

RDA DEVELOPMENTS OF NOTE

PRESENTED TO CC:DA
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JANUARY 21, 2017

SYNCHRONIZING THE OPEN METADATA REGISTRY AND THE RDA TOOLKIT

OPEN METADATA REGISTRY & RDA

For RDA, the OMR contains

- RDA Reference – data stored in RDF
 - Labels, definitions, and scope notes of:
 - RDA entities
 - RDA relationship elements and designators
 - RDA attribute elements
 - RDA meta (provenance) elements
 - RDA vocabulary encoding schemes
 - RDA terms used in guidance and instructions
 - Used in several RDA services, not just the Toolkit
 - Has open CC0 license

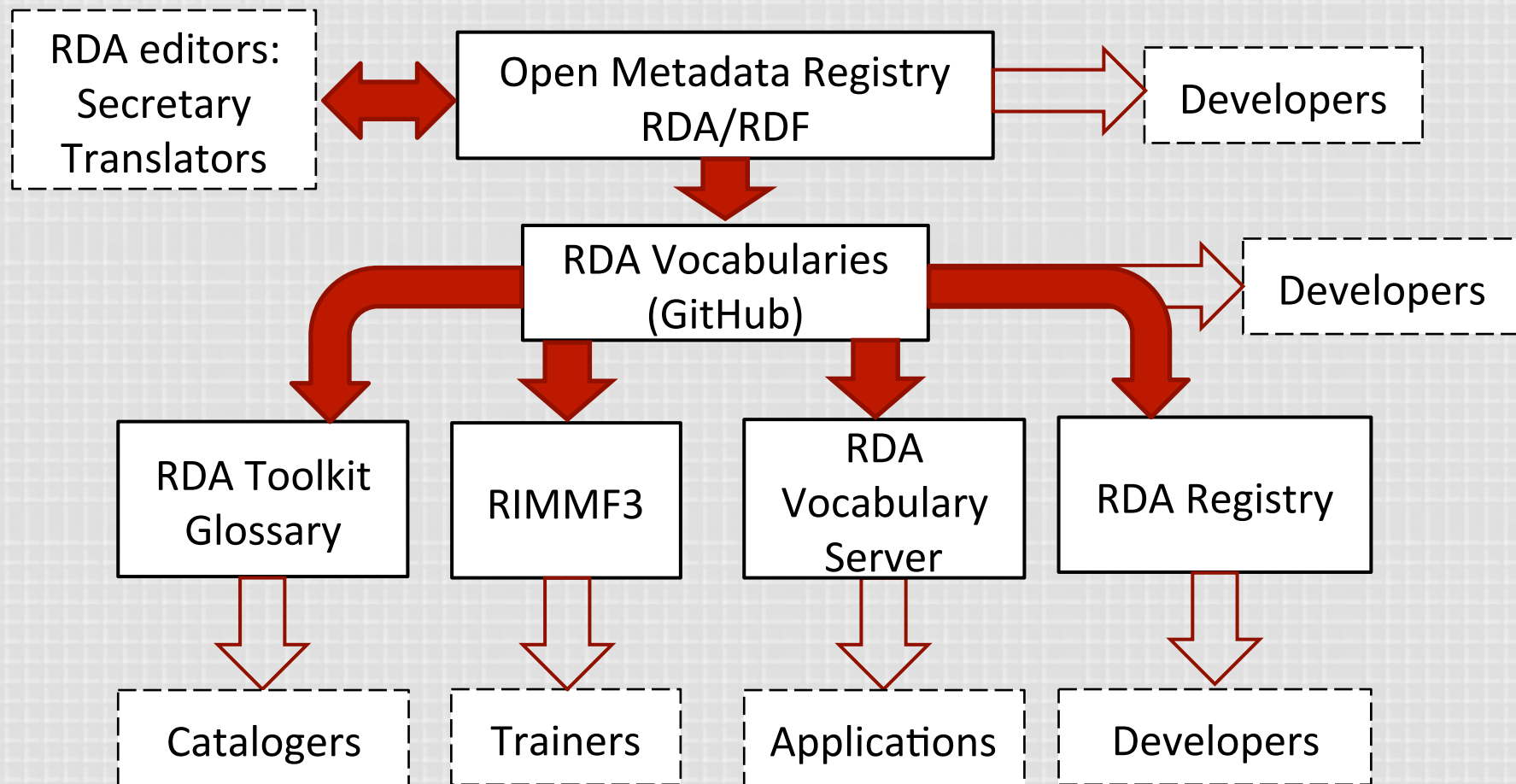
OMR HAS...

