
<tr>
<td>mirror site</td>
<td></td>
</tr>
</tbody>
</table>
Whole/Part: Manifestation

- Volume of multivolume manifestation
- Soundtrack for a film
- Parts of a kit
- Part may be physically separate or not
Item-to-Item

- Reconfiguration
  - bound with
  - split into
  - extracted from

- Reproduction
  - reproduction
  - microreproduction
  - facsimile
Whole/Part: Item

- Physical component of copy
  - integral, such as: a page
  - discrete, such as: a volume
- Binding of a book
Other Taxonomies

- MARC/UNIMARC
- Barbara Tillett
- Richard Smiraglia
MARC 21/UNIMARC

- Horizontal  - 765, 767, 775, 776
- Vertical    - 760, 762, 770, 772, 773, 774
- Chronological - 777, 780, 785
Barbara Tillett

- Equivalence
- Derivative
- Descriptive
- Whole-part
- Accompanying
- Sequential
- Shared characteristic
Mapping Work or Expression Level Relationships

- Successor = Sequential
- Supplement = Accompanying
- Complement = Accompanying
- Summarization = Derivative
- Adaptation = Derivative
- Transformation = Derivative
- Imitation = Derivative
Mapping Expression-to-Expression Relationships

- Abridgement
- Revision
- Translation
- Arrangement (music)

= Derivative
Observations on Mapping

- **Sequential** class maps to one case only
- **Accompanying** class to few cases
- **Descriptive** and **Shared characteristic** classes do not appear here
- **Derivative** class has multiple maps
  - break it down further
Simultaneous derivations
Successive derivations
Translations
Amplifications
Extractions
Adaptations
Performances
Mapping Work or Expression Level Relationships (2)

- Successor = Sequential
- Supplement = Accompanying
- Complement = Accompanying
- Summarization = Derivative/\textit{extraction}?
- Adaptation = Derivative/\textit{adaptation}
- Transformation = Derivative/\textit{adaptation}
- Imitation = Derivative/\textit{adaptation}?
Mapping Expression-to-Expression Relationships (2)

- Abridgement = Derivative/extraction
- Revision = Derivative/successive derivation
- Translation = Derivative/translation
- Arrangement (music) = Derivative/adaptation
Observations on Mapping (2)

- **Adaptation** subclass has multiple mappings
- **Performance** subclass is missing
  - should be expression-to-expression
- **Amplifications** handled as aggregates
Mapping Manifestation-to-Manifestation Relationships

- **Reproduction**
  - microreproduction
  - reprint
  - facsimile

- **Alternate**
  - alternate format
  - simultaneous edition

= Equivalence

= Derivative/
  
  simultaneous
derivation
Mapping Item-to-Item Relationships

- **Reconfiguration**
  - bound with
  - split into
  - extracted from

- **Reproduction**

  = Accompanying
  = Whole-part
  = Whole-part
  = Equivalence
Observations on Mapping (3)

- Retrieval of set of “equivalent” manifestations, those realizing the same expression
- Does this mean:
  - Reproduction only?
  - Reproduction + Alternate?
  - Or Equivalence only?
RDA Section 8

- Identifiers or
- Access points
- with relationship designators from appendix J
- Structured or unstructured descriptions
500 ## $a Based on the novel (work)
500 ## $a Includes index (work)
500 ## $a Adapted from the author's thesis (expression)
530 ## $a Also available in PDF (manifestation)
500 ## $a Reproduction of the manuscript held by ... (item)
MARC 21 Coding, Structured Descriptions, Identifiers

- Formal contents notes 505
- Linking fields 75X-78X, subfields $o$ $w$
  $x$ $z$ for identifiers

785 00 $t$ TEIC quarterly seismological bulletin  $x$ 0741-1898 $w$ (DLC)
sc#83007721#

787 08 $i$ reproduction of (manifestation)
$a$ Verdi, Giuseppe, $d$ 1813-1901. $t$
Otello. $d$ Milan : Ricordi, 1913
MARC 21 Coding
Access Points

- Series 800-830
  830 #0 $a Collection Première lecture ; $v 26
- 700-730, with new $i (relationship designator)
  700 1# $i sequel to $a Carroll, Lewis, $d 1832-1898. $t Alice's adventures in Wonderland
  700 1# $i translation of $a Simenon, Georges, $d 1903-1989. $t Long cours
FRAD Relationships

- Relationships between different Persons, Families, Corporate bodies, Works
- Relationships between various Names of Persons, Families, Corporate bodies, Works
- Relationships between Controlled Access Points for the same entity
FRAD Relationships Between Different Entities

- Relate one entity to another bibliographically different entity
- Provide navigation between *authorized* forms of controlled access points for different entities
- MARC 21 coding: 5XX (See also references)
FRAD Relationships

- Person-to-Person
- Person-to-Family
- Person-to-Corporate Body
- Family-to-Family
- Family-to-Corporate Body
- Corporate Body-to-Corporate Body
- Work-to-Work (as in FRBR)
Person-to-Person

