

3R Project

RDA Toolkit Restructure and Redesign Project

James Hennelly, Managing Editor of RDA Toolkit
Judy Kuhagen, 3R Project Consultant

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

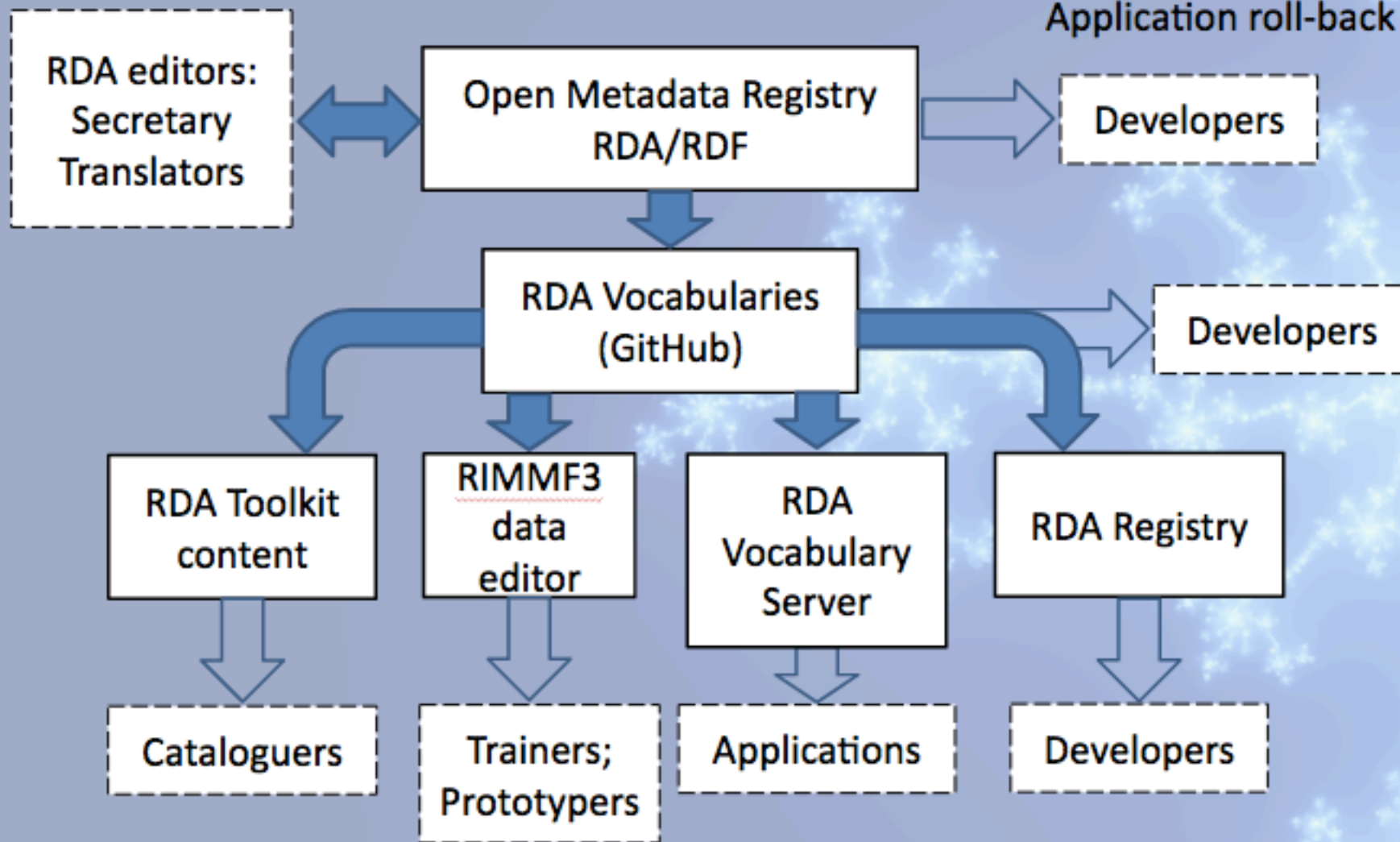
- Synchronization between OMR and Toolkit
 - Supplying content for Toolkit glossary, “scope” instructions, appendices I-K, and controlled vocabulary lists
- Replacing “person, family, and corporate body” with “agent”
- Replacing “resource” with specific entity in the WEMI stack
- Referring to elements 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

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/#>

jhennelly@rdatoolkit.org
3Reditor@rdatoolkit.org