- Translations of RDA Reference in a wide variety of languages
 - Arabic, Catalan, Chinese, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Italian, Norwegian, Polish, Portuguese, Slovak, Spanish, Swedish, Ukrainian, Vietnamese
 - Some RDA translations are limited to the OMR
- Many other non-RDA vocabularies/element sets
 - Dublin Core, ISBD, PBCore, RDA/ONIX Framework, UNIMARC, etc.
 - Offers potential for mapping between these and RDA

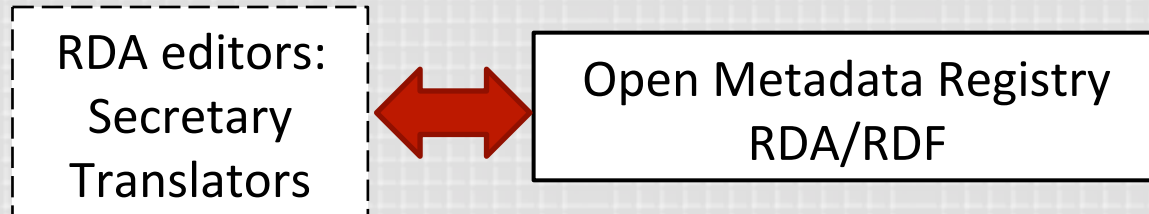
HOW DOES THE OMR RELATE TO THE TOOLKIT CONTENT?

- Until summer 2016
 - Both maintained separately; kept in synch manually
- Starting in August 2016
 - Most changes made in OMR only – visible before they are rolled out to the Toolkit
 - Critical to have this structure in place before implementing IFLA LRM in RDA

RDA REFERENCE DATA WORKFLOW



WHY OMR?



- Semantic vocabulary management system
- Content managed via export/import spreadsheets
- Import data authorized by RDA editors

OMR EXAMPLE

Element Sets: Show Elements for RDA Manifestation properties

Detail	Elements	History	Maintainers	Export	Import		
Label 						Type	Canonical URI 
has carrier type						property	.../Elements/m/P30001
has media type						property	.../Elements/m/P30002
has mode of issuance						property	.../Elements/m/P30003
has identifier for manifestation						property	.../Elements/m/P30004
has preferred citation						property	.../Elements/m/P30005
has regional encoding						property	.../Elements/m/P30006
has copyright date						property	.../Elements/m/P30007
has date of distribution						property	.../Elements/m/P30008
has date of production						property	.../Elements/m/P30009
has date of manufacture						property	.../Elements/m/P30010
has date of publication						property	.../Elements/m/P30011
has parallel designation of named revision of edition						property	.../Elements/m/P30012
has parallel designation of edition						property	.../Elements/m/P30013
has numbering within series						property	.../Elements/m/P30014

