RDA and MARC 21 Development

Report to EURIG Meeting,

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Overview

MARC RDA Working Group:

- Charge
- Schedule
- Membership
- Focus
- Progress since September 2021
- Wider Community Engagement
- Learning points
MARC RDA Working Group (Charge)

- Evaluate the scope and impact of the extensions to RDA arising from the RDA 2019 revision in relation to MARC 21

- Identify and prioritize possible changes to MARC 21 to support compatibility with the RDA extensions and ensure effective data exchange into the future

- Prepare discussion papers and proposals for the MARC Advisory Committee
MARC RDA Working Group (Schedule 1)

- **December 2019**: Preparation of initial discussion papers.
- **January 2020**: MAC Midwinter meeting, where discussion papers will be considered.
- **January – April 2020**: Working group meetings.
- **April – June 2020**: Preparation of proposals and discussion papers.
- **June 2020**: MAC Annual meeting; consideration of proposals and discussion papers.
- **July – October 2020**: Working group meetings.
- **November – December 2020**: Preparation of remaining proposals.
- **January 2021**: MAC Midwinter meeting; consideration of proposals.
MARC RDA Working Group (Schedule 2)

- **February – April 2021**: Working group meetings.
- **April – June 2021**: Preparation of proposals and discussion papers.
- **June 2021**: MAC Annual meeting; consideration of proposals and discussion papers.
- **August – October 2021**: Working group meetings.
- **November – December 2021**: preparation of remaining proposals.
- **January 2022**: MAC Midwinter meeting; consideration of proposals.
MARC RDA Working Group (Membership 1)

RSC

Charlene Chou – New York University, Division of Libraries, New York (RSC Wider Community Engagement Officer)

NDMSO

Sally McCallum – NDMSO Chief, Library of Congress
MARC RDA Working Group (Membership 2)

MARC Steering Group

Thurstan Young – British Library

John Zagas – Library of Congress

Reinhold Heuvelmann – Deutsche Nationalbibliothek

Bill Leonard – Library and Archives Canada

Hong Cui – Library and Archives Canada
MARC RDA Working Group (Membership 3)

Vendors

Wayne Schneider – Indexdata

Jay Weitz - OCLC
MARC RDA Working Group (Membership 4)

Specialists

Catherine Gerhart – Audiovisual specialist (MAC Chair)

Susan Moore – Cartographic specialist (MAGIRT rep to MAC)

Karen Peters – Music specialist (MLA rep to MAC)

Tina Shrader – Serials specialist

Jackie Parascandola – Rare books and manuscripts specialist
MARC RDA Working Group (Focus)

- New RDA entities, concepts and vocabularies encoding schemes
- Choice of format to implement change
- Granularity and consistency of change
- Feasibility and utility of change
New RDA Entities

- RDA Entity
- Nomen
- Agent
- Collective Agent
- Place
- Timespan
New RDA Concepts

• Manifestation Statements
• Representative Expressions
• Diachronic Works
• Data Provenance
New RDA Vocabulary Encoding Schemes

- RDA CarrierExtent Unit
- RDA Extension Plan
- RDA Recording Sources
- RDA Type of Binding
Existing RDA Vocabulary Encoding Schemes

- RDA Mode of Issuance
- RDA Aspect Ratio Designation
- RDA Illustrative Content
- RDA Sound Content
- RDA Form of Musical Notation
Choice of Format in MARC 21

- Authority?
- Bibliographic?
- Other?
Granularity and Consistency in MARC 21

- Scope for granularity of coding:
  - record level?
  - field level?

- Scope for consistency of coding:
  - equivalent field by field?
  - equivalent format by format?
Feasibility and Utility in MARC 21

- Possibility of change within:
  - format constraints? (i.e. available coding)
  - existing record models? (e.g. NACO, BIBCO, PN)

- Helpfulness of change to:
  - end users? (e.g. researchers, programmers, etc.)
  - collection management? (e.g. inventory control, workflow efficiency, etc.)
MARC RDA Working Group (Progress 1)

- MARC Update 31 (December 2020)
  - Manifestation Statements: Field 881 (Bibliographic format)
  - Extension Plan: Field 335 (Bibliographic and Authority formats)
- MARC Updates 32 and 33 (June and December 2021)
  - Mode of Issuance: Field 334 (Bibliographic format)
  - Type of Binding: Field 340 $l (Bibliographic format)
MARC RDA Working Group (Progress 2)

• MARC Update 34 (June 2022)
  • Data provenance:
    • Subfield $7 and others by exception (Bibliographic and Authority formats)
    • Code lists: Categories and Subfield relationships
  • Representative expressions: Field 387 and others by exception (Bibliographic and Authority formats)
  • Scale: Change to Field 507 Definition and scope (Bibliographic format)
Manifestation Statement (881) Example

Extension Plan (335) Examples

335 \textit{$a$} static plan $2$ rdaep

335 \textit{$a$} successive indeterminate plan $2$ rdaep

335 \textit{$a$} successive determinate plan $2$ rdaep

335 \textit{$a$} integrating indeterminate plan $2$ rdaep

335 \textit{$a$} integrating determinate plan $2$ rdaep
Mode of Issuance (334) Examples

