

INTRODUCTION TO RDA

Part 1

Emily Dust Nimsakont • Nebraska Library Commission • December 7, 2010

Today's Schedule

- 9:00–9:50
 - Background & History
 - FRBR & FRAD
 - RDA Structure & Elements
- 9:50–10:00 Break
- 10:00–10:50
 - Differences from AACR2
 - Changes to MARC
 - Examples
- 10:50–11:00 Break
- 11:00–12:00
 - RDA Toolkit Demo
 - RDA & Semantic Web/Linked Data
 - What to Do to Get Ready

Handouts

<http://www.nlc.state.ne.us/netserv/training/onlineessions/rda1210/rda.html>

What is RDA?

R | D | A

RESOURCE DESCRIPTION & ACCESS

New cataloging
code to replace
AACR2

RDA is...

Designed to
be used online

A content
standard

A display standard

RDA is not...

An encoding standard

Why is a new cataloging code needed?

Our catalogs are different.

It's not 1978 anymore.

The resources we are describing are different.

We exist in a world of information and data outside of libraries.

Functional
Requirements for
Bibliographic
Records (FRBR)

Functional
Requirements for
Authority Data
(FRAD)

RDA is based on...

Statement of International
Cataloging Principles (ICP)

Who is responsible for the development of RDA?

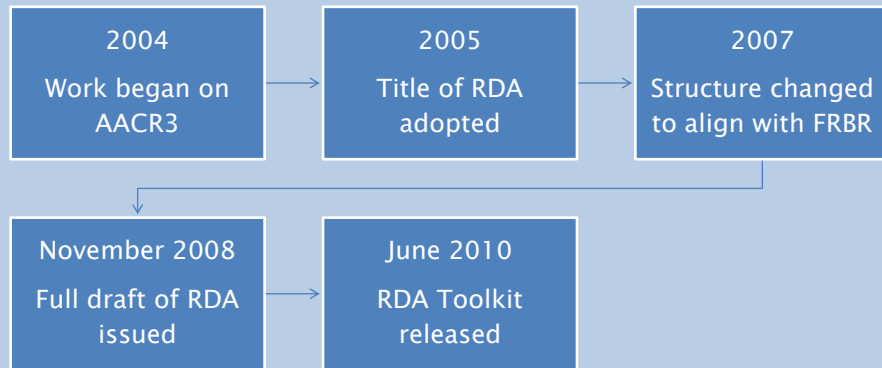
Joint Steering Committee for Development of
RDA (JSC)

consists of representatives from:

- American Library Association
- Australian Committee on Cataloguing
- British Library
- Canadian Committee on Cataloguing
- Chartered Institute of Library and Information Professionals
- Library of Congress

<http://rda-jsc.org/rdafaq.html>

History of RDA



Testing by National Libraries

Library of
Congress
National Library
of Medicine
National
Agricultural
Library

26 selected test partners

<http://www.loc.gov/bibliographic-future/rda/test-partners.html>

Timeline for Testing

June 22, 2010: Public release of RDA Toolkit.

July 1–September 30, 2010: Test partners use this three-month period to become familiar with the content of RDA and with navigating the RDA Toolkit.

October 1–December 31, 2010: Test partners produce records in the test and share them with the US RDA Test Coordinating Committee.

January 1–March 31, 2011: The US RDA Test Coordinating Committee analyzes the results of the test and prepares its report to the management of the three national libraries.

The report will be shared with the US library community.”

<http://www.loc.gov/bibliographic-future/rda/timeline.html>

RDA Toolkit



<http://www.rdatoolkit.org>

RDA Toolkit Subscription Pricing

\$195 per year for solo-user environment

\$325 per year for multi-user environment
(one user at a time)