OMR EXAMPLE

Element Sets: RDA Manifestation properties

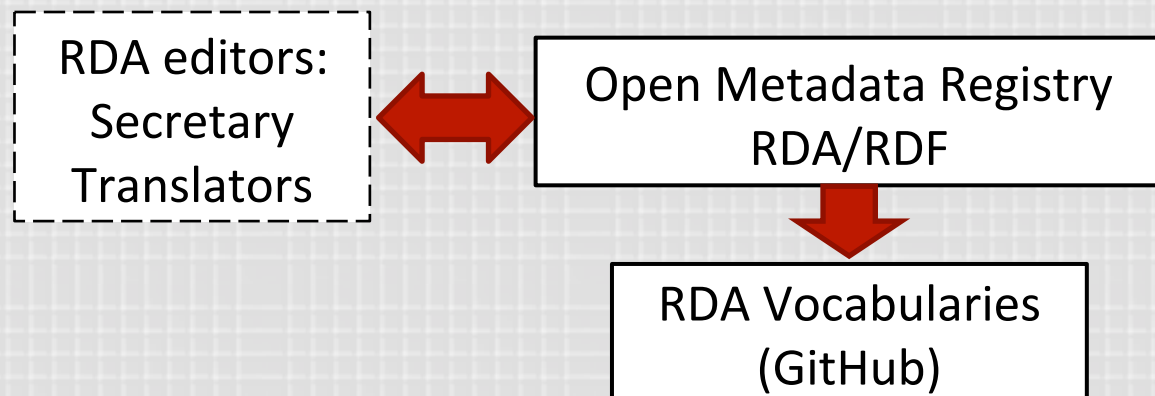
Elements: has date of publication

Detail	Statements	History
Profile property	Language	Object
name	English	dateOfPublication
label	English	has date of publication
description	English	Relates a manifestation to a date associated with the publication, release, or issuing of a manifestation.
type		property
domain		http://rdaregistry.info/Elements/c/C10007
uri		http://rdaregistry.info/Elements/m/P30011
status		Published
lexicalAlias	English	http://rdaregistry.info/Elements/m/dateOfPublication.en
hasUnconstrained		http://rdaregistry.info/Elements/u/P60073
instructionNumber		2.8.6
ToolkitLabel	English	date of publication
ToolkitDefinition	English	A date associated with the publication, release, or issuing of a manifestation.
label	French	a pour date de publication
description	French	Met une manifestation en relation avec une date associée à la publication, la mise à disposition ou l'édition d'une ressource.
ToolkitLabel	French	date de publication
ToolkitDefinition	French	Date associée à la publication, la mise à disposition ou l'édition d'une ressource.
ToolkitLabel	Spanish	fecha de publicación
ToolkitDefinition	Spanish	Una fecha asociada con la publicación, entrega o emisión de un recurso.
label	Swedish	har utgivningstid
ToolkitLabel	Swedish	utgivningstid