334 $a single unit $2 rdami

334 $a multiple unit $2 rdami
Type of binding (340 $l$) Examples

340 $l$ case binding $2$ rdatb
340 $l$ perfect binding $2$ rdatb
340 $l$ closed ring binding $2$ rdatb
340 $l$ open ring binding $2$ rdatb
340 $l$ spiral binding $2$ rdatb
Data Provenance (Subfield $7 and Category/Subfield Relationship Code Lists) Example

100 1# $a Zweig, Stefan $d 1881-1942
400 1# $a צויג, סטפן, $d 1881-1942 $7 (dpes/dpsfa) Hebrew
400 1# $a Цвейг, Стефан, $d 1881-1942 $7 (dpes/dpsfa) Cyrillic
$7 (dpeloe/dpsfa) Russian
551 ## $0 (DE-101)040221539 $0 (DE-588)4022153-2
   $a Großbritannien $4 ortx $wr $i Exil $7 (dpertow/dpsfi) 1934
Representative Expression Characteristics (Field 387) Example

100 2# $a Tomasi di Lampedusa, Giuseppe, $d 1896-1957.
245 13 $a Il gattopardo / $c Giuseppe Tomasi di Lampedusa.
250 $a Ed. speciale.
260 $a Milano : $b Club degli editori, $c c1969.
300 ## $a xi, 261 p. ; $c 21 cm.
387 ## $e 1969
500 $a Originally published: Feltrinelli, c1958.
Scale (Field 507) Example

245 00 $a Australian National University : $b University House
site levels.
507 ## $a Scale 40 feet to 1 inch.
Wider Community Engagement (Progress 1)

- MARC Update 31 (December 2020)
  - Aspect Ratio Designation: 345 $d (Bibliographic format)
  - Illustrative Content: 340 $p (Bibliographic format)

- MARC Update 32 (June 2021)
  - Sound Content: 344 $i (Bibliographic format)
  - Form of Musical Notation: 348 $c (Bibliographic format)
Wider Community Engagement (Progress 2)

- MARC Update 34 (June 2022)
  - Reduction ratio designator : 340 $q (Bibliographic format)
  - Agent relationships : 373 $i / $4 (Authority format)
Aspect Ratio Designation (345 $d$) Examples

345 $d$ full screen $2$ rdaar

345 $d$ wide screen $2$ rdaar

345 $d$ mixed aspect ratio $2$ rdaar
Illustrative Content (340 $p) Examples

340 $p illustration $2 rdaill

340 $p portrait $2 rdaill

345 $p map $2 rdaill
Sound Content (344 $i) Examples

344 $i silent $2 rdasco

344 $i sound $2 rdasco
Form of Musical Notation (348 $c$) Examples

348 $c$ score $2$ rdafmn

348 $c$ staff notation $2$ rdafmn
Reduction Ratio Designation (340 $q$) Examples

340 $q$ high reduction $2 \downarrow$

340 $q$ low reduction $2 \downarrow$
Agent Relationships (373 $i / $4) Example

100 1# $a Brommel, Angela M., $d 1975-
373 ## $i Graduate of: $a Antioch University Los Angeles
   $4 http://rdaregistry.info/Elements/a/P50253
Summary of Achievements 2019-2022

• New MARC 21 fields in support of RDA: 4
• New MARC 21 subfields in support of RDA: 159*
• New MARC 21 code lists in support of RDA: 2
• New MARC 21 codes in support of RDA: 47**

*Includes 151 instances in support of recording data provenance
**Includes 43 instances in support of recording data provenance
Outstanding Issues

- RDA Entity
- Nomen: further develop instructions (RSC Action Plan 2021-3)
- Agent
- Collective Agent: create a working group (RSC Action Plan 2021-3)
- Place: create a working group (RSC Action Plan 2021-3)
- Timespan: further develop instructions (RSC Action Plan 2021-3)
Learning Points (1)

• New coding not mandatory to implementation of RDA

• RSC liaison to provide advice and assistance

• Feedback from MAC may contribute to RDA developments

• RDA will not adapt to MARC 21 record structures if these break its relationships to the LRM
Learning Points (2)

- Structural change vs Minimal disruption
- Closed vs Open world application
- RDA constraints vs Community preference
- Coding in principle vs Implementation in practice
- Legacy requirement vs anticipated benefit
Learning Points (3)

• No Discussion Papers / Proposals planned by MARC / RDA Working Group for June 2022 MAC meetings

• RSC will not recommend any changes to MARC 21 itself:
  • RDA is neutral of any single encoding standard
  • Developments in support of RDA must come from the community

• MARC / RDA Working Group is not an open ended commitment for NDMSO or its other participants:
  • MRWG’s most recent schedule of work concluded January 2022
  • Further RDA–related changes may be proposed by individual MARC 21 constituencies
Thank you!

Thurstan Young

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