



**To the Ground**

Communicating RDA changes for non-Medlindian staff

- Developing a training strategy
- Common changes
- Examples

**Why is 'To the Ground'?**

- Including metadata changes to a level that is useful to the end user
- Preventing RDA information overload
- Information overload is not simply the problem of too much information, it is the problem of too much irrelevant information!

**Is this really necessary?**

- Important changes for cataloguers may not be relevant to reference staff
- If the information in the record is changing, it becomes important

**To the Ground**

Explaining RDA

- RDA is the fear of the unknown
- Importance of developing context
- Concrete example

**Why are we implementing RDA?**

Service Spectrum AACR2

Cataloguing Resources

Service Spectrum RDA

Cataloguing Resources

Users

**To the Ground**

The Hybrid Environment

**Why a Hybrid environment?**

Weak cloud

Strong ground

**How to identify RDA Records**

**To the Ground**

More RDA Training Resources

**To the Ground**

Impact on Search and Browse

Search

Browse

Search

Browse

**To the Ground**

Impact on Record Organization

Record Organization

Record Organization

**To the Ground**

Relevant Terminology Changes

Relevant Terminology Changes

Relevant Terminology Changes

**To the Ground**

Illustrating CDS

Illustrating CDS

Illustrating CDS



# From the Cloud to the Ground:

## *Cataloguing, Linked Data, and RDA Search Strategies*

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September 26, 2013

# *What is a Catalogue?*

"a complete list of items, typically one in alphabetical or other systematic order, in particular: a list of all the books or resources in a library . . ."

"catalogue". Oxford Dictionaries. Oxford University Press, n.d. Web. 07 Aug. 2012.  
<<https://oxforddictionaries.com/definition/english/catalogue>>.

3 parts:

Data (AACR2/RDA)

Record (entry, card, MARC)

Search interface (list, card catalog, OPAC)



# *History of Data and the Record*

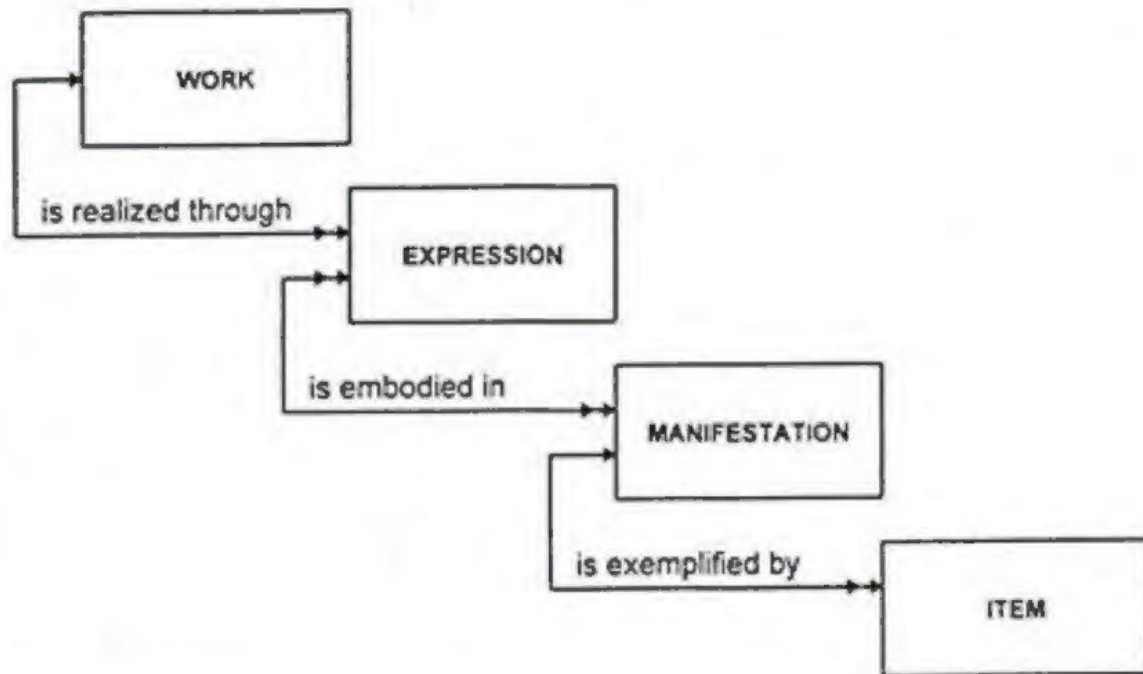
Year	Data	Record
1908	L. M. Montgomery	Not recorded
1918	Montgomery, L. M.	List on paper
1925	Montgomery, L. M.	List on paper arranged by author
1930	Montgomery, L. M.	Index card in a card catalogue
1967 (AACR introduced)	Montgomery, L. M. (Lucy Maud), 1874-1942	Index card in a card catalogue
1973 (MARC becomes international standard)	Montgomery, L. M. (Lucy Maud), 1874-1942	AACR MARC 100 field
1980's (MARC develops authority format)	Montgomery, L. M. (Lucy Maud), 1874-1942	AACR Authority Record
2013	Montgomery, L. M. (Lucy Maud), 1874-1942	RDA Authority Record
2013	Montgomery, L. M. (Lucy Maud) 1874-1942, <b>author</b>	RDA MARC 100 field



# *The new way to think*

## Functional Requirements for Bibliographic Records

How is the item in front of you related to everything else?



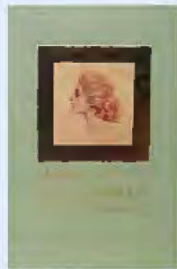
Functional Requirements for Bibliographic Records: Final report. (1998). Munich: K.G. Saur Verlag.  
<http://www.ifla.org/publications/functional-requirements-for-bibliographic-records>

# WEMI

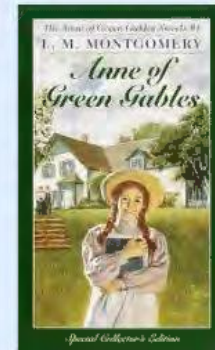
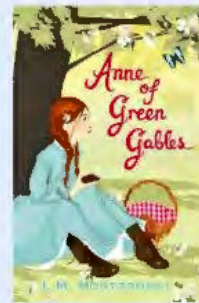
## Work



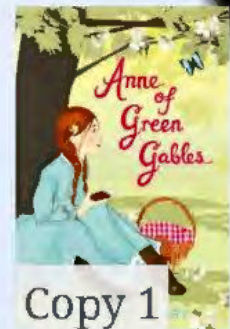
## Expression



## Manifestation



## Item





# *What's the difference? Theoretically...*

Anglo-American Cataloging Rules	Resource Description and Access
Rules	Instructions and Guidelines
Started as a North American effort	Started as an international effort
Intended for use by libraries	Intended for use by everyone
Monograph based	"WEMI" based
Description, description, description	Description AND access
Describes a single resource	Describes a resource and its relationships to creators and other works
Relies on humans to infer relationships	Describes relationships
Goal: Human understanding	Goal: Machine understanding (?)