SPREADSHEET DATA EXAMPLE

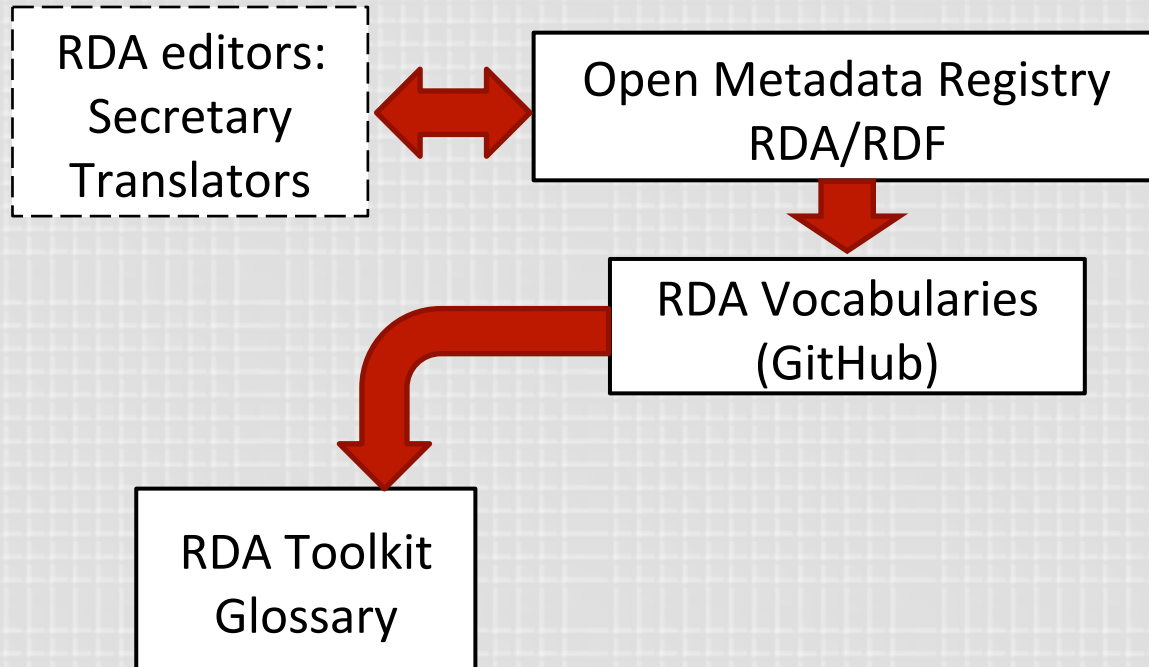
A	B	C	D	E	F	G	H
reg_id	*preferred label[0]_en	ToolkitLabel_en	definition[0]_en	ToolkitDefinition_en	scope note[0]_en	*uri	*status
1028	Labanotation	Labanotation	A form of notated movement using abstract symbols on a vertical three-line staff to represent movement of the body and limbs as seen from the back., developed in the United States and the United Kingdom in the middle of the 20th century.	A form of notated movement using abstract symbols on a vertical three-line staff to represent movement of the body and limbs as seen from the back., developed in the United States and the United Kingdom in the middle of the 20th century.	Labanotation is now harmonized with, while remaining distinct from, Kineography Laban.	noteMove:1002	Published
5924	Kinetography Laban	Kinetography Laban	A form of notated movement using abstract symbols on a vertical three-line staff to represent movement of the body and limbs as seen from the back., developed in Europe in the middle of the 20th century.	A form of notated movement using abstract symbols on a vertical three-line staff to represent movement of the body and limbs as seen from the back., developed in Europe in the middle of the 20th century.	Kineography Laban is now harmonized with, while remaining distinct from, Labanotation.	noteMove:1010	Published

OMR EXPORT TO RDA VOCABULARIES



- Project on GitHub: open infrastructure for developers
 - Version management allows applications to update and synchronize
 - Publish RDA Reference data in multiple RDF serializations
 - Published as discrete, integrated releases

