Application profiles and cataloging a manifestation

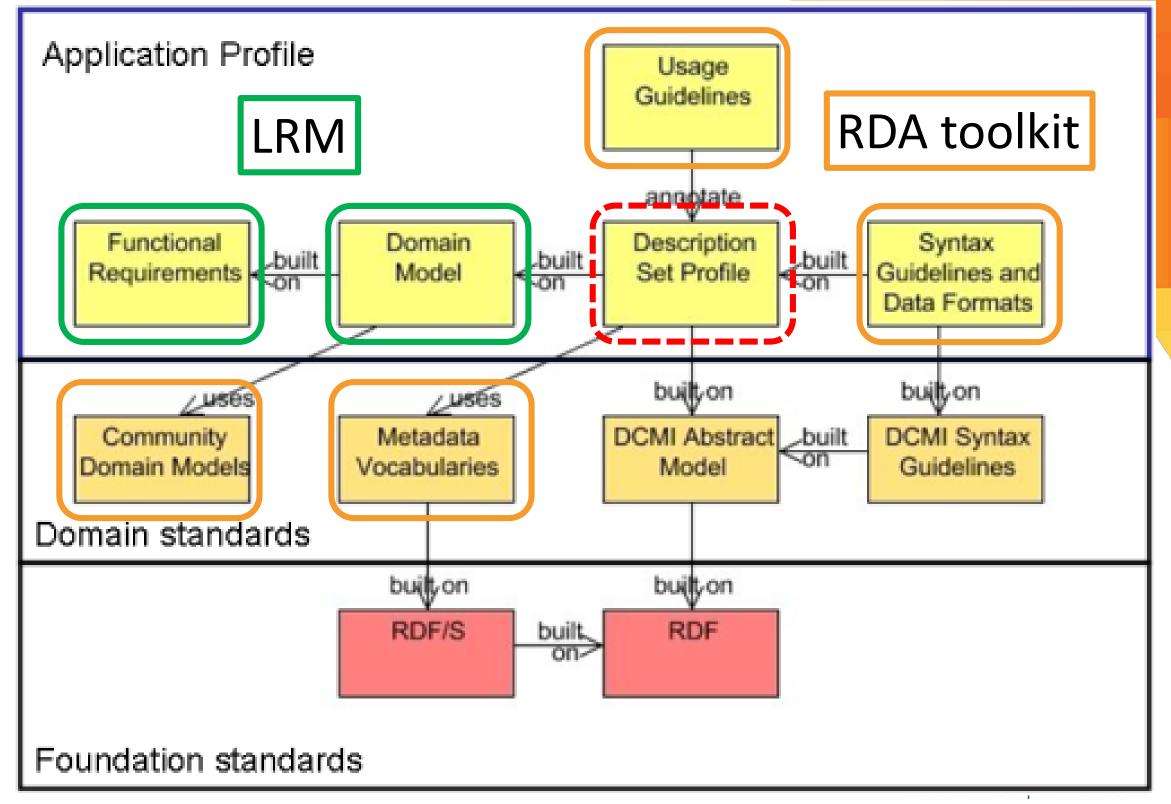
Gordon Dunsire, RDA Technical Team Liaison Officer Presented at RDA Toolkit Redesign Workshop Seattle, USA, 25 January 2019



Application profiles



Singapore framework (DCMI)



Application profile

A specification of the metadata that is used in an application

A specification may include the entities, elements, and vocabulary encoding schemes that are used, and the mandatory and repeatable status of elements