# Is it actually different?

MARC	AACR2	RDA
Leader 18	a	i
040 ##	--	e rda
100 1#	Montgomery, L. M.,  q(Lucy Maud),  d1874-1942.	Montgomery, L. M.,  q(Lucy Maud),  d1874-1942,  eauthor.
240 ##	Anne of Windy Poplars.	Anne of Windy Poplars.
245 10	Anne of Windy Poplars /  cL.M. Montgomery.	Anne of Windy Poplars /  cL.M. MONTGOMERY.
250 ##	Special Collector's ed.	Special Collector's Edition
260 ##	[Toronto] :  bSeal Books,  c1996.	
264 #1		[Place of publication not identified] :  b Seal Books,  c1996
264 #2		[Toronto?] :  bSeal Books,  c1996.
264 #3		[Canada] :  bSeal Books,  c1996.
264 #4		c©1996.
300 ##	264 p. :  bmap ;  c18 cm.	264 pages :  bmap ;  c18 cm.
336 ##		text  btxt  2rdacontent
337 ##		unmediated  bn  2rdamedia
338 ##		volume  bnc  2rdacarrier
490 1#	Anne of Green Gables novels ; vno. 4	Anne of Green Gables novels ;  vno. 4
500		Seal Books Edition May 1996 [2.5.2.3]
650 #0	Shirley, Anne (Fictitious character)	Shirley, Anne (Fictitious character)
700		Shirley, Anne,  d1874-  eauthor
830 #0	Anne of Green Gables novels ;  vno. 4	Anne of Green Gables novels ;  vno. 4

700 \$iDerivative work:\$aBoz,\$d1812-1870.\$tSketches by Boz

700 \$iContains (work):\$aHirth, Kenn.\$tMerchant's world.

700 \$iTranslation of:\$aLe Roux, Hugues,\$d1860-1925.\$tAu champ d'honneur.

700 \$iAbridgement of (work):\$aMonson, Craig\$q(Craig A.)\$tDisembodied voices.

700 \$iAugmentation of (work):\$aAnderson, Philip,\$d1952-\$tMariner's role in collecting evidence - in light of ISM.

## Is RDA a step toward Linked Data?

Serial	n	Name	a	Subdiv	n	Rules	c		
010		n	81018546	vno	50069017				
040			DLC	4b	eng	4c	DLC	4d	OCOLC
068	0	PRB199.3.M6							
100	1	Montgomery, L. M. (Lucy Maud)	4d	1874-1942					
400	1	Montgomery, Lucy Maud	4d	1874-1942	4e	nna			
400	1	MacDonald, Lucy Maud Montgomery	4d	1874-1942					
400	1								מאגזין
400	1	モン・タウ・リ, L. M.	4d	1874-1942					
400	1	L.M. モンゴメリ	4d	1874-1942					
667									Machine-derived non-Jain script reference project
667									Non-Jain script references not evaluated
670									For Anne of Green Gables: 1909
670									Anne of Green Gables 2002 to GP Lib (L.M. Montgomery) GP Library (c. Nov. 30, 1874 in Gifford, New York, U.S.A. Prince Edward Island, c. Aug. 25, 1846)

Serial	n	Name	a	Subdiv	n	Rules	c							
010		n	81018346	tc	n	50069017								
040			DLC	4b	eng	4c	DLC	4d	DLC	4e	OCOLC	4f	4d	CANISM
048			4f	1874-1130	4g	19420424								
068			FR9199.3.M6											
100	1	Montgomery, L. M.	4q	(Lucy Maud)	4d	1874-1942								
378			Clifton, P.E.I.	4b	Toronto, Ont.	4c	P.E.I.	4f	P.E.I.					
372			Children's literature	42	1csh									
373			Prince of Wales College	4c	1893	4t	1893							
373			Dalhousie University	4c	1896	4t	1896							
374			Women novellists	42	1csh									
375			Female											
377			eng											
378			4q	Lucy Maud										
400	1	Montgomery, Lucy Maud	4d	1874-1942	4e	nna								
400	1	MacDonald, Lucy Maud Montgomery	4d	1874-1942										
400	1													
400	1	モンゴメリ, L. M.	4d	1874-1942										
400	1	L.M. モンゴメリ	4d	1874-1942										
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MARC	AACR2	RDA
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100 1#	Montgomery, L. M.   q(Lucy Maud),   d1874-1942.	Montgomery, L. M.   q(Lucy Maud),   d1874-1942,   eauthor.
240 ##	Anne of Windy Poplars.	Anne of Windy Poplars.
245 10	Anne of Windy Poplars /   cL.M. Montgomery.	Anne of Windy Poplars /   cL.M. MONTGOMERY.
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260 ##	[Toronto] :   bSeal Books,   c1996.	
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264 #2		[Toronto?]:   bSeal Books,   c1996.
264 #3		[Canada]:   bSeal Books,   c1996.
264 #4		c©1996.
300 ##	264 p. :   bmap ;   c18 cm.	264 pages :   bmap ;   c18 cm.
336 ##		text   btxt   2rdacontent
337 ##		unmediated   bn   2rdamedia
338 ##		volume   bnc   2rdacarrier
490 1#	Anne of Green Gables novels ;   vno. 4	Anne of Green Gables novels ;   vno. 4
500		Seal Books Edition May 1996 [2.5.2.3]
650 #0	Shirley, Anne (Fictitious character)	Shirley, Anne (Fictitious character)
700		Shirley, Anne,   d1874-   eauthor
830 #0	Anne of Green Gables novels ;   vno. 4	Anne of Green Gables novels ;   vno. 4

700 \$iDerivative work:\$aBoz,\$d1812-1870.\$tSketches by Boz

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700 \$iTranslation of:\$aLe Roux, Hugues,\$d1860-1925.\$tAu champ d'honneur.

