# Setting a new standard in Resource Description and Access

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Deutsche Bibliothekartag, June 2008

# Setting a new standard

- Goals for RDA
- Principles and Models
- Structure of RDA
- RDA and other standards
- RDA in the web environment
- RDA developers and Timeline



## Towards RDA

RDA

AACR • 1967 – 1<sup>st</sup> edition • 1978 – 2<sup>nd</sup> edition 1988 – Revised 1998 – Revised 2002 – Revised 2003-2005 – Updates

1997 Conference2003 AACR3 draft2005 Move to RDA

2009 RDA release



### Strategic Plan - Goals for RDA

### RDA as a standard

- Cover all types of resources and content
- Be usable outside the library community
- Be adaptable to languages other than English

### **RDA** data

- Support FRBR and FRAD user tasks
- Be compatible with existing library catalogues
- Be independent of encoding formats



# Principles

### International Cataloguing Principles

- Update of the "Paris Principles"
- Draft now available for comment

RDA Objectives & principles for The design of RDA, and The functionality of records produced using RDA

Need to balance principles

"lical" Dati Basel on Response through 19 Des STATEMENT OF INTERNATIONAL CATALOCUNG PRINCIPLES Berlin apperved by the IFLA Meeting of Experts on an International Cataloguing Code, 1<sup>10</sup>, Tenshberl, Gormany, 2013

Introduction

he Statement of Principles – commonly known as the "Parls Principles" – was approved by the atomational Conference on Cataloguing Principles in 1961. Its goal of newing as a bosis for streaminent anotherization is consulpaing has containly been achieved trans of the cataloguing codes at were developed workhwide since that time fieldswed the Principles arisety or at least to a high degree the time developed workhwide since that time fieldswed the Principles arisety or at least to a high degree at were developed workhwide since that time fieldswed the Principles arisety or at least to a high degree and the since the since the since that time fieldswed the Principles arisety or at least to a high degree and the since the s

Uver farty years later, having a common set of international statioging principles has become even describe as catalogues and their choices use OPAC (Other Peble Access Catalogues) exceed the work). Now, at the beginning of the 21<sup>4</sup> century, as effort has been used by UTA to adapt the Parls Principles to objective that are applicable to estimate througe analogues and beyond. The first of these digetives in to some the conversiones of the users of the catalogue.

These new principles replace and broaden the Paris Principles from just testaal works to all types of materials and from just the choice and form of entry to all aspects of the bibliographic and authority records used in library catalogues.

following draft principles cover

ope attices, Attributes, and Relationships metices of the Catalogue bilographic Description come Points atherity Records

here new principles build on the great cataloguing multitons of the world.<sup>1</sup> and also on the concepts oddle of the IFLA, documentar Functional Requirements for Rhibigenplice Accords (FRRR) and insertional Requirements and Numbering for Authority Records (FRANAR), which estand the Paris interlation is the sense of a balance to begin

It is hoped these principles will increase the international sharing of bibliographic and authority data and guide cataloguing rule makers in their efforts to develop an international outaloguing rocks

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FRBR-FRAD-FRSAR Conceptual Model Bibliographic records, Authority data, Subject records

### Entities Relationships Attributes

What things are important?How do those things relate?What are their characteristics?



#### FRBR/FRAD user tasks

" a structured framework for relating the data recorded in bibliographic (and authority) records to the needs of the users of those records."

# FRBR/FRAD and RDA

FRBR and FRAD (and FRSAR) are reflected in RDA in:

- 1. RDA's scope
- 2. The entities, attributes and relationships described
- 3. RDA's structure
- 4. RDA's terminology
- 5. RDA's core elements



# **Implementation Scenarios**

RDA needs to support:

- The present data stored in bibliographic records, authority records, and holdings records
- The future relational or object-oriented databases
  - Separate records for each entity
  - Links using persistent identifiers

#### http://www.collectionscanada.gc.ca/jsc/docs/5editor2.pdf



### **RDA Structure**

- General Introduction
- Two main parts
  - 1. Attributes of the FRBR entities
  - 2. Relationships between the entities

- A chapter of general instructions for each section
- Chapters associated an FRBR user task



## **Recording Attributes**

1. Manifestation and item

2. Work and expression

3. Person, family, and corporate body

4. Concept, object, event, place



# **Recording Relationships**

Relationships can be recorded using access points, links, and relationship designators.