May also include the preferred recording method



Toolkit profiles

Elements specified by:

```
ID (local):
```

ala-0dd63c0d-066f-3ddc-885a-ff83c25cf752

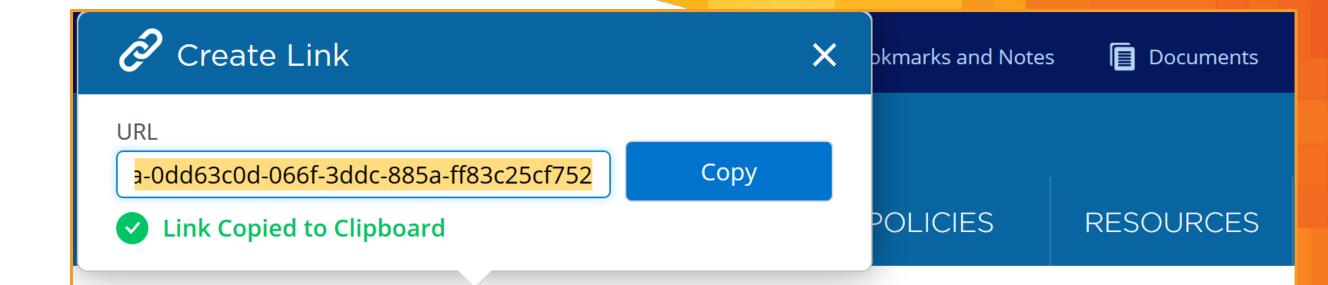
URL (global):

https://beta.rdatoolkit.org/RDA.Web/Content?externalId = en-US_ala-0dd63c0d-066f-3ddc-885a-ff83c25cf752

IRI (global):

http://rdaregistry.info/Elements/m/P30001





carrier type

Definition and Scope

A categorization reflecting the format of the storage medium and housing of a carrier in combination with the type of intermediation device required to view, play, run, etc., the content of a manifestation.



IRI

http://rdaregistry.info/Elements/m/P30001

Resource Description & Access

Toolkit identifiers

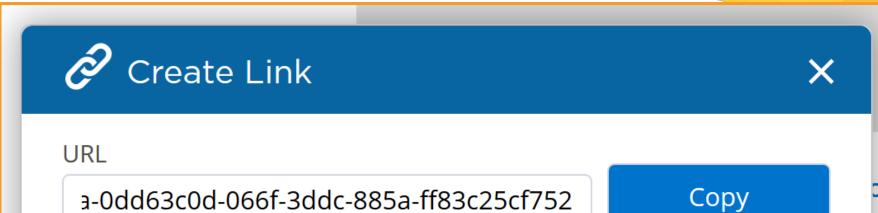
Toolkit option IDs and URLs can also specify: Recording method RDA Vocabulary encoding scheme

Policy statements and Toolkit option IDs and URLs can also augment and specify:

Options

Non-RDA Vocabulary encoding scheme





ording an unstructured description

Recording a structured description

OPTION

Record a term from the following RDA vocabulary encoding scheme.