700 \$iAbridgement of (work):\$aMonson, Craig\$q(Craig A.)\$tDisembodied voices.

700 \$iAugmentation of (work):\$aAnderson, Philip,\$d1952-\$tMariner's role in collecting evidence - in light of ISM.

Is RDA a step toward Linked Data?



	Seal Books Edition May 1996 [2.5.2.3]
itious character)	Shirley, Anne (Fictitious character)
	Shirley, Anne,  d1874-  eauthor
bles novels ;  vno. 4	Anne of Green Gables novels ;  vno. 4

# Is RDA a step toward Linked Data?

Serial	n	Name	a	Subdiv	to	n	Rules	c
010		n 81018346 #z n 50059017						
040		DLC #b eng #c DLC #d DLC #d DLC #d OCoLC						
053	0	PR9199.3.M6						
100	1	Montgomery, L. M. #q (Lucy Maud), #d 1874-1942						
400	1	Montgomery, Lucy Maud, #d 1874-1942 #w nna						
400	1	MacDonald, Lucy Maud Montgomery, #d 1874-1942						
400	1							מונטגומרי, לואיס מ.
400	1	モンゴメリ, L. M., #d 1874-1942						
400	1	L.M.モンゴメリ, #d 1874-1942						
667		Machine-derived non-Latin script reference project.						
667		Non-Latin script references not evaluated.						
670		Her Anne of Green gables, 1908.						
670		Anne of Green Gables, 2002: #b CIP t.p. (L.M. Montgomery) CIP galley (b. Nov. 30, 1874 in Clifton (now New London), Prince Edward Island; d. April 24, 1942)						

Serial	n	Name	a	Subdiv	to	n	Rules	z
010		n 81018346 #z n 50059017						
040		DLC #b eng #c DLC #d DLC #d DLC #d OCoLC #e rda #d CaNISM						
046		#f 18741130 #g 19420424						
053	0	PR9199.3.M6						
100	1	Montgomery, L. M. #q (Lucy Maud), #d 1874-1942						
370		Clifton, P.E.I. #b Toronto, Ont. #e P.E.I. #f P.E.I.						
372		Children's literature #2 lcs						
373		Prince of Wales College #s 1893 #t 1893						
373		Dalhousie University #s 1895 #t 1896						
374		Women novelists #2 lcs						
375		female						
377		eng						
378		#q Lucy Maud						
400	1	Montgomery, Lucy Maud, #d 1874-1942 #w nna						
400	1	MacDonald, Lucy Maud Montgomery, #d 1874-1942						
400	1							מונטגומרי, לואיס מ.
400	1	モンゴメリ, L. M., #d 1874-1942						
400	1	L.M.モンゴメリ, #d 1874-1942						
667		Machine-derived non-Latin script reference project.						
667		Non-Latin script references not evaluated.						
670		Her Anne of Green gables, 1908.						
670		Anne of Green Gables, 2002: #b CIP t.p. (L.M. Montgomery) CIP galley (b. Nov. 30, 1874 in Clifton (now New London), Prince Edward Island; d. April 24, 1942)						
670		Wikipedia, Apr. 17, 2013 #b (Lucy Maud Montgomery; born November 30, 1874, Clifton, Prince Edward Island; died April 24, 1942, Toronto, Ontario; called "Maud" by family and friends, publicly known as L. M. Montgomery; Occupation: Novelist; Nationality: Canadian; Alma mater: Prince of Wales College (1893), Dalhousie University (1895-1896); Genre: Children's literature; Spouse: Ewen ("Ewan") Macdonald; Children: Chester, Hugh, Stuart)						

# *Next Steps for the Record*

What humans see...

100 1 Montgomery, L. M.\$q(Lucy Maud),\$d1874-1942

245 10 Anne of Green Gables

What computers see...

100 1 textstring\$qtextstring\$dtextstring

245 10 textstring



What humans see...

100 1 Montgomery, L. M.\$q(Lucy Maud),\$d1874-1942  
245 10 Anne of Green Gables

What computers see...

100 1 textstring\$qtextstring\$dtextstring  
245 10 textstring

What if computers saw this instead?

100 1 Montgomery, L. M.\$q(Lucy Maud),\$d1874-1942.  
\$0<http://id.loc.gov/authorities/names/n81018346>  
245 10 Anne of Green Gables  
\$0<http://id.loc.gov/authorities/names/no2010143485>

# *Linked Data*

Four Rules:

1. Use URIs as names for things.
2. Use HTTP URIs so that people can look up those names.
3. When someone looks up a URI, provide useful information.
4. Include links to other URIs, so that they can discover more things.

The MISSING LINK into bibliographic records...



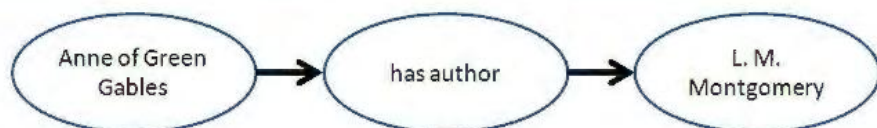
## *The Record or the System?*

AACR2 --> RDA

MARC21 --> ???

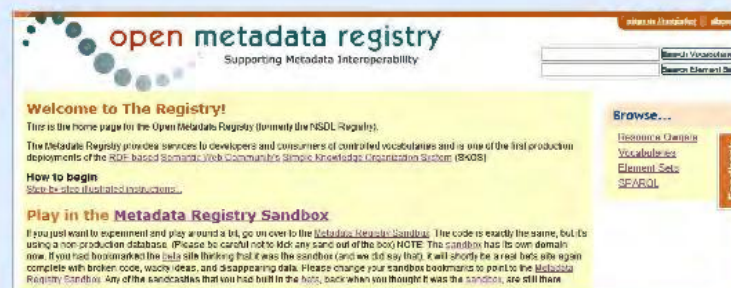
ILS --> ???

