Mapping RDA to MARC 21

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Development of RDA

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RDA – Quick facts

- Content standard
- Aligned with FRBR and FRAD conceptual models
- Element set is compatible with MARC 21 element set
- Independent of the format, medium or system used to store or communicate data

MARC 21 – Quick facts

- Standard for the communication of data in encoded form

- Element set is compatible with ISBD/AACR2 elements

- Independent of the storage or display of data

- Not tied to any one content standard

Mapping MARC 21 to RDA

☐ Began in late 2006

☐ Additions to RDA based on MARC 21 elements

- ■ Scale of graphic content (Field 507)
- ■ Date/Time and Place of an Event (Field 518)
- ■ Preferred citations (Field 524)

MARC to RDA Mapping: Some Observations

245 Title statement

$a Title	2.3.2 Title proper
$b Remainder of title	2.3.3 Parallel title
	2.3.4 Other title information
	2.3.5 Parallel other title information
$c Statement of responsibility, etc.	2.4.2 Statement of responsibility relating to title
$f Inclusive dates	N/A
$g Bulk dates	N/A
$h Medium	N/A
$k Form	N/A
$n Number of part/section of a work	2.3.2 Title proper
$p Name of part/section of a work	2.3.2 Title proper
$s Version	N/A

300 Physical description

$a Extent	3.4 Extent
$b Other physical details	3.6 Base material
	3.7 Applied material
	3.8 Mount
	3.9 Production method
	3.11 Layout
	3.14 Polarity
	3.15 Reduction ratio
	3.16 Sound characteristics
	7.15 Illustrative content
	7.17 Colour content
	7.18 Sound content
$c Dimensions	3.5 Dimensions
	3.12 Book format
$e Accompanying material	27.1 Related manifestation
$f Type of unit	N/A
$g Size of unit	3.5 Dimensions

500 General note

$a General note

……

3.6 Base material

3.7 Applied material

3.8 Mount

3.9 Production method

...

3.11 Layout

3.12 Book format

...

3.14 Polarity

3.15 Reduction ratio

3.16 Sound characteristics

...

7.15 Illustrative content

...

7.17 Colour content

...

RDA/MARC Working Group

- Formed in March 2008
- Develop proposals for changes to the MARC 21 formats to accommodate RDA
- Membership – LC, LAC, BL, DNB, OCLC, VTLS, ALA, JSC

Working Principles

- ☐ MARC 21
  - ■ needs to maintain neutrality and flexibility concerning which types of records (authority, bibliographic, or holdings) map to which FRBR entities
  - ■ needs to be neutral and flexible with respect to database designs that ingest MARC data
  - ■ should support enterprise (internal) use of any of flat-file, linked authority and bibliographic and relational /object oriented database structures

Working principles

- ☐ MARC 21
  - ■ Will support the granularity of RDA data *following assessment of benefits for end-user and consideration of cost implications*

Coded values

- Close compatibility between MARC and RDA vocabularies

- Some extensions made to 007, 008 to accommodate RDA terms

- Most RDA controlled vocabularies are open – if no corresponding code, encoded in variable field (e.g., 300 $b)

Approved changes to MARC 21

- ☐ RDA element
  - ■ Content type
  - ■ Media type
  - ■ Carrier type

- ☐ New MARC 21 field
  - ■ Field 336
  - ■ Field 337
  - ■ Field 338
    - ☐ Subfield $a: Terms
    - ☐ Subfield $b: Codes

Example – Dual disc (audio CD on one side and video DVD on the other side) with lyrics on container insert

110 2# $a System of a Down (Musical group)

245 10 $a Hypnotize / **$c** System of a Down

336 ## $a performed music **$2** rdacontent

336 ## $a two-dimensional moving image **$2** rdacontent

336 ## $3 liner notes **$a** text **$2** rdacontent

337 ## $a audio **$2** rdamedia

337 ## $a video **$2** rdamedia

337 ## $3 liner notes **$a** unmediated **$2** rdamedia

338 ## $a audio disc **$ 2** rdacarrier

338 ## $a video disc **$2** rdacarrier

338 ## $3 liner notes **$a** sheet **$2** rdacarrier

Changes to MARC 21 Authority

- RDA element

  - Date of birth
  - Date of death
  - Period of activity

  - Date of establishment
  - Date of termination
  - Date associated with a family

- New field – 046 Special coded dates

  - $f Birth date
  - $g Death date
  - $o Start period, $p End period
  - $o Start period
  - $p End period
  - $o Start period, $p End period

Changes to MARC 21 Authority

- □ RDA Element
  - ■ Place of birth
  - ■ Place of death
  - ■ Country assoc. with person
  - ■ Place of residence
  - ■ Place assoc. with corporate body
  - ■ Place assoc. with family
  - ■ Place of origin of the work

- □ New field – 621 Associated Place
  - ■ $a Place of birth
  - ■ $b Place of death
  - ■ $c Associated country
  - ■ $e Place of residence /Location of headquarters
  - ■ $g Place of origin of work

Changes to MARC 21 Authority

- □ RDA Element
  - ■ Address of person
  - ■ Address of corporate body
  - ■ Language of person
  - ■ Language of corporate body
  - ■ Field of activity
  - ■ Affiliation
  - ■ Occupation
  - ■ Gender
  - ■ Family information

- □ New fields
  - ■ 622 – Address
  - ■ 622 – Address
  - ■ 628 – Associated language
  - ■ 623 – Field of activity
  - ■ 624 – Affiliation
  - ■ 625 – Occupation
  - ■ 626 – Gender
  - ■ 627 – Family information

FRBR

- Identifying work, expression, and manifestation records in MARC 21
  - Extension of 2005 MARBI report
  - Proposed field 883 – Entity type
    - $a – Terms: work, expression, manifestation, item
    - $b – Primary entity type code: w,e,m,i

FRBR

- Goal: to encourage experimentation
- But ...
  - Considered confusing in current environment of linked bibliographic and authority records
  - Can identify FRBR entities via existing content designation
  - Today's experimentation will inform future direction

Current activity: Discussion papers – July 2009

- URIs for controlled values – MARC 21 (2709) or MARC XML?
- Relationship designators
  - For Group 1 entities
  - For Group 2 entities
- Enhancing 033 and 518 for Place and Date of Capture
- Accommodating attributes for works and expressions

RDA Timeline

- ☐ 1st release
- ☐ Testing/planning for implementation
- ☐ Implementation

- ☐ 4th quarter of 2009
- ☐ First 6-9 months: 2010
- ☐ Late 2010

Thank you