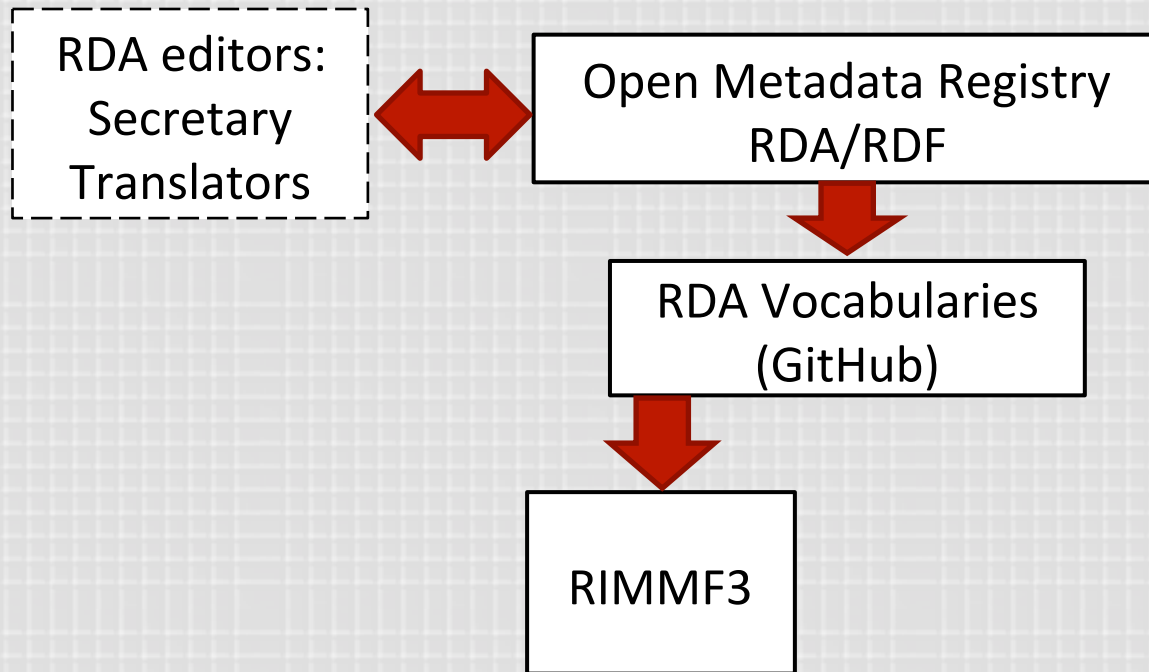
RDA TOOLKIT GLOSSARY



RDA TOOLKIT GLOSSARY

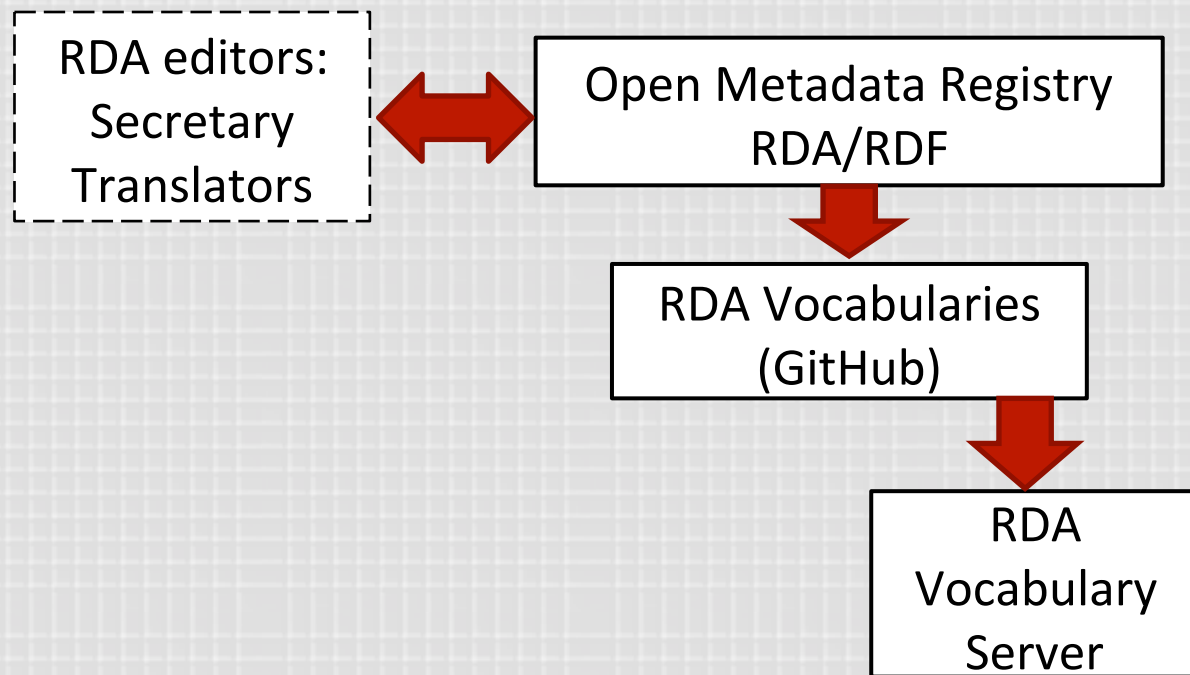
- Based entirely on RDA Reference
 - Includes relationship designators – and their inverses
- Greatly expanded in the August 2016 release of the Toolkit
- Extracted from RDF/XML files
- Internal Toolkit identifiers based on RDA URIs
- Content re-used in Toolkit guidance and instructions
 - Element scope sections
 - Relationship designator appendices
 - Vocabulary encoding scheme term lists