# Library Linked Data Sources




## LC Linked Data Services

VIAF





# ata Sources



## open metadata registry

Supporting Metadata Interoperability

[sign in / register](#) | [about](#)

### Welcome to The Registry!

This is the home page for the Open Metadata Registry (formerly the NSDL Registry).

The Metadata Registry provides services to developers and consumers of controlled vocabularies and is one of the first production deployments of the [RDF-based Semantic Web Community's Simple Knowledge Organization System \(SKOS\)](#)

#### How to begin

[Step-by-step illustrated instructions...](#)


### Play in the Metadata Registry Sandbox

If you just want to experiment and play around a bit, go on over to the [Metadata Registry Sandbox](#). The code is exactly the same, but it's using a non-production database. (Please be careful not to kick any sand out of the box) NOTE: The [sandbox](#) has its own domain now. If you had bookmarked the [beta](#) site thinking that it was the sandbox (and we did say that), it will shortly be a real beta site again complete with broken code, wacky ideas, and disappearing data. Please change your sandbox bookmarks to point to the [Metadata Registry Sandbox](#). Any of the sandcastles that you had built in the [beta](#), back when you thought it was the [sandbox](#), are still there.

#### Browse...

- [Resource Owners](#)
- [Vocabularies](#)
- [Element Sets](#)
- [SPARQL](#)

[Feedback](#)




## open metadata registry

Supporting Metadata Interoperability

[sign in / register](#) | [about](#)

#### Browse...

 [Creative Commons License](#)

[Element Sets: RDA Roles](#)  
[Element: Author \(Work\)](#)

## Element Sets: RDA Roles

### Elements: Author (Work)

[Detail](#)
[Statements](#)
[History](#)

#### Metadata +

#### Detail

Label:	Author (Work)
Name:	authorWork
URI:	<a href="http://rdvocab.info/roles/authorWork">http://rdvocab.info/roles/authorWork</a> (RDF)
Description:	A person, family, or corporate body responsible for creating a work that is primarily textual in content, regardless of media type (e.g., printed text, spoken word, electronic text, tactile text) or genre (e.g., poems, novels, screenplays, blogs). Use also for persons, etc., creating a new work by paraphrasing, rewriting, or adapting works by another creator such that the modification has substantially changed the nature and content of the original or changed the medium of expression.
Comment:	
Type:	subproperty
Parent:	<a href="#">Creator</a>
Domain:	<a href="http://rdvocab.info/uri/schema/FRBREntitiesRDAWork">http://rdvocab.info/uri/schema/FRBREntitiesRDAWork</a>
Range:	
Status:	New-Proposed
Language:	English
Note:	

#### Browse...

[Resource Owners](#)
[Vocabularies](#)
[Element Sets](#)
[SPARQL](#)
[Feedback](#)



*Future of the catalogue?*

## What can next-gen catalogues and LSPs offer us?

Do we want vendors creating our LOD systems?

## BIBFRAME?

## eXtensible Catalog?

## RIMMF?

[illegible]

## Post-MARC environment?

## What are other options?

Do we want corporations creating our LOD system?

# RIMMF?

## RDA In Many Metadata Formats

Relationship tree	
Relationship	Heading
Work	Taylor, Arlene G., 1941-. Organization of information
Expression of work	Taylor, Arlene G., 1941-. Organization of information. text. 2004
Manifestation of expression	The organization of information. Second edition. Libraries Unlimited, a member of the Greenwood Publishing Group, 2004. volume
Expression of work	Taylor, Arlene G., 1941-. Organization of information. text. 1999
Manifestation of expression	The organization of information. Libraries Unlimited, 1999. volume
Expression of work	Taylor, Arlene G., 1941-. Organization of information. text. 2009
Manifestation of expression	The organization of information. Third edition. Libraries Unlimited, 2009. volume
???	Joudrey, Daniel N.
Author	Taylor, Arlene G., 1941-
In series (work)	Library and information science text series
Continues (work)	Library science text series
<input checked="" type="checkbox"/> De-dupe <input type="button" value="Dig"/>	



# *Future of the catalogue?*

What can next-gen catalogues and LSPs offer us?

Do we want vendors creating our LOD systems?

BIBFRAME?

eXtensible Catalog?

RIMMF?



The screenshot shows a web application titled "RDA to Many Metadata Formats". It features a table with columns for "RDA Element", "RDA Label", and "RDA Description". The table lists various RDA elements and their corresponding labels and descriptions. The interface includes a search bar and a "Filter" button.

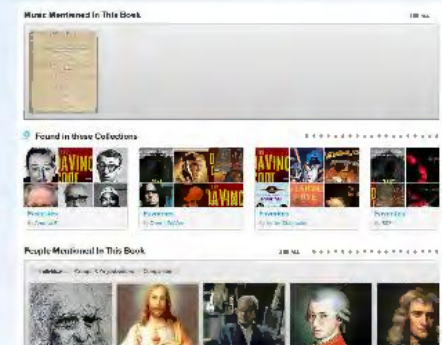
RDA Element	RDA Label	RDA Description
1.1.1.1	1.1.1.1	1.1.1.1
1.1.1.2	1.1.1.2	1.1.1.2
1.1.1.3	1.1.1.3	1.1.1.3
1.1.1.4	1.1.1.4	1.1.1.4
1.1.1.5	1.1.1.5	1.1.1.5
1.1.1.6	1.1.1.6	1.1.1.6
1.1.1.7	1.1.1.7	1.1.1.7
1.1.1.8	1.1.1.8	1.1.1.8
1.1.1.9	1.1.1.9	1.1.1.9
1.1.1.10	1.1.1.10	1.1.1.10

Post-MARC environment?

What are other options?

Do we want corporations creating our LOD system?

# Future catalogue experience?









About 2,980,000 results (0.35 seconds)

[Lucy Maud Montgomery - Wikipedia, the free encyclopedia](#)

[en.wikipedia.org/wiki/Lucy\\_Maud\\_Montgomery](http://en.wikipedia.org/wiki/Lucy_Maud_Montgomery) ▾

**Lucy Maud Montgomery** OBE (November 30, 1874 – April 24, 1942), called "Maud" by family and friends and publicly known as **L. M. Montgomery**, was a ...

