Resource Description and Access

A Cataloging Code for the Future
(and related IFLA initiatives: FRBR, FRAD, IME ICC)

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Topics today

- IFLA Initiatives
  - What is FRBR?
  - FRAD, FRSAR
  - IME ICC

- What is RDA and why a new standard?

- RDA goals, structure, and content

- Preparing for RDA
What is FRBR?

- IFLA’s Functional Requirements for Bibliographic Records (FRBR)
- User tasks
  - Find
  - Identify
  - Select
  - Obtain
- Entities, Relationships, Attributes
- Mandatory elements for a national level bibliographic record
Other International Developments

- IFLA’s Functional Requirements for Bibliographic Records (FRBR)
- FRAD for authority data
- Updating the Paris Principles (IME ICC)
- IFLA Meeting of Experts on an International Cataloguing Code
Vocabulary

- "Book"
  - Door prop (item)
  - "publication" at bookstore any copy (manifestation)
Vocabulary

- “Book”
  - Who translated? (expression)
  - Who wrote? (work)
Work

Expression

is realized through

is embodied in

Manifestation

is exemplified by

Item

Intellectual/artistic content

Physical - recording of content
Relationships Inherent to the Group 1 Entities

- **Work** “is realized by” an expression
- **Expression** “is embodied in” a manifestation
  - **Manifestation** “is exemplified by” an item
    - **Item**
Relationships

- Inherent among the entities
- Content relationships among works

Whole-Part

Accompanying
## Family of Works

<table>
<thead>
<tr>
<th>Equivalent</th>
<th>Derivative</th>
<th>Descriptive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microform reproduction</td>
<td>Editions</td>
<td>Summary Abstract Digest</td>
</tr>
<tr>
<td>Copy</td>
<td>Translation</td>
<td>Dramatization</td>
</tr>
<tr>
<td>Exact reproduction</td>
<td>Revision</td>
<td>Novelization</td>
</tr>
<tr>
<td>Facsimile</td>
<td>Illustrated edition</td>
<td>Libretto</td>
</tr>
<tr>
<td>Reprint</td>
<td>Expurgated edition</td>
<td>Parody</td>
</tr>
<tr>
<td>Variations or versions</td>
<td>Arrangement</td>
<td>Imitations</td>
</tr>
<tr>
<td>Slight modifications</td>
<td>Adaptations</td>
<td>Same style or thematic content</td>
</tr>
<tr>
<td>Original</td>
<td>New work</td>
<td>Commentary</td>
</tr>
</tbody>
</table>

Same Expression          New Expression          Cataloging Rules cut-off point          New Work
Group 1 Entities’ Attributes

- **Work**
  - ID
  - Title
  - Date
  - etc.

- **Expression**
  - ID
  - Title
  - Form
  - Date
  - Language
  - etc.

- **Manifestation**
  - ID
  - Title
  - Statement of responsibility
  - Edition
  - Imprint (place, publisher, date)
  - Form/extent of carrier
  - Terms of availability
  - Mode of access
  - etc.

- **Item**
  - ID
  - Provenance
  - Location
  - etc.
Group 2
Entities

- Work
- Expression
- Manifestation
- Item

- is owned by
- is produced by
- is realized by
- is created by

Person
Corporate Body

many

FRBR
Group 3
Subject of Works

FRBR

Work
Expression
Manifestation
Item

Person
Corporate Body

Concept
Object
Event
Place

has as subject

many
Possible FRBR applications

Scenario A - Now

Authority
- Work/Expression
- Uniform Title

Bibliographic

Holding

Manifestation

Item

Person

Series (work/expression)
Uniform Title

Concept
Scenario B

Authority

Person/Corporate body

Work/Expression Uniform Title

Person/Corporate body

Series (work/expression) Uniform Title

Concept

Bibliographic

Manifestation

Holding

Item
FRBR Benefits

- **Collocation**
  - Better organization to catalog

- **Easier cataloging**

- **Reduction in cataloging load**
  - Work only cataloged once for all expressions of it
  - Expression only cataloged once for all manifestations of it
  - Item cataloging (already simple) remains the same
FRBR Benefits

- Circulation: Place holds at “Work” or “Expression” level rather than only at manifestation level
  - (VTLS and OCLC demonstrate this)
Each of the five basic titles in the “family” of Atlantic Monthly is a “sub-work” under the Super Work.
This the Manifestation level record which has information like the title page, imprint, LCCN, and ISSN.
The lion, the witch and the wardrobe; a story for children.

