3R Project

RDA Toolkit Restructure and Redesign Project

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Reconstructing RDA in the LRM (RDA Steering Committee) – 16 May 2017
Why?

• Restructuring of RDA as part of implementing the IFLA Library Reference Model (LRM)
  • Consolidation of FRBR, FRAD, and FRSAD conceptual models

• Clear need for a redesign of Toolkit and workflow processes
  • Time for better, smarter design
  • With more translations and policy statements to come, the current data structure is not sustainable
  • Current tools and practices are inefficient and unreliable
Goals of 3R Project

Significantly improve RDA and RDA Toolkit in order to...

• better meet the needs of users and be a more productive part of their work

• add greater flexibility and utility to the Toolkit's display of instructions and RDA-related documents

• provide efficient and reliable work processes and tools for authoring groups
Three areas by three groups

• Restructure of data and work processes (Dakota Systems)

• Redesign of Toolkit and user experience (GVPi)

• RDA and RDA Reference content (RSC)
Restructure of data and work processes

• RDA repository
  • DITA conversion
  • Chunking of data
  • New/different metadata for searching
• New mapping solution
• New revision history solution
• Trados software
• Search via existing instruction number
Redesign of Toolkit and user experience

• Responsive design

• W3C’s Web Content Accessibility Guidelines

• Entity view navigation and display

• Toolkit navigation
Redesign of Toolkit and user experience

• Update user content (workflows) creation tools

• New instruction views based on special areas (e.g. music, rare materials)

• Display of glossary definitions, examples, policy statements, revision history, bookmarks, etc.
RDA and RDA Reference content (RSC)

• Make revisions required by LRM

• Extend “4-Fold Path” for data capture and format

• Define RDA Element Set and components for Entity View
Pre-project changes to RDA content in Toolkit

- Synchronization between OMR and Toolkit
  - Supplying content for Toolkit glossary, “scope” instructions, appendices I-K, and controlled vocabulary lists

- Replacing “person, family, and corporate body” with “agent”

- Replacing “resource” with specific entity in the WEMI stack

- Referring to elements with indefinite, rather than definite, article (e.g., a title proper, a preferred name) & deleting articles within names of elements in English
RDA Reference: data maintenance
Entities, element sets, value vocabularies

RDA editors: Secretary Translators

Open Metadata Registry RDA/RDF

Developers

RDA Vocabularies (GitHub)

Developers

RDA Toolkit content

Cataloguers

RIMMF3 data editor

Trainers; Prototypers

RDA Vocabulary Server

Applications

RDA Registry

Developers

Atomic audit trail
Deprecation policy
Semantic versioning: Application roll-back
Structure of RDA content in the 2018 Toolkit

• General chapters: type of description, sources of information, 4-fold path, aggregates, provenance and meta-elements, relationships, fictitious entities, etc.

• Entity chapters: work, expression, manifestation, item, agent, person, collective agent, family, corporate body, place, time-span, nomen

• Final order of chapters later this year
Revisions related to 4-fold path

1. Unstructured description (e.g., transcription, free text note)

2. Structured description (e.g., an access point)

3. Identifier (i.e., a string)

4. IRI for the entity for linked data applications

• Extend to all elements but some paths may not apply
Implementing Library Reference Model (LRM)

• Simpler conceptual model, allowing those implementing LRM to develop extensions of the model

• New entities:
  • Res [likely not being implemented in RDA]
  • Nomen
  • Agent
  • Collective agent
  • Place
  • Time-span
(Many) additional elements

• Attributes of new LRM entities (agent, collective agent, nomen, place, time-span): e.g., name of _____, identifier for _____

• New elements in LRM: e.g., manifestation statement

• “Missing” elements in RDA: e.g., thematic index number, fingerprint

• Elements for unmediated transcription (machine processing)
A “chunk” for each element’s instructions

• Content supplied from OMR

• Boilerplate wording to make editing easier

• Links to related elements (more general and more specific)

• Links to topics in general chapters

• New numbering system for instructions not yet determined
Examples

• Each of the 4-fold paths as appropriate

• More context

• Improved display

• Ability to set preferences
  • For seeing/not seeing examples
  • For types of examples
For more info ...

• Open Metadata Registry:
  • http://metadataregistry.org/

• RDA Vocabularies (GitHub):
  • https://github.com/RDARegistry/RDA-Vocabularies

• RDA Registry:
  • http://www.rdaregistry.info/#

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