[Early life](#) - [Writing career, romantic ...](#) - [Works](#) - [Notes](#)

[L.M. Montgomery Institute](#)

[www.lmmontgomery.ca/](http://www.lmmontgomery.ca/) ▾

Welcome to the online home of the **L.M. Montgomery** Institute of UPEI. We hope that you find your visit to our pages both interesting and educational. We have ...

[Her Life | L.M. Montgomery Institute](#)

[www.lmmontgomery.ca/aboutlmm/herlife](http://www.lmmontgomery.ca/aboutlmm/herlife) ▾

**L.M. Montgomery** was born in Clifton (now New London), Prince Edward Island, on November 30, 1874, to Hugh John Montgomery and Clara Woolner Macneill.

[Lucy Maud Montgomery - Uxbridge](#)

[www.uxbridge.com/people/maud.html](http://www.uxbridge.com/people/maud.html) ▾

A short biography and links to several of her works available online.

[Lucy Maud Montgomery Society of Ontario](#)

[lucymaudmontgomery.ca/](http://lucymaudmontgomery.ca/) ▾

Welcome to the Official Website of the **Lucy Maud Montgomery** Society of Ontario. **LUCY MAUD MONTGOMERY** wrote 11 of her 22 novels at home in rural ...

[Anne of Green Gables® - Government of Prince Edward Island](#)

[www.gov.pe.ca/lmm/index.php3](http://www.gov.pe.ca/lmm/index.php3) ▾

HOME /. Anne of Green Gables, Bantam Paperback Cover **L.M. MONTGOMERY**, WRITER OF THE universally beloved Anne of Green Gables, was born on the ...

[L. M. Montgomery Biography - Department of Education and Early ...](#)

[www.edu.pe.ca/lmmontgomery/lmmbiography/lmmbio.htm](http://www.edu.pe.ca/lmmontgomery/lmmbiography/lmmbio.htm) ▾

**L. M. Montgomery**. We would like to take this opportunity to welcome you to our **L. M. Montgomery** page. Our school, **L. M. Montgomery** Elementary, ...

[Lucy Maud Montgomery - IMDb](#)

[www.imdb.com/name/nm0500844/](http://www.imdb.com/name/nm0500844/) ▾



## Lucy Maud Montgomery

Author

Lucy Maud Montgomery OBE, called "Maud" by family and friends and publicly known as L. M. Montgomery, was a Canadian author best known for a series of novels beginning with *Anne of Green Gables*, published in 1908. [Wikipedia](#)

**Born:** November 30, 1874, New London, Prince Edward Island

**Died:** April 24, 1942, Toronto

**Spouse:** Ewen Macdonald (m. 1911–1942)

**Children:** Stuart Macdonald, Chester Macdonald, Hugh Macdonald

**Movies:** *Anne of Green Gables*, *Anne of Avonlea*, *Lantern Hill*

### Books



Anne of Green Gables



Anne of the Island  
1915



Anne of Avonlea  
1909



Anne's House of Dreams



Anne of Windy Poplars





BOOKS

PEOPLE

PLACES

THINGS

COLLECTIONS

Search by title, product, place, etc.

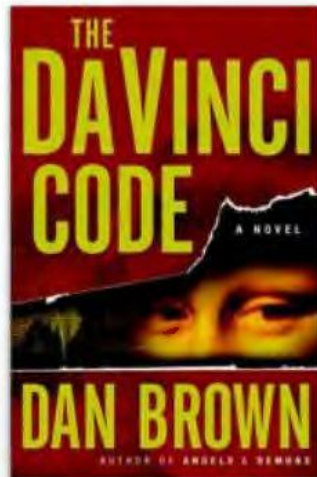


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AWARDS ▾

ALL THE BEST'S

GENRES ▾



## The Da Vinci Code

#2 in the The Robert Langdon Series by Dan Brown (2003)

This book describes the attempts of Robert Langdon, Professor of Religious Symbology at Harvard University, to solve the murder of renowned curator Jacques Saunière of the Louvre Museum in Paris. A baffling cipher is found near his body. Saunière's granddaughter, Sophie Neveu and Langdon attempt to sort out the bizarre riddles and are stunned to discover a trail of clues hidden in the works of Leonardo Da Vinci.

The unraveling of the mystery requires solutions to a series of brain-teasers, including anagrams and number puzzles. ...



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The Da Vinci Code

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THE AUTHOR

Dan Brown



MADE INTO

The Da Vinci Code

### Mentioned In 81 Books

SEE ALL



“The conclusion of **The Da Vinci Code** shocked people with its interpretations about one of our deeply held cultural beliefs. What about *The Lost Symbol*? Do you think the ideas expressed—such as noetics and other New Age concepts—which look ahead instead of backward, will have a similar impact?”

— Arne De Keijzer and Daniel Burstein, *Secrets of The Lost Symbol*

## Mentioned In 81 Books

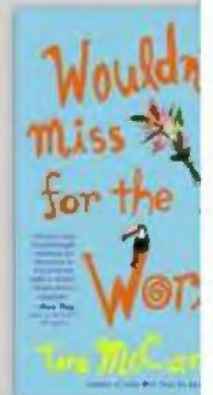
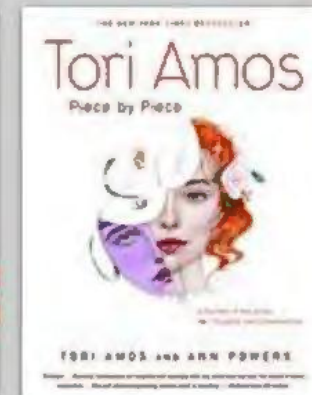
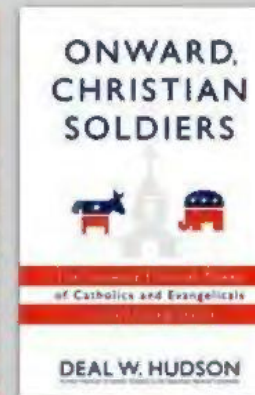
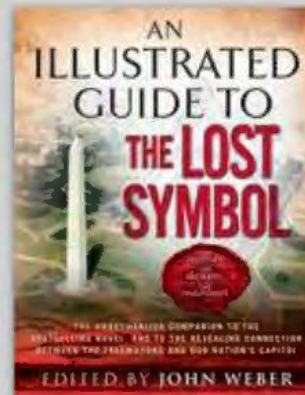
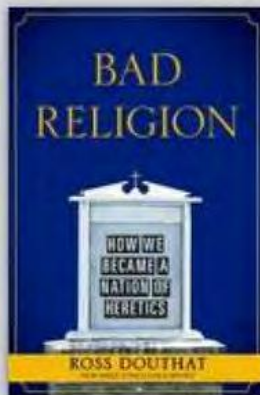
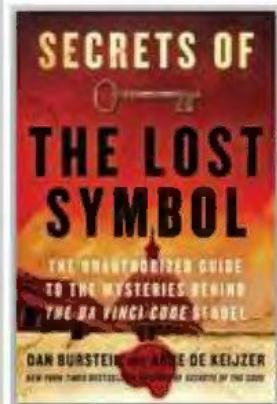
SEE ALL