Four English school children find their way through the back of a wardrobe into the magic land of Narnia and assist Aslan, the golden lion, to triumph over the White Witch, who has cursed the land with eternal winter.
FRAD

- Functional Requirements for Authority Data
- Extension of the FRBR model to authority control
Bibliographic Entities

known by

Names and/or Identifiers

basis for

Controlled Access Points

FRAD
FRAD extension to FRBR

FRBR

Entities:
- Person
- Family
- Corporate Body
- Work
- Expression
- Manifestation
- Item
- Concept
- Object
- Event
- Place

Name
Identifier
Access Point
Rules
Agency
Cataloguing Principles

- 1961 – IFLA’s “Paris Principles”
IME ICC

Goals & Objectives

■ Goal
  • Increase the ability to share cataloguing worldwide by
  • Promoting standards

■ Objectives
  • Develop “Statement of International Cataloguing Principles”
  • See if rules/practices can get closer together
  • Make recommendations for an International Cataloguing Code
IME ICC Regional Meetings

- **IME ICC1 – Europe/Anglo-American**
  [http://www.d-nb.de/standardisierung/afs/imeicc_index.htm](http://www.d-nb.de/standardisierung/afs/imeicc_index.htm)

- **IME ICC2 – Latin America-Caribbean**
  [http://www.loc.gov/imeicc2](http://www.loc.gov/imeicc2)

- **IME ICC3 – Middle East**

- **IME ICC4 – Asia**
IME ICC5

- 2007 August 14-15 subSaharan Africa
- Hosted by the National Library of South Africa, Pretoria, South Africa

http://www.imeicc5.com
New standard: why?

- Simplify rules
  - Encourage use as a content standard for metadata schema
  - Encourage international applicability
- Provide more consistency
- Address current problems
- Principle-based
  - To build cataloger’s judgment
  - Encourage application of FRBR/FRAD
Why not just keep revising AACR2?

- AACR2
  - 1978
  - 1988
  - 1998
  - 2002
Background

- 1997: International Conference on the Principles and Future Development of AACR, Toronto
  - Worldwide experts invited by the JSC
  - Reviewed principles
  - Content vs. carrier
  - Logical structure of the rules
  - Seriality
  - Internationalization
From AACR3 to RDA

- **April 2005** – decided to start afresh by rethinking and restructuring AACR3

- Came as a result of concerns that a revision of AACR2 would not accommodate digital resources

- Adopted the name *Resource Description and Access*
New Cataloging Environment

- Wide range of information carriers: wider depth & complexity of content
- Metadata (bibliographic information) created by a wider range of personnel in and outside libraries; some using new metadata schemas (Dublin Core, etc.)
- Descriptive data in digital form (ONIX, etc.)
GOALS: RDA will be ...

- A new standard for resource description and access
- Designed for the digital environment
  - Web-based product
    - paper also available
- Description and access of all digital and analog resources
- Resulting records usable in the digital environment (Internet, Web OPACs, etc.)
RDA will be ...

- “A multinational content standard providing bibliographic description and access for the variety of media and formats collected by libraries today”
- Developed for use in English language environment;
- it can also be used in other language communities
RDA will be a **content standard** -- not a display or encoding standard

- Independent of the encoding **communication format** (e.g., MARC 21, MODS)
- Independent of **display format** (e.g., OPAC labels, ISBD)
  - International Standard Bibliographic Description (ISBD) display information in Appendix to RDA
  - *RDA*-created records can be displayed in an ISBD display if desired
RDA will ...

- Support FRBR user tasks
  - Find, identify, select, obtain

- Enable users of library catalogs, etc., to find and use resources appropriate to their information needs
Who develops and supports RDA?