aperture card

audio belt

audio cartridge



Workshop templates and worked example



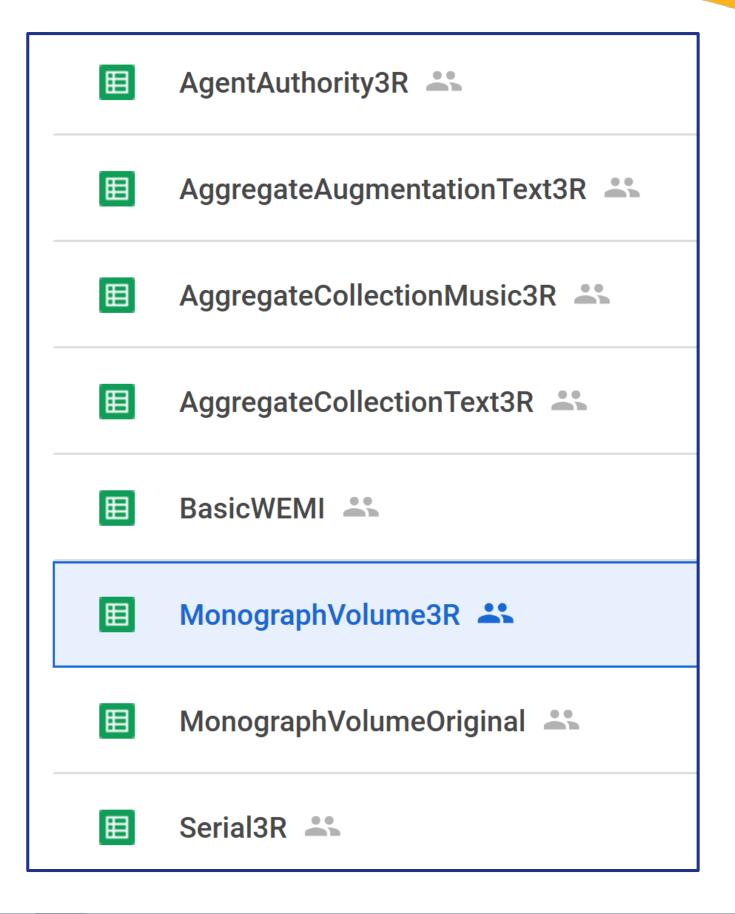
Workshop application profiles

Document: Google spreadsheet

Profiles for various types of resource "Monograph", "Aggregate", "Serial", etc.

Standard layout





3R: uses new manifestation elements

Original: uses original manifestation elements



C	D	Е	F	G	Н
Element URL	Recording method	Value	Provenance element	Provenance value	Notes
General description					
manifestation title and responsibility					
statement	Unstructured				
manifestation edition statement	Unstructured				
manifestation publication statement	Unstructured				
manifestation identifier statement	Unstructured				
carrier type					
mode of issuance					
note on manifestation	Unstructured				
Appellation					At least one
title proper	Unstructured				
variant title of manifestation	Unstructured				
authorized access point for manifestation	Structured				
variant access point for manifestation	Structured				
identifier for manifestation	Identifier				
General relationships					
place of publication					
date of publication					
publisher corporate body					
Coherence					At least one
expression manifested					
work manifested					
<					



Manifestation •

Expression •

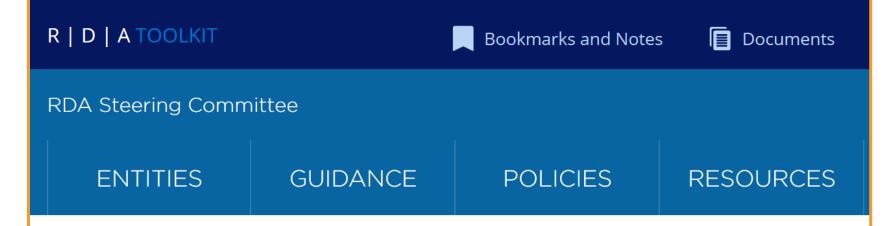
Template columns

Column	Header	Contents
Α	Element label	Hidden
В	Element ID	Hidden
С	Element URL	Formula: Hyperlink to Toolkit element
D	Recording method	Method used to record element value
Ε	Value	Value of the element for entity being described
F	Provenance element	Caphaignaga
G	Provenance value	Can be ignored
Н	Notes	Additional information



Element URL





carrier type

Definition and Scope

A categorization reflecting the format of the storage medium and housing of a carrier in combination with the type of intermediation device required to view, play, run, etc., the content of a manifestation.

Log-in to Toolkit before using link.
Link opens new window



Element categories

Category	Definition
General description	Common elements used to describe the entity [base application profile]
Appellation	Elements used to identify (name) the entity
General relationships	Common elements used to describe relationships of the entity [base application profile]
Special description	Specialized elements used to describe the entity
Special relationships	Specialized elements used to describe relationships of the entity
Coherence	"Primary relationship" elements required for coherent WEMI metadata