“The conclusion of **The Da Vinci Code** shocked people with its interpretations about one of our deeply held cultural beliefs. What about **The Lost Symbol**? Do you think the ideas expressed—such as noetics and other New Age concepts—which look ahead instead of backward, will have a similar impact?”

— Arne De Keijzer and Daniel Burstein, *Secrets of The Lost Symbol*

### From This Book

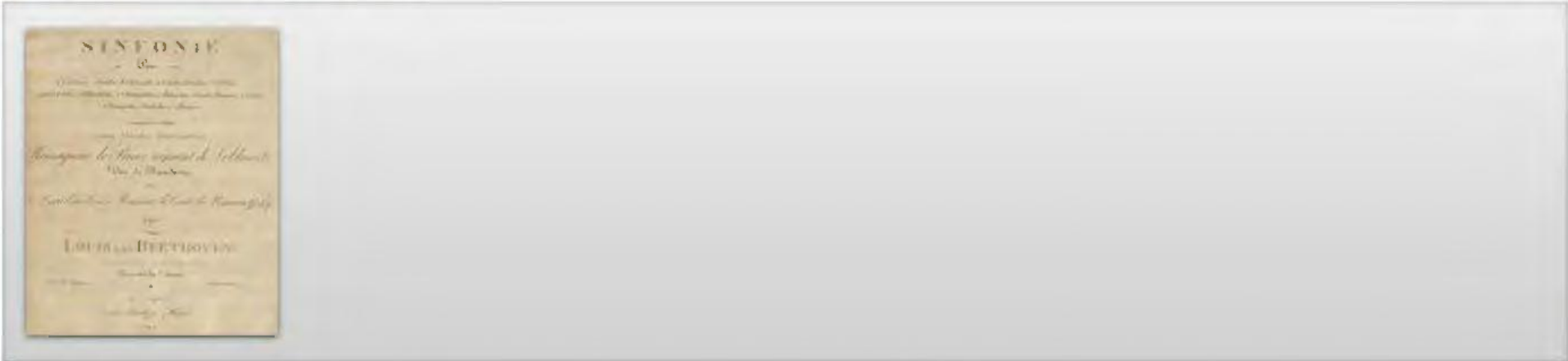
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Favorites

By Donna DeVos



Favorites

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## *What can we do now?*

Read. Join listservs. Ask questions.

Talk. With colleagues. With administrators. With vendors.

Play. eXtensible Catalog. Local Linked Data projects. RIMMF.

Share what you know. Find out what others know.

Be a rebel. Add URIs to MARC \$0

Find ways to convert MARC records to Linked Open Data.



## *Will it be worth it?*

"Although a daunting challenge, this conversion of our bibliographic records from MARC to Linked Open Data will become one of the most powerful drivers in the transformation to the Semantic Web. Placing our data and resources where people are actually looking for it, and tying them intelligently to the wealth of the Web."

Philip E. Schreur, Program for Cooperative Cataloging  
"Linked Data for Libraries: Why should we care?  
Where should we start?" April 2012 (youtube)



# From the Cloud to the Ground:

## *Cataloguing, Linked Data, and RDA Search Strategies*

Heather Pretty, Memorial University of Newfoundland  
@hjpretty

Catelynne Sahadath, University of Calgary  
@metacatie

September 26, 2013



# To the Ground

## *Communicating RDA changes for non-Metadata staff*

- Developing a training strategy
- Common changes
- Examples

## *What is "To the Ground?"*

Bringing metadata changes to a level that is

- Examples

## *What is "To the Ground?"*

- Bringing metadata changes to a level that is useful to the end-user
- Preventing RDA information overload

"Information overload is not simply the problem of too much information. It is the problem of too much irrelevant information" (1)

(1) information overload. (2009). In BUSINESS: The Ultimate Resource. Retrieved from [http://www.credoreference.com/entry/ultimatebusiness/information\\_overload](http://www.credoreference.com/entry/ultimatebusiness/information_overload)

## *Is that really necessary?*



- Preventing RDA information overload

"Information overload is not simply the problem of too much information. It is the problem of too much irrelevant information" (1)

(1) information overload. (2009). In BUSINESS: The Ultimate Resource. Retrieved from [http://www.credoreference.com/entry/ultimatebusiness/information\\_overload](http://www.credoreference.com/entry/ultimatebusiness/information_overload)

### *Is that really necessary?*

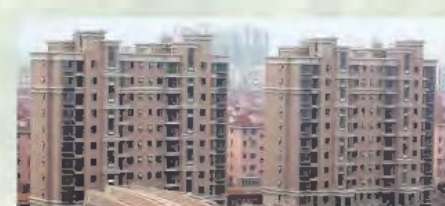
- Important changes for cataloguers may not be relevant to reference staff
- If the information in the record is changing, it becomes important

# To the Ground

## *Explaining RDA*

- Gone is the fear of the unknown
- Importance of developing context
- Context example:

Why are we implementing RDA?























civilprojectsonline.com



mrfoundationrepair.blogspot.ca



trummerphotography.com



forums.randi.org

# Service Spectrum AACR2



# Service Spectrum RDA







# To the Ground

## *The Hybrid Environment*

### Why a Hybrid environment?

Book scroll



[library.rit.edu](http://library.rit.edu)