Committee of Principals

AACR Fund Trustees/Publishers

Joint Steering Committee

ALA
CC:DA
ACOC
BL
CCC
CILIP
LC
JSC and Project Management Team
Creating RDA

- Process of creating *RDA*
  - Editor drafts chapters
  - JSC reviews chapters
  - Editor revises chapters
  - JSC constituencies (and others) review chapters
  - JSC considers comments and requests changes to text by the Editor
RDA Proposed Structure

- General introduction
- Part A – Description and access
- Part B – Authority control (Access point control)
- Part C?
- Appendices
  - Capitalization, Abbreviations, Initial articles
  - Presentation (ISBD display, OPAC display, etc.)
- Glossary
- Index
0. Introduction
1. General guidelines for resource description
2. FRBR “Identify” the resource
3. Carrier description - FRBR “Select”
4. Content description - FRBR “Select”
5. Acquisition and access information - FRBR “Obtain”
Part A Ch. 6-7
“Relationships”

FRBR user task “Find”

- Chapter 6: Relationships between FRBR Group 1 and Group 2 entities
  - Persons
  - Corporate bodies
  - Families

- Chapter 7: Relationships among FRBR Group 1 entities
  - Works
  - Expressions
  - Manifestations
  - Items
Part B
Access Point Control

- Choice of access points
- General guidelines for access point control
- Access points (preferred forms and variants) for:
  - Persons, Families, Corporate bodies, Places
  - Works, Expressions, etc.
- Other information used in access point control (entity identifiers, sources, etc.)
Part C?

- Elements that are data about data
  - “Description based on...”
  - Etc.
## New Terminology

### AACR2 terms
- Heading
- Authorized heading
- Main Entry
- Added Entry
- Authority control
- Uniform title

### RDA terms
- Access point
- Preferred access point
- Access point/creator of work
- Access point
- Access point control
- Preferred title
- Name of the work (to include name of creator when applicable)
New elements

- Media, Carrier, and Content Types to replace GMDs
- Other examples:
  - File characteristics for digital materials
  - Video format characteristics
  - Custodial information for archival resources
  - Braille characteristics
How many elements?

- Required mandatory data elements (instruction 1.4)

- Within the text, data elements will be labelled as:
  - “Required”
  - “Optional”
Importance of transcription of data to identify the resource varies
- Rare books – very important!
- Digital materials – maybe not as important

“Take what you see”
- Correction of inaccuracies elsewhere
- Facilitating automated data capture
Customizing RDA Web Tool

- Instructions will be coded by type of content, mode of issuance, etc.:

- Can create a customized version of the Web-based RDA to see only the instructions you need or want to see
  - Cartographic instructions
  - Serial instructions
  - Etc.
Preparing for *RDA* ...
FAQ ("Frequently Asked Questions") on adopting RDA and other topics available on the JSC Web site:

http://www.collectionscanada.ca/jsc/rda.html
Most RDA data elements can be incorporated into MARC 21

A few changes in MARC 21:
- New data elements to replace GMDs
- Possibly some other modifications necessary

RDA and Dublin Core: mappings, further discussions
Making decisions ...

- Required data elements + which others?
- Which alternatives and options?
- Who decides how to apply RDA?
  - National libraries
  - Other governing bodies: OCLC, the Program for Cooperative Cataloging
  - Individual institutions
No: Intend for RDA records to be compatible

Need for retrospective adjustments when integrating *RDA* and *AACR2* records will be minimal, if at all
Draft Reviews

- Mar.-June 2007: Chapter 3 “Carrier”
- July–Sept. 2007: Chapters 6 and 7 “Relationships”
- July-Sept. 2008: Complete draft of RDA
- Early 2009: First release of RDA
Commenting on *RDA* Drafts


- Informal discussion: subscribe to RDA-L (link on page above)

- Formal comments: send to Chair of JSC, Deirdre Kiorgaard, dkiorgaa@nla.gov.au
View/listen to a 3-minute demonstration of RDA Online

www.rdaonline.org

Complete a brief survey – we want your feedback!
Training for **RDA**

- Catalogers **will** need some training in RDA – hope it’s more like “orientation”
- Groups that provide training are beginning to make plans
- Online product will assist with learning
RDA Products

- Online (Web Tool) product first:
  - Different pricing structures

- Additional formats: co-publishers want information from you
  - Focus groups at ALA Annual Conference in June 2007
  - Questions also to be posted online for your responses
Summary

- Internationally agreed principles
  - IME ICC
- Conceptual models
  - FRBR
  - FRAD
- Collaborative effort
- Resulting records for use in Web environment
- 2009