

# 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 Carrier Extent 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 \$I (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

**881 ## \$c** CROSSING THE CHASM Marketing and Selling Disruptive Products to Mainstream Customers Geoffrey A. Moore **\$d** THIRD EDITION **\$f** HARPER BUSINESS An Imprint of HarperCollinsPublishers 2014 **\$i** Copyright © 1991, 1999, 2002, 2014 by Geoffrey A. Moore **\$e** Printed in the United States of America **\$a** Originally published in hardcover in 1991 by HarperBusiness, an imprint of HarperCollins Publishers. **\$b** ISBN: 978-0-06-229298-8 **\$a** USA \$19.99 **\$I** A BUSINESSWEEK BESTSELLER

# Extension Plan (335) Examples

**335**     **\$a** static plan \$2 rdaep

**335**     **\$a** successive indeterminate plan \$2 rdaep

**335**     **\$a** successive determinate plan \$2 rdaep

**335**     **\$a** integrating indeterminate plan \$2 rdaep

**335**     **\$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 \$I) Examples

- 340 \$I case binding \$2 rdatb**
- 340 \$I perfect binding \$2 rdatb**
- 340 \$I closed ring binding \$2 rdatb**
- 340 \$I open ring binding \$2 rdatb**
- 340 \$I 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 לייב , שטיב , \$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 rdarr**

340 **\$q low reduction \$2 rdarr**

# 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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