Resource Description & Access

Layered (nested) profile

Coherent description of an information resource

A coheren description following r

Resourd Minimum description of a resource descrip entity

requireme

resource³

A minimum Effective description

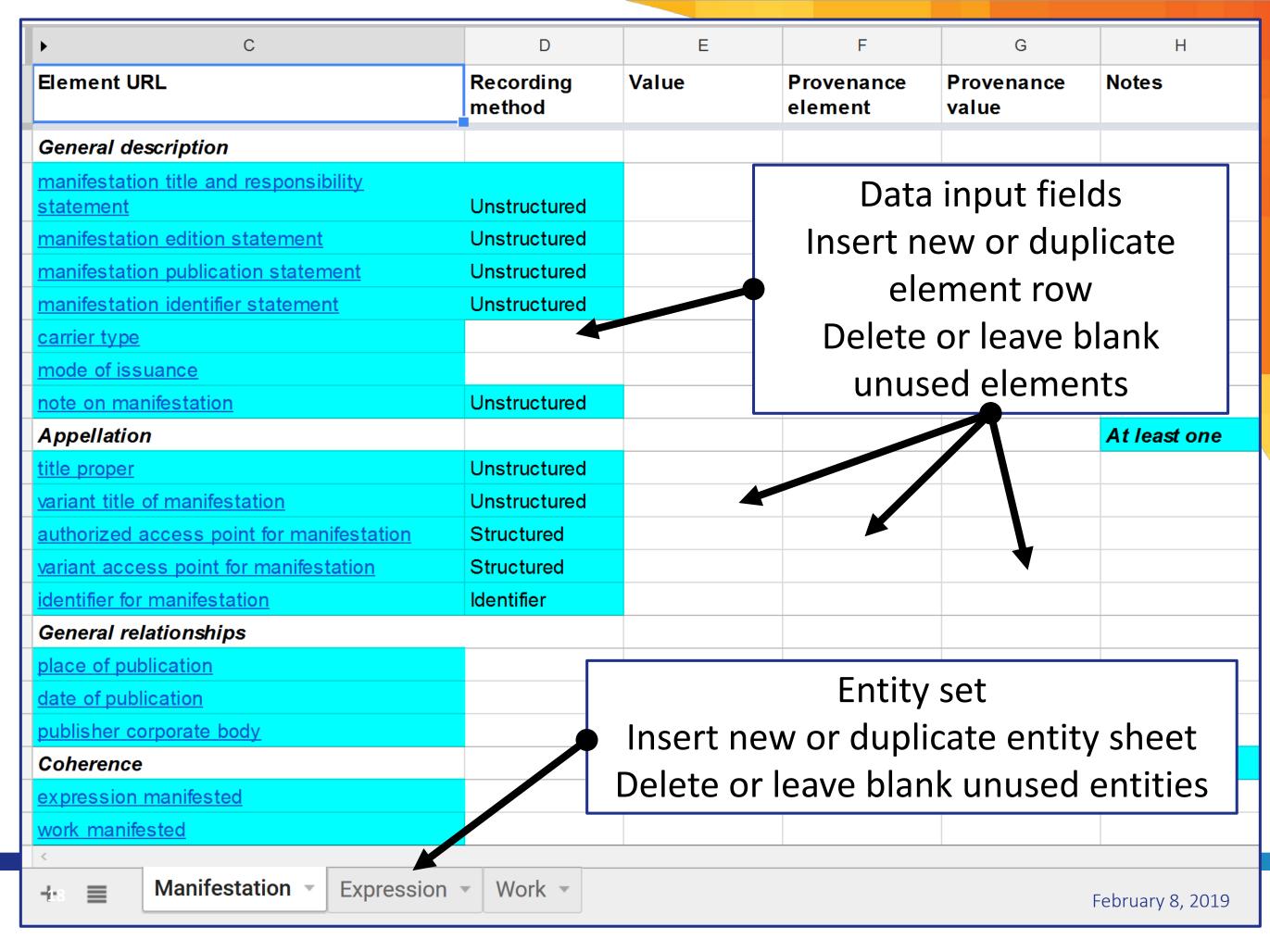
Effective description: general and specialized elements