RIMMF3



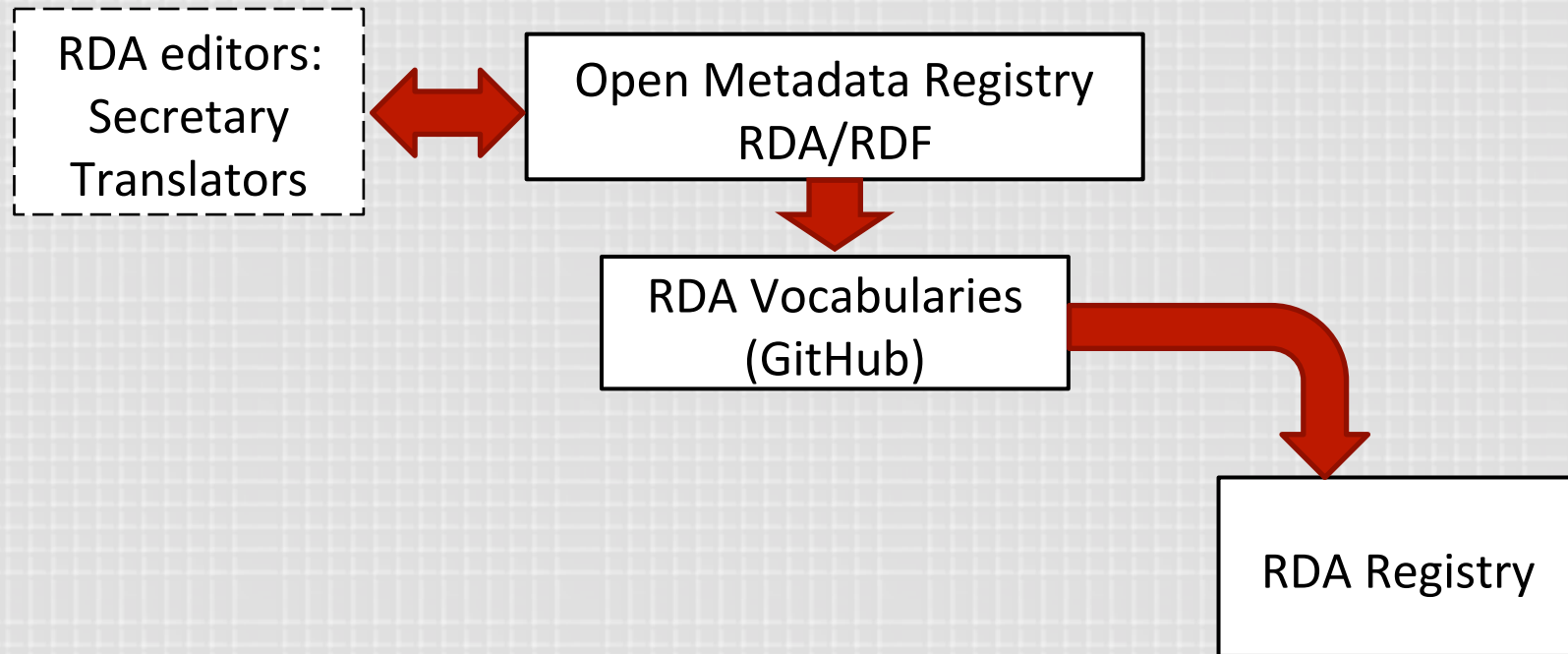
- Data for entities, elements, vocabulary terms, and translations for user-controlled language display extracted automatically from current release

RDA VOCABULARY SERVER



- Provides download management and linked data de-referencing services for machine applications

RDA REGISTRY



- Provides download management and linked data de-referencing services for application developers (humans)

ACCESS TO “RDA”

- Variety of audiences
 - Catalogers
 - Trainers
 - Developers
 - Machine applications
- Open access – except for RDA Toolkit
 - Toolkit contains RDA Reference + guidance/instructions
 - Open CC0 license allows commercial re-use of RDA Reference

QUESTIONS??