5: Primary relationships between works, expressions, manifestations, and items

- Work expressed, expression manifested, etc.

6. Relationships to persons, families, and corporate bodies associated with a resource

- Creator/work; Contributor/Expression, etc.

- Role designators - composer, interviewer, etc.

#### 7. Subject relationships



# **Recording Relationships**

- 8. Between works, expressions, manifestations, and items
  - Equivalence, Derivative, Descriptive, Whole-part, Accompanying, Sequential
    - Translation of, Sequel to, etc.
- 9. Between persons, families, and corporate bodies

#### 10. Between concepts, objects, events, and places



# Appendices

- Capitalization, Abbreviations, Initial articles
- Controlled vocabularies, e.g. Relationship designators
- Glossary
- Record syntaxes for descriptive data, and for access point control data
   – ISBD, MARC, Dublin Core, etc.



RDA and the International Standard Bibliographic Description (ISBD)

Standards developed in harmony

RDA will:

- Be a content standard, not a display or encoding standard
- Be independent of the format, medium, or system used to store or communicate the data
- Include an Appendix for mapping to ISBD



# RDA and MARC 21

RDA Appendix for mapping to MARC 21

### MARC 21 Changes

- RDA/MARC Working Group formed
   Proposals due June 2008
- Before RDA's release e.g. new data elements for Content Type, Carrier type, Media type (to replace GMD)
- After RDA's release better representation of works and expressions



### RDA element set

- Clearly defined elements for both attributes and relationships
- Elements can have : Sub-elements and Element sub-types
- **RDA** vocabularies
- Content type, carrier type, media type, relationship designators, encoding formats, etc.

RDA Appendix for mapping to Dublin Core



# RDA and Dublin Core/semantic web

Hosted April 2007 meeting

DCMI/RDA Work Group
– RDA Element Vocabulary
– RDA DC Application Profile
– RDA Value Vocabularies



### Work Plan

- http://dublincore.org/dcmirdataskgroup/



RDA and web resources Better description of resources with multiple characteristics

Improved treatment of online resources

- online resource as a carrier type
- improved technical description
- introduction of persistent identifiers & URLS



## RDA as a web tool

- Search and Browse functionality
- Different views
  - type of description; type of resource; mode of issuance
  - Core elements or full set
- Integration with policies
- Integration with cataloguing systems
- Integration with workflows



### JSC and development team



Tom Delsey, Editor; John Attig, ALA; Hugh Taylor, CILIP; Deirdre Kiorgaard, ACOC/JSC chair; Barbara Tillett, LC; Marg Stewart, CCC; Alan Danskin, BL; Nathalie Schulz, JSC secretary; Marjorie Bloss, RDA project manager

### **RDA** timeline



December 2007: August 2008: Feb. 2009: April 2009: 2009:

Early 2010:

Sections 2-4, 9 Full draft of RDA **RDA** text finalised Release of RDA **Preparation for** implementation Implementation by **JSC** national libraries



# Thank you



### References

- RDA website
   http://www.collectionscanada.ca/jsc/rda.html
- Strategic plan http://www.collectionscanada.ca/jsc/stratplan.html
- RDA Prospectus
   http://www.collectionscanada.gc.ca/jsc/rdaprospectus.html
- Objectives and principles
   http://www.collectionscanada.gc.ca/jsc/docs/5rda-objectivesrev.pdf
- International Cataloguing Principles
   http://www.ifla.org/VII/s13/icc/imeicc-statement\_of\_principles-2008.pdf
- FRBR http://www.ifla.org/VII/s13/frbr/frbr.pdf
- FRAD

http://www.ifla.org/VII/d4/FRANAR-ConceptualModel-2ndReview.pdf

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