Additional concurrent users

2-9 concurrent users, \$55 per additional user

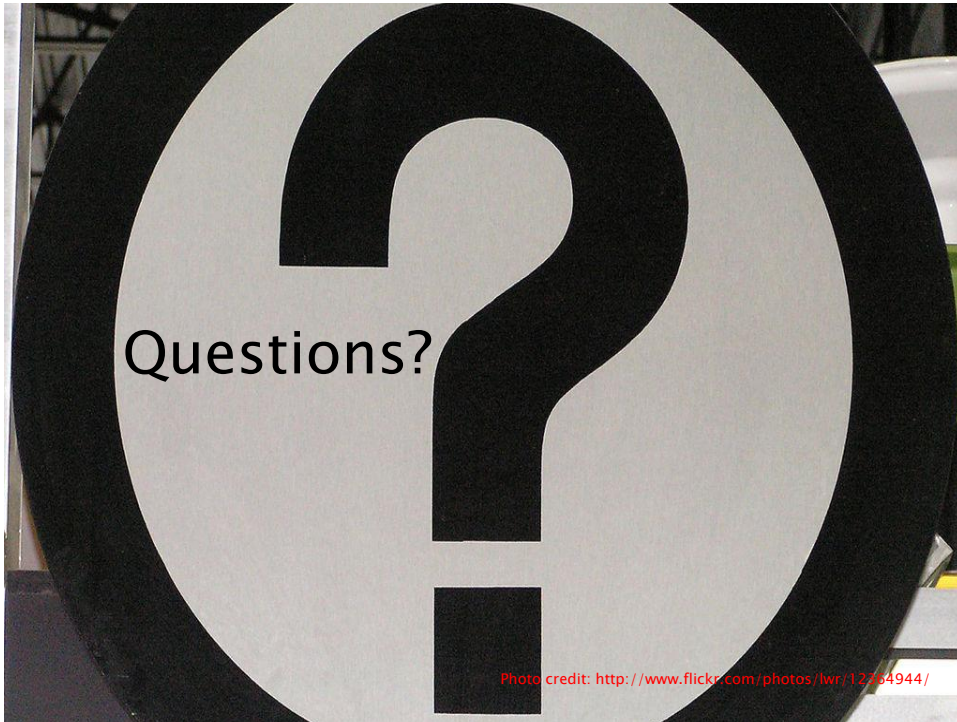
10-19 concurrent users, \$50 per additional
user

20+ concurrent users, \$45 per additional user

RDA in Print

RDA = \$150
(Available for
purchase as of
November 2010)

RDA Element Set
View = \$125
(Will be available in
Spring 2011)



Basics of FRBR

Functional Requirements for
Bibliographic Records

FRBR is a conceptual model developed
by the International Federation of
Library Associations and Institutions
(IFLA)

Entity–Relationship Model

Entity–Relationship Models are used by
other metadata and data modeling
communities

Example: CIDOC

model used by International Council of
Museums for museum documentation

Entity–Relationship Model

Entities

Attributes

Relationships

Entity–Relationship Model

- Entities – things which can be uniquely identified
- Attributes
- Relationships

Entity–Relationship Model

Entities – things which can be uniquely identified

Attributes – characteristics of entities

Relationships

Entity–Relationship Model

Entities – things which can be uniquely identified

Attributes – characteristics of entities

Relationships – links between entities

FRBR Entities

- Group 1
 - Entities that are products of intellectual or artistic endeavor
 - Work, Expression, Manifestation, Item
- Group 2
 - Entities responsible for intellectual or artistic endeavor
 - Person, Family, Corporate Body
- Group 3
 - Entities that are subjects of intellectual or artistic endeavor
 - Concept, Object, Event, Place + Group 1 and Group 2 entities

Entities

- Group 1
 - Work
 - “a distinct intellectual or artistic creation”
 - the idea of this creation
 - not actually represented in a physical form



Photo credit: <http://www.flickr.com/photos/escapist/730800562/>

Entities

- Group 1
 - Expression
 - “the intellectual or artistic realization of a work”
 - still an abstract concept



Photo credit: <http://www.flickr.com/photos/dbdbrobot/140068142/>

Entities

- Group 1
 - Manifestation
 - “the physical embodiment of an expression of a work”
 - representation of a set of items with the same physical characteristics



Photo credit: <http://www.flickr.com/photos/heidigoseek/115581765/>

Entities

- Group 1
 - Item
 - “a single exemplar of a manifestation”
 - one physical copy of a book

