WHY ARE WE HERE?

- 1.For a few fastcat reminders
- 2. To find out "why RDA" and its benefits
- 3. How it affects us in Acquisitions and the
 - changes on bibliographic records
- 4.To join in LTS's goal to become an RDA library

A couple of fastcat reminders ...

The CIP on the back of the title page is not a valid source of information

Library of Congress Chaloging-in-Publication Data Nelson, James, 1921 On the volcano / 1 lelson. mes p. cm. Summary: In the 1870s, sixteen year-old Katie has grown up in a remite cabin on the edge of a volcar o with her father and their friend Lorraine, the only people she has ever seen, but, after eagerly anticipating it is so long, her first trip into a town ultimately brings tragedy nto their lives. [1. Wilderness reas-Fiction. 2. Frontier and pioneer life-Fiction. 3. Violence-Fiction. 4. Volcanoes-Fiction.] I. Title. PZ7.N43383Vo 2011 [Fic]-dc22 2008053557 ISBN 978-0-399-252

Just because the isbn matches ...



It doesn't mean the rest of the record does.

And just because the isbn matches it doesn't mean the title does...

245 1 0 Handmade holiday cards from wentieth-century artists

: +b from the collections of the Smithsonian's Archives of American Art

And the title page says:



Do not use parallel language records (they have a language code in 040 | b

040			DE-604 +e rakwb +b ger +c DEBBG
020		E	9782839905213
020			2839905213
090			+b
049			C000
100	1		Walker, George.
245	0	0	Marie-Thérèse Maurette : +b pioneer of inernational education / +c George Walker.
260			Genève : +b Internat. School of Geneva, +c 2009.
300			84 S. : +b III.

Please check out:

Fastcat

Acquisitions & Automated Technical Services	Cataloging & Metadata Services	E-Resources, Serials & Post-Cataloging Services

- Library Technical Services
 - Search LTS
 - Procedures & Documentation
 - Projects & Initiatives
 - Resources & Tools
 - Services
 - Training
 - . Who We Are

Submitted by admin on Tue, 04/28/2009 - 13:47

Fastcat (LTS Procedure #4)

Scope: *This documents fast cataloging procedures for all fastcat units across LTS. See also* Distribution of Non-Fastcat Books after Receiving/Inputting

RDA for Inputters--

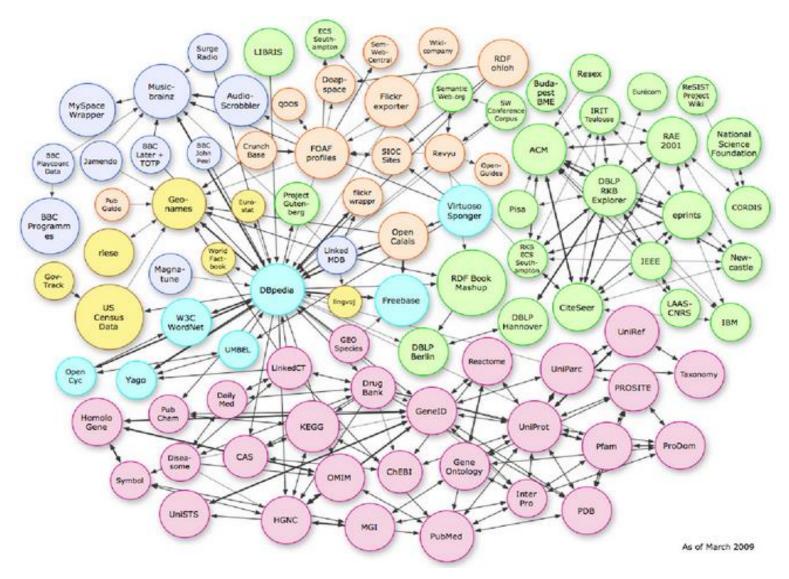
By Ardeen White

With help from Glen Wiley, Sarah Ross, and Cynthia Rich. Based on a presentation by Adam L. Schiff



- Cataloging rules
 - AACR first appears in 1967
 - AACR2 in 1978 with significant revisions in 1988,
 2002 and 2004
- Consider the evolution of today's bibliographic and information space
- New format-AACR2 kept adding new chapters
- RDA uses guidelines and instructions that will describe all types of resources
- More universally common and understood vocabulary

Semantic Web





- Main page Contents Featured content Current events Random article Donate to Wikipedia Wikimedia Shop
- Interaction Help About Wikipedia Community portal Recent changes Contact Wikipedia
- Toolbox
- Print/export
- Languages العريبة Български Català
 - Česky

Dansk

Deutsch

Eesti

Ελληνικά

Español

Ecoeranto

Main P	ane	Talk
IVICALLE	auc	I CAIIN

Welcome to Wikipedia,

the free encyclopedia that anyone can edit. 4,175,288 articles in English

From today's featured article



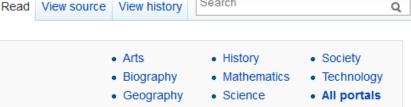
Did vou know...