Codex



[library.arizona.edu](http://library.arizona.edu)

How to identify RDA Records



# The Hybrid Environment

## Why a Hybrid environment?

Book scroll



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## How to identify RDA Records

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Record 1 of 1

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Bib ID 6303027

Format **Book** [text, still image, volume]

Author Goldfinch, Richenda, author, illustrator

Description Ravensthorpe, Western Australia : Richendra Goldfinch, 2013  
31 pages : chiefly colour illustrations, 1 map ; 21 x 30 cm

ISBN 9780987207210

Notes For children

Australian

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**082** 0 4 |aA823.4 |223  
**100** 1 |aGoldfinch, Richenda, |eauthor, |eillustrator.  
**245** 1 0 |aMrs Tabby G : |bbased on the true story of an Australian farm cat / |cwritten and illustrated by Richendra Goldfinch.  
**264** 1 |aRavensthorpe, Western Australia : |bRichendra Goldfinch, |c2013.  
**300** |a31 pages : |bchiefly colour illustrations, 1 map ; |c21 x 30 cm  
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**336** |astill image |2rdacontent  
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**337** |aunmediated |2rdamedia  
**338** |avolume |2rdacarrier  
**521** |aFor children  
**653** |aAustralian



relevant to reference staff

- If the information in the record is changing, it becomes important

## To the Ground

### *Impact on Search and Browse*

#### Abbreviations

AACR2

Arr.

Unaccomp.

Dept.

RDA

Arranged

Unaccompanied

Department

#### Changes to Search and Browse

Search both terms.

Browse should not change for terms that fa

#### Headings for The Bible

RDA



# Headings for The Bible

## AACR2

Bible. O.T. Leviticus.

Bible. O.T.

Bible. N.T.

## RDA

Bible. Leviticus.

Bible. Old Testament.

Bible. New Testament.

Bible. Apocrypha.

## Changes to Search and Browse

Search with and without the testament abbreviation.

Browse with and without testament abbreviation.



# Abbreviations

AACR2

Arr.

Unaccomp.

Dept.

RDA

Arranged

Unaccompanied

Department

## Changes to Search and Browse

Search both terms.

Browse should not change for terms that fall close to one another in alphanumeric array.

# Changes in Terminology

AACR2

Koran. Al-Ala.

Violinello

RDA

Qur'an. Al-Ala.

Cello

## Changes to Search and Browse

Search both terms.

Browse both terms.





# *Impact on Record Interpretation*

- **Emphasis on transcription**

Information recorded as it appears in the item

Including articles, order, capitalization, language, errors, punctuation

- **Inaccuracies** transcribed as they occur; notes added to indicate the corrections



- **Emphasis on transcription**

Information recorded as it appears in the item

Including articles, order, capitalization, language, errors, punctuation

- **Inaccuracies** transcribed as they occur; notes added to indicate the corrections

- **Vale, Latin!**

Et. al; sic.; S.l.; S.d.; I.e.; Fl.

- **Abbreviations, be gone!**

Mostly in carrier description (physical description):

p. pages

ill. illustrations

+ p. incomplete

No more abbreviations for numbering

- **260 replaced by 264.**

When a 264 is used, can distinguish between functions (publication, distribution, publication, manufacture)

- First **place of publication**, order it appears on the resource

- Dates in **roman numerals** no longer converted to Arabic numerals





## *In-record Terminology Changes*

- Mostly format specific; may not be relevant in general instruction

### **Music**

v. of music/p. of music

miniature score

score

study score

- Mostly format specific; may not be relevant in general instruction

## Music

v. of music/p. of music  
miniature score

score  
study score

## Video

video reel

videotape reel

## Art

art print  
art original

print  
collage  
drawing  
icon  
painting



# *Illustrating FRBR*

UNIVERSITY OF CALGARY



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gone with the wind **Search** Advanced Search


☐ Keep search refinements ☒ New search


Search Results: Your search for **gone with the wind** returned **1,055,939** results

Refine your search  
Full text online  
Articles from

Relevance  

**Gone with the wind**  

 by Mitchell, Margaret  
1964, p. 733







gone with the wind

Search

Advanced Search

☐ Keep search refinements

☒ New search

Search Results: Your search for **gone with the wind** returned **1,055,939** results

### Refine your search

- ☐ Items with full text online
- ☐ Limit to articles from scholarly publications, including peer-review
- ☐ Limit to articles from peer-reviewed publications
- ☐ Exclude Newspaper Articles
- ☐ Items in the library catalog
- ☐ Add results beyond your library's

### Content type

- ☒ Any
- ☐ Book / eBook (535,440)
- ☐ Newspaper Article (394,238)
- ☐ Journal Article (60,536)
- ☐ Magazine Article (55,652)
- ☐ Book Review (14,549)
- ☐ Dissertation/Thesis (13,036)
- more...

### Subject Terms

- ☒ Any
- ☐ history (93,047)

### Gone with the wind



by Mitchell, Margaret  
1964, p. 733

After the Civil War sweeps away the genteel life to which she has been accustomed, Scarlett O'Hara sets about to salvage her Georgia plantation home. History

Book: Taylor - General Collection, University of Calgary, PS3525 .I972 G6 1964

### Gone with the wind



by Mitchell, Margaret  
1939, Motion Picture edition, p. 391

Book: Taylor - General Collection, University of Calgary, PS3525 .I972 G66 1939

### Gone with the Wind



by Susan Swan  
Brick, ISSN 0382-8565, 07/2013, Issue 91, p. 119  
Literary criticism, Writers, Preferences, Historical fiction  
Journal Article: Full Text Online

### Gone with the wind

#### Subject terms

- ☒ Any
- ☐ history (93,047)
- ☐ united states (58,892)
- ☐ electronic books (54,831)
- ☐ multi-user (44,337)

FRBR group 3



Fleming, Victor; Selznick, David O; Howard, Sidney  
Leslie ... (more)  
2009, 70th anniversary edition, ISBN 9781419878770  
Scarlett O'Hara is the daughter of a wealthy southern p  
but he is going to marry his cousin Melanie Hamilton

expression

FRBR group 2

FRBR group 3

FRBR group 3



FRBR group 3

- ▼ Subject terms
- ☒ Any
  - ☐ history (93,047)
  - ☐ united states (58,892)
  - ☐ electronic books (54,831)
  - ☐ multi-user (44,337)
  - ☐ history and criticism (24,067)
  - ☐ biography (21,684)
  - more...