- Pseudonymous
- Secular/Religious
- Official capacity
- Attributive
- Collaborative
- Siblings
- Parent/Child
Person-to-Person

- Pseudonymous, Multiple bibliographic identities
  - Mertz, Barbara *also writes under the pseudonyms* Barbara Michaels *and* Elizabeth Peters
  - One real person, 3 distinct bibliographic identities
  - 3 authority records
Person-to-Person

- Secular name / Name in religion
  - Roncalli, Angelo Giuseppe *secular name of John XXIII, Pope*
- Official capacity
  - Paul Martin *had official name* Canada. Prime Minister for 2003-2006
- Attributive
  - Brutus, Marcus Junius *versus* Pseudo-Brutus
Person-to-Person

- Collaborative
  - Erckmann-Chatrian *the collective pseudonym of* Erckmann, Emile *and* Chatrian, Alexandre
    - 2 real persons, 3 bibliographic identities
- Siblings
- Parent/Child
Person-to-Family or Person-to-Corporate Body

Membership

- Person and their Family
- Person as member of a musical group
- Buddy Rich *member of* Buddy Rich Band
Genealogical

- Conti, House of *descendent family of* Condé, House of
Family-to-Corporate Body

- Founding
  - Hall family *founded* Hall Family Foundation
- Ownership
  - Herlin family *owns* Kone
Corporate Body-to-Corporate Body

- Hierarchical
  - Subordination

- Sequential
  - Predecessor / Successor (earlier/later name)
  - Separation / Amalgamation
RDA Section 9

- Relationships between Persons, Families and Corporate Bodies
- Identifiers or
- Access points
- with relationship designators from appendix K
MARC 21 Coding

- 5XX fields in Authority records
- $w/0=r (Relationship information in $i or $4)
- $i (Relationship information) or $4 (Code)
- Link different authority records
Examples

110 2# $a I.M. Pei & Partners
500 1# $w r $i founder $a Pei, I. M., $d 1917-
510 1# $w b $a Pei Cobb Freed & Partners

100 1# $a Clemens, Samuel, $d 1835-1910
500 1# $w r $i alternate identity $a Twain, Mark, $d 1835-1910
FRAD Relationships
Among Names of Entities

- Relate names which refer to the same entity in different contexts
- Relationships usually exist in pairs
- Used to create references from *variant* names to the name used for the authorized controlled access point of a *single* entity
- MARC 21 coding: 4XX (See references)
FRAD Relationships
Among Names of Entities

- Names of Persons
- Names of Families
- Names of Corporate Bodies
- Names of Works
Names of Persons

- Earlier name / Later name
  - Thibeault, Jacques-Anatole *earlier name of* France, Anatole
  - Nicholls, Charlotte *later name of* Brontë, Charlotte
- Other variant names (different spellings, etc.)
Names of Corporate Bodies

- Expanded name
- Acronym/initiais/abbreviations
- Other variant names (different spellings, etc.)
Names of Works

- Conventional name
- Other variant names (different spellings, etc.)
For Any Entity

- **Alternative linguistic form**
  - Marcus Aurelius Antonius  
    - <Latin>  
  - Marc Aurèle  
    - <French>  
  - Familie Trapp  
    - <German>  
  - Trappin perhe  
    - <Finnish>  
  - United Nations  
    - <English>  
  - Nations Unies  
    - <French>
Variant Names in RDA

- Creating access points based on variant names follows instructions for access points based on preferred names
- See Chapters
- 9-11 (Persons, Families, Corporate Bodies)
- 16 (Places)
- 6 (Works)
FRAD Relationships Between Controlled Access Points

- Relate one *authorized* form of a controlled access point to another *authorized* form for the same entity in another system
- Used when linking one authority file to another
- MARC 21 coding: 7XX (authority linking entries)
- Out of scope for RDA
Relationships Between Controlled Access Points

- Parallel language
  Library and Archives Canada
  = Bibliothèque et Archives Canada

- Alternate script
  Cyrillic or Chinese as opposed to romanized

- Different rules
  Benedict XVI, Pope, 1927-  (AACR2 - English)
  Benoît XVI, pape, 1927-    (RCAA2 - French)
Other Relationships

- Also out of scope for RDA
  - Relationship between a controlled access point for a subject and its classification number
  - Relationship between a controlled access point for an entity and an identifier
- RDA sections 7 and 10 reserved for subject entities and relationships
- Work *has subject* is an FRBR inherent relationship
Group 3 Primary Relationships

CONCEPT
OBJECT
EVENT
PLACE
+ group 1 and 2 entities

subject relationships to
group 1 entity:
work
Summary of Relationships

- FRBR and FRAD describe inherent and bibliographic/authority relationships
- Different techniques to include relationships in bibliographic and authority records
- Relationships (collocation) turn separate records into a catalogue
- Enable the Find and Identify user tasks