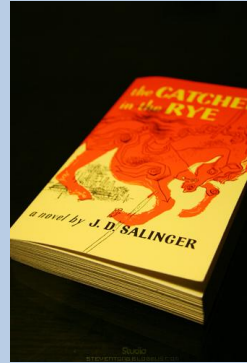


Photo credit: <http://www.flickr.com/photos/steventong/3556248355/>

Attributes

Examples of Attributes:

work: medium of performance

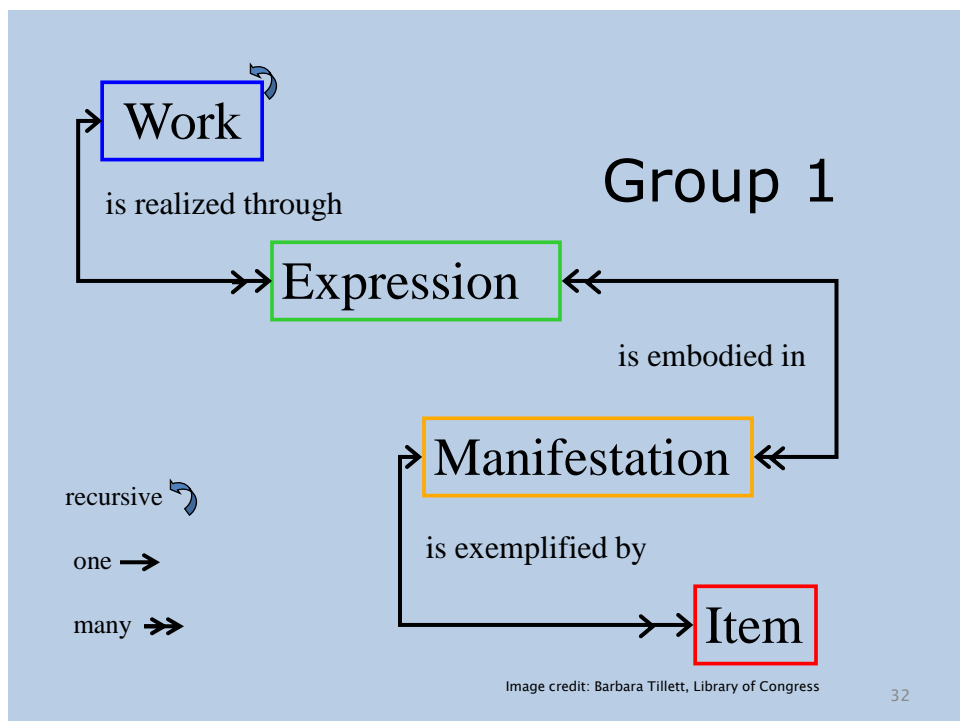
expression: language of the expression

manifestation: publisher

item: inscriptions

Relationships

FRBR is based on relationships between entities, both those in different groups and those in the same group



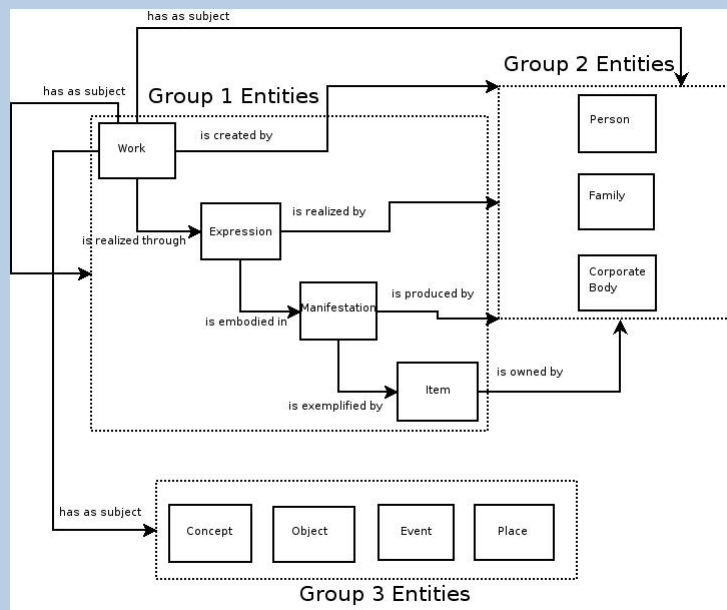


Image credit: <http://www.frbr.org/2006/02/25/more-relationships-between-groups>

FRBR is based on user tasks

Users want to:

- “**find** entities that correspond to the user's search criteria”
- “**identify** an entity (i.e., to confirm that the entity described corresponds to the entity sought, or to distinguish between two or more entities with similar characteristics)”

FRBR is based on user tasks

Users want to:

- “**select** an entity that is appropriate to the user's needs (i.e., to choose an entity that meets the user's requirements with respect to content, physical format, etc....)”
- “**obtain** access to the entity described (i.e. to acquire an entity through purchase, loan, etc., or to access an entity electronically...)”

FRBR is based on user tasks

Find

Identify

Select

Obtain

Basics of FRAD

Functional Requirements for Authority Data

Like FRBR, FRAD is:

- A conceptual model developed by the International Federation of Library Associations and Institutions (IFLA)
- An entity–relationship model
- Based on user tasks

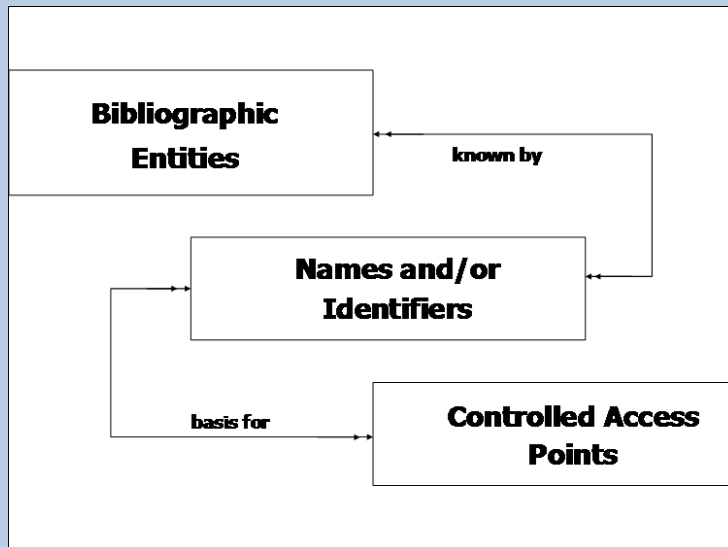
Entities

- Same bibliographic entities from FRBR (Groups 1, 2, and 3)
- Other authority entities that refer to the FRBR entities

Authority Entities

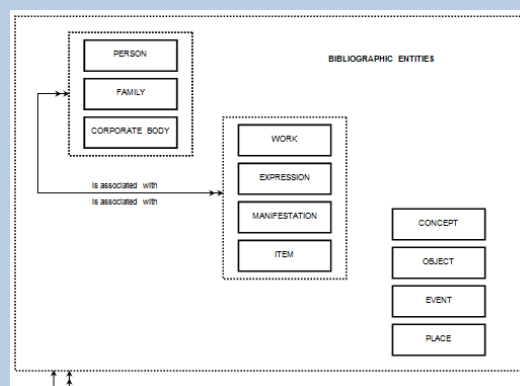
- Name
- Identifier
- Controlled access point

Relationships



<http://www.gordondunsire.com/pubs/docs/FRdiagrams.pdf>

Relationships



<http://www.gordondunsire.com/pubs/docs/FRdiagrams.pdf>

FRAD user tasks are slightly different

Users want to:

- “**find** entities corresponding to stated criteria”
- “**identify** an entity as being the one sought (or validate the form of name to be used for a controlled access point)”

FRAD user tasks are slightly different

Users want to:

- “**contextualize** (or place a person, corporate body, etc., in context – clarify the relationship between two or more of them)”
- “**justify** the authority data creator’s reason for choosing the name or form of name on which an access point is based”