Minimum description: appellation elements

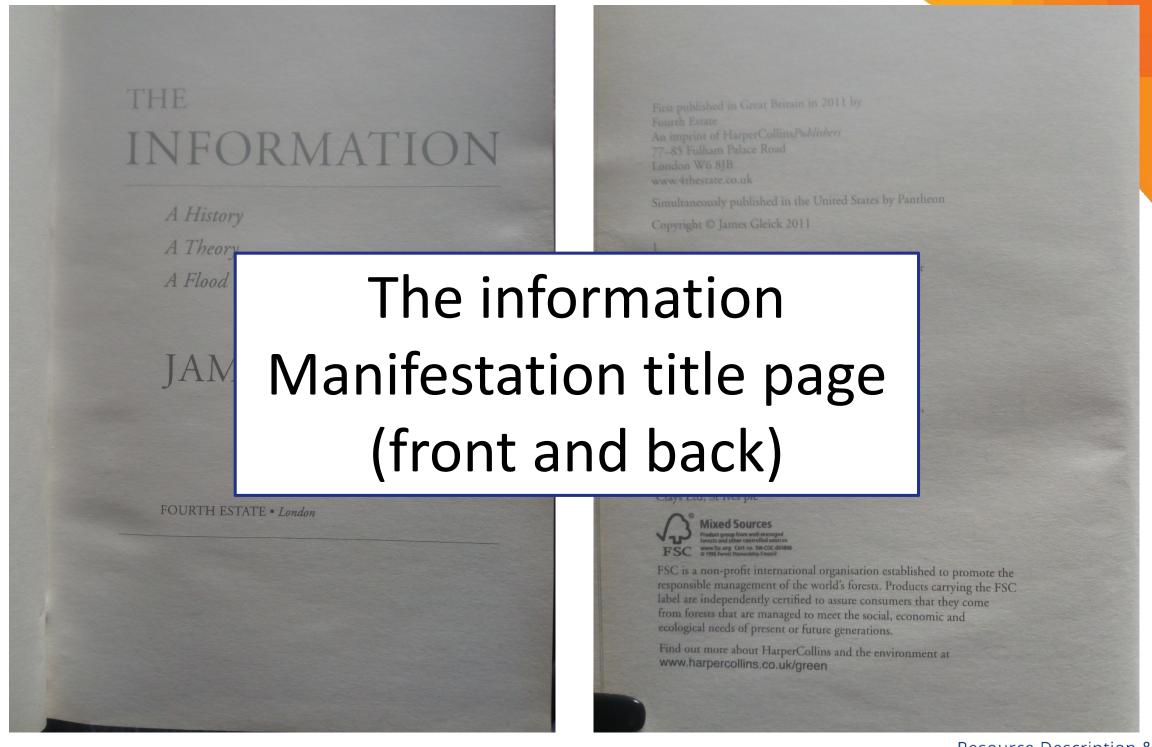
Coherent description: "primary" relationship elements

resource entity -.

▶ C	D	Е	F	G	Н
Element URL	Recording method	Value	Provenance element	Provenance value	Notes
General description	Ī				
manifestation title and responsibility statement	Unstructured				
manifestation edition statement	Unstructured				
manifestation publication statement	Unstructured	D (:1			
manifestation identifier statement	Unstructured	Profile	e templa	ate	
<u>carrier type</u>					
mode of issuance		select	s eleme	ents	
note on manifestation	Unstructured				
Appellation		and in	At least one		
title proper	Unstructured				
variant title of manifestation	Unstructured	record	ling me	tnod	
authorized access point for manifestation	Structured				
variant access point for manifestation	Structured	and ca	ardinalit	[V	
identifier for manifestation	Identifier	1	1 - 4		
General relationships		(manc	latory,		
place of publication					
date of publication		repeatable)			
publisher corporate body					
Coherence					At least one
expression manifested					
work manifested					
<					

