The Future of Cataloging Codes and Systems: IME ICC, FRBR, and RDA

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for UNIMARC & Friends
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Overview – IFLA and Cataloguing

- Cataloguing principles
  - IME ICC Statement
- New conceptual models
  - FRBR & VIAF
- New cataloging codes
  - RDA
Anglo-American Tradition
IFLA Influence on Cataloguing Codes

- 1961 – IFLA’s “Paris Principles”
Anglo-American Tradition

1841
1876
1902
1904
1906
1908
1941
1949
1967
More IFLA Influence

- 1969 – IFLA’s ISBDs
  - International Standard Bibliographic Description
AACR2

- 1978
- 1988
- 1998
- 2002
Recent IFLA Initiatives

- **FRBR**
  - Functional Requirements for Bibliographic Records

- **VIAF**
  - Virtual International Authority File

- **IME ICC**
  - IFLA Meeting of Experts on an International Cataloguing Code (replacing ‘Paris Principles’)
Paris Principles (1961)

- Scope
- Function
- Structure of the Catalogue
- Kinds of Entry
- Use of Multiple Entries
- Choice of Uniform Heading

- Single Personal Author
- Entry under Corporate Bodies
- Multiple Authorship
- Works Entered under Title, Uniform Headings for Works, etc.
- Entry Word for Personal Names
Update Paris Principles

- December 2003+
- IME ICC = IFLA Meeting of Experts on an International Cataloguing Code
  - IME ICC draft Statement of 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 ICC1

- Frankfurt, Germany, Aug. 2003
- 54 rule makers/ cataloguing experts
- 32 European countries
  - + US and Australia (Planning Committee), AACR2 representatives

http://www.ddb.de/standardisierung/afs/imeicc_index.htm
IME ICC2


IME ICC3

Next Meetings

- **2006 Asia**
  - National Library of Korea, Seoul
  - August 15-17, 2006

- **2007 Africa**
  - National Library of South Africa
  - August 2007
Introduction

- Serve the convenience of the users
- Broaden Paris Principles
  - All types of materials (not just text)
  - Description
  - Access (not just choice and form of entry, but all access for bibliographic and authority records)
- Build on
  - Great cataloguing traditions of the world
  - FRBR and FRAR and future FRSAR

1. Scope
2. Entities, Attributes, Relationships
3. Functions of the Catalogue
4. Bibliographic Description
5. Access Points
6. Authority Records
7. Foundations for Search Capabilities
1. Scope

- Guide development of cataloguing codes
- Bibliographic and authority records
- Library catalogues +
- Consistent approach to descriptive and subject cataloguing
- All kinds of resources
Scope, continued

- Highest principle for constructing cataloguing codes = 
  convenience of the users of the catalogue
2.1 Entities in Bibliographic Records

- FRBR entities
  - Work
  - Expression
  - Manifestation
  - Item

- Separate bibliographic record for each manifestation
  - Collection
  - Individual work
  - Component
2.2 Entities in Authority Records

- Controlled forms of names
  - Person
  - Family
  - Corporate Body
  - Work
  - Expression
  - Manifestation
  - Item
  - Concept
  - Object
  - Event
  - Place

Table: Controlled forms of names

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2.3 Attributes and 2.4 Relationships

- **Attributes**
  - Identify the entity
  - Data elements in bibliographic and authority records

- **Relationships**
  - Bibliographically significant
  - Identified through the catalogue
3. Functions of the Catalogue

- To enable a user to
  - Find
  - Identify
  - Select
  - Obtain
  - Navigate
5. Access Points

- Formulate following general principles

- Controlled
  - Provide consistency
  - Normalize following a standard ("authorized headings")
  - Record in authority records (normalized forms and variant forms to use as references)

- Uncontrolled
  - Title proper found on manifestation
  - Keywords
6. Authority Records

- Construct to control authorized forms of names and references used as access points (FRAR, FRSAR)
  - Persons
  - Families
  - Corporate bodies
  - Works, expressions, manifestations, items
  - Concepts
  - Objects
  - Events
  - Places
Other IFLA Influences on Codes

- IFLA’s Functional Requirements for Bibliographic Records
- FRBR user tasks
  - Find
  - Identify
  - Select
  - Obtain
Functional Requirements for Bibliographic Records (FRBR)

- Entity-relationship model
  - Entities: Group 1, 2, 3
  - Relationships
  - Attributes

- National level bibliographic record elements (mandatory & optional data)
FRBR Model

- Conceptual model
- Entities, relationships, attributes
- New terminology and approaches to packaging and presenting metadata

Diagram:

- Subject
  - Work
    - Expression
      - Manifestation
        - Item
  - Person
  - Corporate Body
1997 International Conference on the Principles and Future Development of AACR

- Toronto, Canada
- JSC invited worldwide experts
- Issues leading to RDA
- Principles
- Content vs. carrier
- Logical structure of AACR
- Seriality
- Internationalization
RDA is

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

- Multinational **content standard** providing bibliographic description and access for **all** media
- Developed for use in English language communities; it can also be used in other language communities
- Independent of the format (e.g., UNIMARC) used to communicate information
RDA Structure Proposed

- General introduction
- Part I – Resource description
- Part II - Relationships
- Part III – Authority control (Access point control)
- Appendices
  - Capitalization, Numerals, Initial articles, Abbreviations
  - Presentation (ISBD display, OPAC display, etc.)
- Glossary
- Index
RDA General Introduction (Proposed)

- Purpose and scope of the code
- Underlying objectives and principles
- Related standards and guidelines

- Keep brief but possibly with links to full text of the relevant principles and concept documents
RDA - Part I

0. Introduction
1. General guidelines for resource description
2. Identification of the resource
3. Technical description
4. Content description
5. Information on terms of availability
6. Item-specific information
RDA – Part II (Proposal)

- Relationships
  - Works
  - Expressions
  - Manifestations
  - Items
  - Persons
  - Corporate bodies
  - Families

- Citations
  - Works
  - Expressions
  - Manifestations
  - Items

- Simplify choice of primary access point for citations of works
RDA Part III (Proposal)

- Authority control / Access point management
  - General guidelines
  - Authorized forms
    - Persons, Families, Corporate bodies, Places
    - Citations for works, etc.
  - Variant forms
Appendices (Proposal)

- Capitalization
- Numerals
- Initial articles
- Abbreviations
- Presentation of descriptive and authority data
- Glossary
  - Possibly hypertext links from text to glossary terms
- Index
RDA Timeline (Proposal)

- July 2005: Prospectus
- May-Sept. 2006: Part II
- May-Sept. 2007: General Introduction, Appendices, and Glossary
- 2008: Publication (Web and loose-leaf)
Thank you!