▼ Publication Date

Any



▼ ▼ to

▼ ▼

Update Clear

▼ Library Location

- ☒ Any
- ☐ Taylor Family Digital Library (136,491)
- ☐ E-Resources (47,691)
- ☐ Military Museums (6,416)
- ☐ Health Sciences Library (5,277)
- ☐ Law Library (3,297)
- ☐ Gallagher Library (2,784)
- more...

manifestation

item

▼ wind



Fleming, Victor; Selznick, David O; Howard, Sidney Coe; Gable, Clark; Leigh, Vivien; Howard, Leslie ... (more)

2009, 70th anniversary edition, ISBN 9781419878770

Scarlett O'Hara is the daughter of a wealthy southern plantation owner. Ashley is the love of her life, but he is going to marry his cousin Melanie Hamilton.... O'Hara, Scarlett (Fictitious character), Triangles (Interpersonal relations), Widows, History, Historia

Video Recording:

Taylor 3rd floor - VP Arts - Video Collection, University of Calgary, PN1997 .G66 1939

Gone With The Wind

enberg, Louise

of Modern Craft, ISSN 1749-6772, 07/2010, Volume 3, Issue 2, p. 261

, Clothing and dress

Journal Article: Full Text Online

Gone With The Wind



by Schouwenberg, Louise

The Journal of Modern Craft, ISSN 1749-6772, 07/2010, Volume 3, Issue 2, pp. 261 - 264

Journal Article: Full Text Online

Gone with the wind



by Paul Flynn

Utility Week, ISSN 1356-5532, 03/2012, p. 17

Any nation seeking to establish itself as a market leader in renewable energy will have to compete for talent on a global scale. Government policies and cuts... Talent management, Engineering, Alternative energy, Electricity, Public policy

Journal Article: Full Text Online

# To the Ground

## *More RDA Training Resources*



The screenshot shows the homepage of the 'rdacake' wiki. The header features the 'rdacake' logo. Below the header, the word 'home' is displayed. A welcome message reads: 'Welcome to the RDA Canadian Knowledge Exchange'. The main content area contains a paragraph about the wiki's purpose: 'This wiki is a place for Canadians to collaborate on RDA projects, share ideas and plans for implementation, and to temporarily store and share training materials and workflow documentation. After implementation the materials will be moved to a permanent location, most likely on the CLA website. Regardless of the final address, the materials will be accessible to all.' Below this is another paragraph: 'Given the geography and population distribution in Canada, making training materials available on the web is an important part of Canada's implementation of RDA.' A small image of a person's hands is visible on the left. The bottom left corner features a 'Prezi' logo. On the right side of the page, there is a sidebar with a list of links: 'Wiki Home', 'Recent Changes', 'Pages and Files', 'Members', and a 'Search' box. Below these are links to 'Home', 'faq', 'LIS Curriculum', 'Pan-Canadian modules presentations', 'Survey', 'training', and 'work in progress'.

rdacake

home

Welcome to the **RDA Canadian Knowledge Exchange**

This wiki is a place for Canadians to collaborate on RDA projects, share ideas and plans for implementation, and to temporarily store and share training materials and workflow documentation. After implementation the materials will be moved to a permanent location, most likely on the CLA website. Regardless of the final address, the materials will be accessible to all.

Given the geography and population distribution in Canada, making training materials available on the web is an important part of Canada's implementation of RDA.

Prezi

- Wiki Home
- Recent Changes
- Pages and Files
- Members
- Search
- Home
- faq
- LIS Curriculum
- Pan-Canadian modules presentations
- Survey
- training
- work in progress

RDA Canada Knowledge Exchange  
[rdacake.wikispaces.com](http://rdacake.wikispaces.com)




# RDA Canada Knowledge Exchange


[rdacake.wikispaces.com](http://rdacake.wikispaces.com)

home

Welcome to the **RDA Canadian Knowledge Exchange**

Edit 0 24 ...

-  Wiki Home
-  Recent Changes
-  Pages and Files
-  Members

 Search

- Home
- faq
- LIS Curriculum
- Pan-Canadian modules
- presentations
- Survey
- training
- work in progress



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You are welcome to use the information and documents for non-commercial purposes, as per the Creative Commons license parameters.

The sections within this site are listed on the right navigation pane.

Vous pourriez être intéressé par [le site francophone du RDA](#).





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The sections within this site are listed on the right navigation pane.

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work in progress

# Library of Congress RDA Training Materials

<http://www.loc.gov/catworkshop/RDA%20training%20materials/>


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## CATALOGERS LEARNING WORKSHOP (CLW)



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## Library of Congress (LC) RDA Training Materials

Library of Congress RDA Training Plans:

[Classroom Training Plan](#) (September 2012) [Word : 117 KB]

[Online Training Plan](#) (November 2012) [Word : 158 KB]

The tables listed below contain the Library of Congress *Resource Description & Access* (RDA) training materials used for internal training beginning in June 2012. As RDA changes, the materials will be updated.


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**Library of Congress (LC) RDA Training Materials**

Library of Congress RDA Training Plans:

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➤ [Back to RDA Training Materials](#)

Title	Slides, Manuals, Exercises
FRBR Fundamental Concepts	<a href="#">Recorded Webinar (Aug. 28, 2012)</a> [MP4 : 63 MB]
	<a href="#">Slides (Sept. 2012)</a> [PPT : 1.34 MB]
	<a href="#">Trainees Manual (Sept. 2012)</a> [PDF : 771 KB]
	<a href="#">Test yourself!: FRBR Terminology Quiz</a>
	<a href="#">Test yourself!: Attributes of FRBR Group One Entities Quiz</a>
	<a href="#">Test yourself!: Relationships of FRBR Entities Quiz</a>
	IFLA FRBR Report



# From the Cloud to the Ground:

## *Cataloguing, Linked Data, and RDA Search Strategies*

Heather Pretty, Memorial University of Newfoundland  
@hjpretty

Catelynne Sahadath, University of Calgary  
@metacatie

September 26, 2013