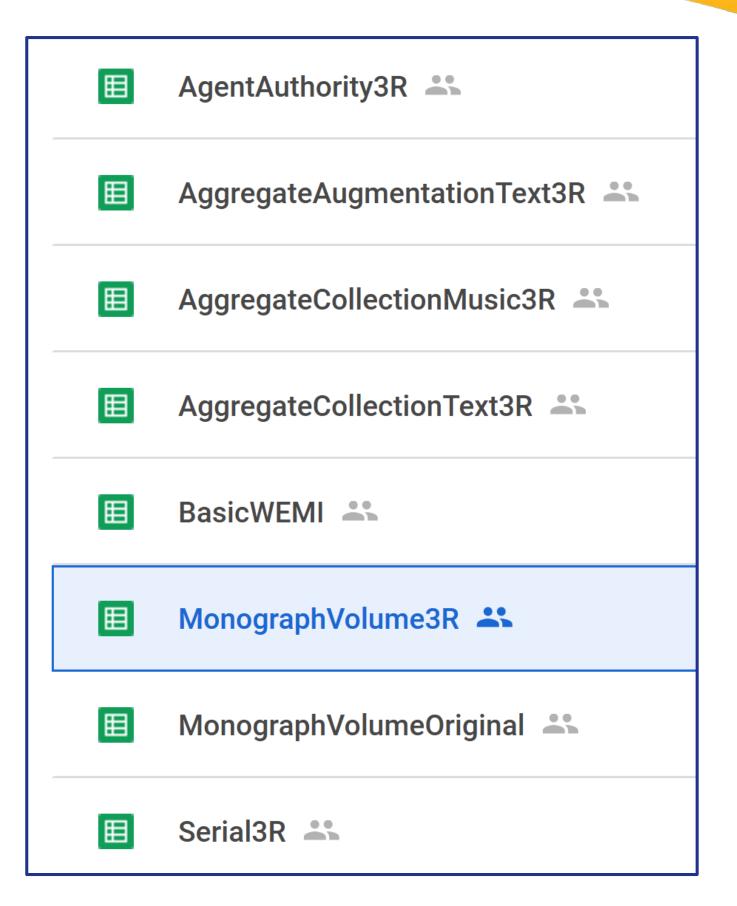


Example: Gleick



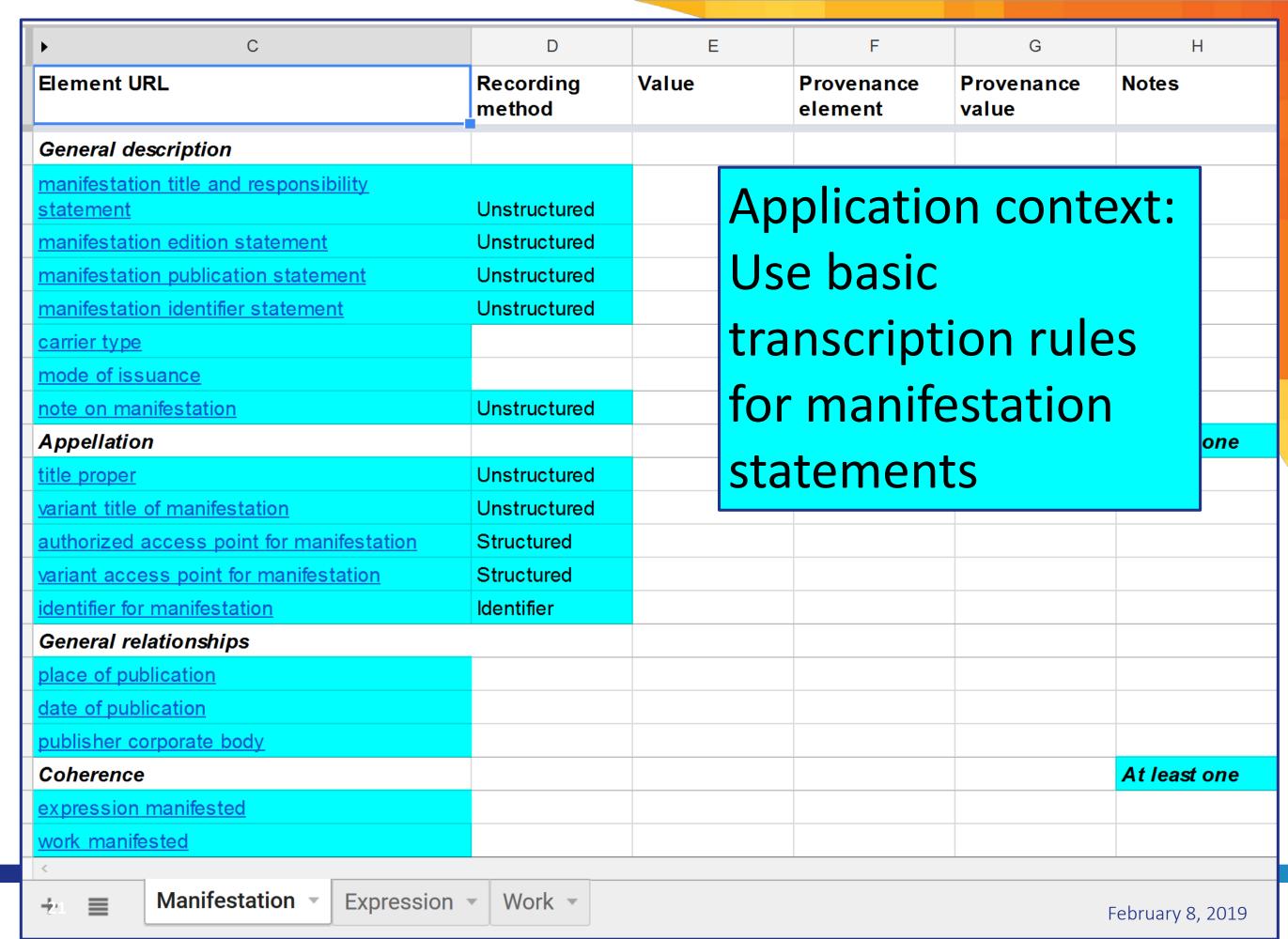


Resource Description & Access



Select a profile template and make a copy





Element URL	Recording method	Value	Provenance element	Provenance value	Notes
General description					
manifestation title and responsibility statement	Unstructured	THE INFORMATION A History A Theory A Flood JAMES GLEICK			Basic transcription
manifestation edition statement	Unstructured				
manifestation publication statement	Unstructured	First published in Great Britain in 2011 by Fourth Estate An imprint of HarperCollinsPublishers			Basic transcription
manifestation identifier statement	Unstructured	HB ISBN 978-0-00-722573-6			Basic transcription
<u>carrier type</u>					
mode of issuance					
note on manifestation	Unstructured				
Appellation					At least one
title proper	Unstructured				
variant title of manifestation	Unstructured				
authorized access point for manifestation	Structured				
variant access point for manifestation	Structured				
identifier for manifestation	Identifier				
General relationships					
place of publication					
date of publication					

Resource Description & Access

Element URL	Recording method	Value	Provenance element	Provenance value	Notes
manifestation publication statement	Unstructured	First published in Great Britain in 2011 by Fourth Estate An imprint of HarperCollinsPublishers			Basic transcription
manifestation identifier statement	Unstructured	HB ISBN 978-0-00-722573-6			Basic transcription
manifestation identifier statement	Unstructured	TPB ISBN 978-0-00-742311-8			Basic transcription
carrier type	Structured	volume			
mode of issuance	Structured	single unit			
note on manifestation	Unstructured				
Appellation					At least one
title proper	Unstructured				
variant title of manifestation	Unstructured				