FRBR & FRAD in RDA

RDA Structure – Recording **Attributes**

Section 1 – Recording Attributes of **Manifestation** and **Item**

Section 2 – Recording Attributes of **Work** and **Expression**

Section 3 – Recording Attributes of **Person**, **Family**, and **Corporate Body**

Section 4 – Recording Attributes of **Concept**, **Object**, **Event**, and **Place**

FRBR & FRAD in RDA

RDA Structure – Recording **Relationships**

Section 5 – Recording Primary Relationships Between a **Work**, **Expression**, **Manifestation**, and **Item**

Section 6 – Recording Relationships to **Persons**, **Families**, and **Corporate Bodies** Associated with a Resource

Section 7 – Recording Subject Relationships

Section 8 – Recording Relationships Between **Works**, **Expressions**, **Manifestations** and **Items**

Section 9 – Recording Relationships Between **Persons**, **Families**, and **Corporate Bodies**

Section 10 – Recording Relationships Between **Concepts**, **Objects**, **Events**, and **Places**

FRBR & FRAD in RDA

“... if necessary for
identification...”

User tasks are mentioned frequently

“...if they are considered
important for
identification or
selection...”



RDA Structure: Not what we're used to

RDA “is not a linear narrative for bibliographic and authority record construction.”

Mark Ehlert

“RDA: What It Is, and What It Means to You”
August 27, 2010

“RDA is not about creating records. RDA instructions are about data...”

Chris Oliver

Introducing RDA: A Guide to the Basics
American Library Association,
2010

RDA Structure

RDA is not arranged by type of material

RDA assumes that the process for most types of items is the same, and then there are some additions for particular types of materials

RDA Structure

“Transcribe... constructed in
1.1D.”

“Record... statements
instructions in 1.6.”

“In making... instructions
in 1.7A.”

RDA Structure

Recording Attributes

Section 1 – Recording Attributes of
Manifestation and Item

Section 2 – Recording Attributes of Work
and Expression

Section 3 – Recording Attributes of Person,
Family, and Corporate Body

Section 4 – Recording Attributes of
Concept, Object, Event, and Place

RDA Structure

- Recording Relationships
 - Section 5 – Recording Primary Relationships Between a Work, Expression, Manifestation, and Item
 - Section 6 – Recording Relationships to Persons, Families, and Corporate Bodies Associated with a Resource
 - Section 7 – Recording Subject Relationships
 - Section 8 – Recording Relationships Between Works, Expressions, Manifestations and Items
 - Section 9 – Recording Relationships Between Persons, Families, and Corporate Bodies
 - Section 10 – Recording Relationships Between Concepts, Objects, Events, and Places

RDA Structure

Appendices

- A. Capitalization
- B. Abbreviations
- C. Initial Articles
- D. Record Syntaxes for Descriptive Data
- E. Record Syntaxes for Access Point Control
- F. Additional Instructions on Names of Persons
- G. Titles of Nobility, Terms of Rank, Etc.
- H. Dates in the Christian Calendar
- I, J, K, and L. Relationship Designators

RDA TOOLKIT
RESOURCE DESCRIPTION & ACCESS

RDA TOOLS RESOURCES

- RDA

- + 0: Introduction
- Recording Attributes of ...
 - + Section 1: Manifestation & Item
 - + Section 2: Work & Expression
 - + Section 3: Person, Family, & Corporate Body
 - + Section 4: Concept, Object, Event & Place
- Recording Primary Relationships ...
 - + Section 5: Between Work, Expression, Manifestation, & Item
- Recording Relationships to ...
 - + Section 6: Persons, Families, & Corporate Bodies
 - + Section 7: Concepts, Objects, Events, & Places
- Recording Relationships between ...
 - + Section 8: Works, Expressions, Manifestations, & Items
 - + Section 9: Persons, Families, & Corporate Bodies
 - + Section 10: Concepts, Objects, Events, & Places
- + Appendices
- + Glossary