authorized access point for manifestation	Structured				
variant access point for manifestation	Structured				
identifier for manifestation	Identifier				
General relationships					
place of publication					
date of publication					
publisher corporate body					



Element URL	Recording method	Value	Provenance element	Provenance value	Notes
manifestation publication statement	Unstructured	First published in Great Britain in 2011 by Fourth Estate An imprint of HarperCollinsPublishers			Basic transcription
manifestation identifier statement	Unstructured	HB ISBN 978-0-00-722573-6			Basic transcription
manifestation identifier statement	Unstructured	TPB ISBN 978-0-00-742311-8			Basic transcription
<u>carrier type</u>	Structured	volume			
mode of issuance	Structured	single unit			
note on manifestation	Unstructured				
Appellation					At least one
title proper	Unstructured	The information			Normalized transcription
variant title of manifestation	Unstructured	Information			
authorized access point for manifestation	Structured				
variant access point for manifestation	Structured				
identifier for manifestation	Identifier	9780007225736			
General relationships					
place of publication	Structured	London			
date of publication	Structured	2011			
publisher corporate body	Unstructured	Fourth Estate			



Element URL	Recording method	Value	Provenance element	Provenance value	Notes
General description					
note on work	Unstructured				
Appellation					At least one
preferred title of work	Unstructured	Information			
variant title of work	Unstructured				
authorized access point for work	Structured	Gleick, James. Information			
variant access point for work	Structured				
identifier for work	Identifier				
General relationships					
author person	Structured	Gleick, James			
Coherence					At least one
expression of work					
manifestation of work					