RDA TOOLKIT
RESOURCE DESCRIPTION & ACCESS

RDA TOOLS RESOURCES

- RDA

- + 0: Introduction
- Recording Attributes of ...
 - Section 1: Manifestation & Item
 - + 1: General Guidelines on Recording Attributes of Manifestations and Items
 - 2: Identifying Manifestations and Items
 - 2.0 Purpose and Scope
 - + 2.1 Basis for Identification of the Resource
 - + 2.2 Sources of Information
 - 2.3 Title
 - + 2.4 Statement of Responsibility
 - + 2.5 Edition Statement
 - + 2.6 Numbering of Serials
 - + 2.7 Production Statement
 - + 2.8 Publication Statement
 - + 2.9 Distribution Statement
 - 2.10 Manufacture Statement
 - + 2.11 Copyright Date
 - + 2.12 Series Statement
 - + 2.13 Media of Accession
 - + 2.14 Frequency
 - + 2.15 Identifier for the Manifestation
 - + 2.16 Preferred Citation
 - + 2.17 Custodial History of Item
 - + 2.18 Immediate Source of Acquisition of Item
 - + 2.19 Identifier for the Item
 - + 2.20 Note

RDA Elements

- Elements are pieces of bibliographic data
- RDA has core elements, core-if elements, and other elements

RDA Elements

Definition of element in RDA:

“A word, character, or group of words and/or characters representing a distinct unit of bibliographic information”

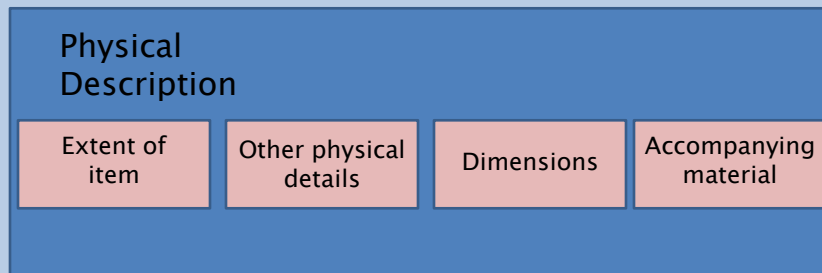
RDA Elements

Definition of element in AACR2:

“A word, phrase, or group of characters representing a distinct unit of bibliographic information **and forming part of an area of the description.**”

Chris Oliver, *RDA: Designed for Current and Future Environments*, November 10, 2010

Elements AACR2 vs. RDA



Elements AACR2 vs. RDA

AACR2 = elements can have multiple types of data

RDA = one type of data per element

Elements AACR2 vs. RDA

AACR2: date of publication, distribution, etc.

MARC 21: 260 \$c

RDA: 4 different elements

- date of production
- date of publication
- date of distribution
- copyright date

Elements AACR2 vs. RDA

other physical
details
MARC 300 \$b

illustrative content
encoding format
production method
sound content
applied material
base material
reduction ratio

Chris Oliver, *RDA: Designed for Current and Future Environments*, November 10, 2010

Core Elements for Work

Title of the work

Core Relationships for a Work

Creator
Other Person, Family, or Corporate Body
Associated with a Work

Core Elements for Expression

Language of expression
Content type

Core Elements for Manifestation

Title
Statement of responsibility
Edition statement
Publication statement
Carrier type
Numbering of serials
Identifier for the manifestation
Series statement

Core Elements for Item

None

WEMI in a Bibliographic Record

Work

100 1_ \$a Dickens, Charles, \$d 1812–
1870.

240 10 \$a Martin Chuzzlewit

WEMI in a Bibliographic Record

Expression

Lang: eng

336 __ \$a text \$b txt \$2 rdacontent

WEMI in a Bibliographic Record

Manifestation

020 __ \$a 0140436146

245 14 \$a The life and adventures of Martin
Chuzzlewit / \$c Charles Dickens ; edited with an
introduction and notes by Patricia Ingham.

260 __ \$a London ; \$a New York : \$b Penguin
Books, \$c 1999.

300 __ \$a xxxiii, 825 pages ; \$c 20 cm.

338 __ \$a volume \$b nc \$2 rdacarrier

490 1_ \$a Penguin classics

700 1_ \$a Ingham, Patricia.

WEMI in a Bibliographic Record

Item

852 01 \$a NLC \$c LC \$h PR4563.A2 I54
1999