Relating entities

Element: author person

Recording method	Value	Source VES
Unstructured	James Gleick	n/a
Structured	Gleick, James	LCNAF
Identifier	n86031600	LCNAF
IRI	http://viaf.org/viaf/51721740	VIAF



Element URL	Recording method	Value	Provenance element	Provenance value	Notes
General description					
<u>note on work</u>	Unstructured				
Appellation					At least one
preferred title of work	Unstructured	Information			
variant title of work	Unstructured				
authorized access point for work	Structured	Gleick, James. Information			
variant access point for work	Structured				
identifier for work	Identifier				
General relationships					
<u>author person</u>	Structured	Gleick, James			
author person	Unstructured	James Gleick			
author person	Identifier	n86031600			
author person	IRI	http://viaf.org/viaf	<u> </u>		
Coherence					At least one
expression of work					
manifestation of work					



Data provenance

A single statement of element + value, or a set of such statements ("record"), is treated as a (metadata) Work

Data provenance is a statement about the statement = a statement about the (metadata) Work

a Work element + value



Provenance elements

Metadata statement Work

Provenance element	Provenance value example	Usage
Recording source	Title page	Transcription from manifestation
Source consulted	LCNAF	Value from VES
Related manifestation of work	ISBD	Applied content standard
Related work of work	ISO 8601	Applied string encoding scheme

Resource Description & Access

Element URL	Recording method	Value	Provenance element	Provenance value	Notes
note on manifestation	Unstructured				
Appellation					At least one
title proper	Unstructured	The information	recording source	title page	Normalized transcription
variant title of manifestation	Unstructured	Information			
authorized access point for manifestation	Structured				
variant access point for manifestation	Structured				
identifier for manifestation	Identifier	9780007225736	source consulted	ISBN	
General relationships					
place of publication	Structured	London	source consulted	GeoNames	
date of publication	Structured	2011	related work of work	ISO 8601	
<u>publisher corporate body</u>	Unstructured	Fourth Estate			



Coherence

Linking the resource entities (WEMI) of a single information resource using "primary" relationships

Reliable linking values:

Authorized access point (local to a VES) Good

Identifier (local to a VES)

Better

IRI (global, de-referencing gives provenance) Best



Element URL	Recording method	Value	Provenance element	Provenance value	Notes
General description					
note on work	Unstructured				
Appellation					At least one
preferred title of work	Unstructured				
variant title of work	Unstructured				
authorized access point for work	Structured	Gleick, James. Information	related work of work	ISBD	
variant access point for work	Structured				
identifier for work	ldentifier	GDW999	source consulted	Catalogue of GD	
General relationships					
author person	Unstructured	James Gleick			
author person	Structured	Gleick, James	source consulted	LCNAF	
author person	Identifier	n86031600	source consulted	LCNAF	
author person	IRI	http://viaf.org/viaf/51721740			VIAF
Coherence					At least one
expression of work	ldentifier	GDE999	source consulted	Catalogue of GD	
manifestation of work	ldentifier	GDM999	source consulted	Catalogue of GD	

Resource Description & Access

Workshop



Workshop goals

Explore the layout and functionality of the new RDA Toolkit

Identify issues in the use of application profiles

Obtain feedback to improve the Toolkit

Have fun!



Workshop activities

"Jane-athon" style
Collaborative working at tables
Leaders and roving experts

Morning session: we all catalogue the same examples of a simple monograph

Afternoon session: free selection from simple, special examples



Using profile templates

Make a copy of a blank template Name it your way

Augment or customize template
Add elements and entities
Choose recording methods
Mash-up parts of templates
E.g. Copy agent entity to WEM template



Hints and tips

There is more than one way of creating an effective description

Not all entities or elements need to be used

Use appropriate recording methods

Try some alternative approaches

See the Toolkit guidance on "Resource description"



Alarums and excursions

Broken links in Related elements 😊

Break-out of Agent role elements

Specific elements for Collective Agent,

Corporate Body, Family, and Person ©



Morning session examples

Manfred (Lord Byron)

A more noble cause (Emanuel & Tureaud)



Thank you!