Highway 61 Revisited is the sixth studio album by the American singer-songwriter Bob Dylan, released in August 1965. Having until then recorded mostly acoustic music, Dylan used rock musicians as his backing band on every track of the album, except for the closing 11-minute ballad, "Desolation Row". Critics have focused on the innovative way in which Dylan combined driving.

blues-based music with the subtlety of poetry to create songs that captured the political and cultural chaos of contemporary America. Leading with the single "Like a Rolling Stone" (a top-10 hit in several countries), the album features songs that Dylan has continued to perform live over his long career, including "Ballad of a Thin Man" and "Highway 61 Revisited". He named the album after the major North American highway connecting his birthplace, Duluth, Minnesota, to southern cities famed for their musical heritage, including St. Louis, Memphis, and New Orleans. The album, which peaked at No. 3 in the United States charts and No. 4 in the United Kingdom, was ranked No. 4 on Rolling Stone's 500 Greatest Albums of All Time. "Like a Rolling Stone" was listed at No. 1 on Rolling Stone's 500 Greatest Songs of All Time list. (Full article...)

Recently featured: Fort Dobbs (North Carolina) - Grand Teton National Park – Typhoon Chataan

Archive – By email – More featured articles...



Search

In the news

- Following an in-flight explosion, a hot air balloon crashes near Luxor, Egypt, killing 19 people.
- In the Italian general election, the centre-left alliance Italy Common Good, led by the Democratic Party, wins a majority in the Chamber of Deputies, while no alliance wins a majority in the Senate.
- Argo wins Best Picture and Daniel Day-Lewis a record third Best Actor at the 85th Academy Awards.
- In stock car racing, Jimmie Johnson wins the Daytona 500 as pole winner Danica Patrick becomes the first woman to achieve a top-10 finish in the event's history.
- Nicos Anastasiades is elected president of the Republic of Cyprus.
- Two clashes between tribes in North Darfur, Sudan, leave at least 81 people dead.

Recent deaths: Van Cliburn – C. Everett Koop

Wikinews – More current events...

On this day ...

February 28: Kalevala Day in Finland; Teachers' Day in the Arab world

1874 – In one of the longest cases ever

board in an English court, the defendant

RDAINPUTTING.TEM

Z Voyager Cataloging - [Bib Template: RDAINPUTTING.TEM]									
🔶 Fi	le Edit	R	ecor	d Display Options Window Help					
New	• 🗧	Den		Image: Search Headings Titles Save to DB Save Plus Get Bib New Hidgs Set Hidgs New Items Get Items Hierarchy Help					
MARC									
Suppress from OPAC									
Leader 00488nam a22001935i 4500 00 <u>6</u>									
	005:			007					
0	08 13	3020	15 s	xxu ab001_0_eng_d					
	Tag	11	12	Subfield Data					
	020			‡a					
	040			‡a NIC ‡b eng ‡c NIC ‡e rda					
	100	1		‡a					
	245	1	0	‡a:‡b/‡c					
	246	3		‡a					
	264		1	‡a : ‡b , ‡c publication date					
	300			‡a pages : ‡b illustrations ; ‡c cm					
	336			‡a text ‡2 rdacontent					
	337			‡a unmediated ‡2 rdamedia					
	338			‡a volume ‡2 rdacarrier					
	490	0		‡a;‡v-					
	504			‡a Includes bibliographical references (pages) and index.					
	7XX			‡a					

RDA Incorporates Transcription-ALOT!

In RDA most of the bibliographic record is based on transcription.

What is transcription?

Transcription is taking the information exactly as found on the chief resource. This means:

- 1. Do not abbreviate full forms of found information
- 2. Generally, *do not convert* one form of found information to another form
- 3. Generally do not omit information (e.g., part of a publisher name, responsible bodies beyond three in a statement of responsibility)

Fear not ...

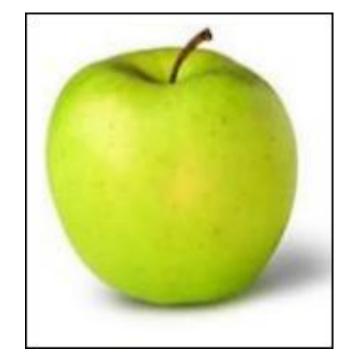
We won't be converting perfectly good AACR2 records to RDA.

--a comparison

AACR2



RDA



245 Title transcription: Recording inaccuracies

AACR2

- 245 10 \$a Micromagentic [sic] study of magnetoeleastic materials / \$c Yunfei Ma.
- 246 3_ \$a Micromagnetic study of magnetoeleastic materials

RDA

- 245 10 \$a Micromagentic study of magnetoeleastic materials / \$c Yunfei Ma.
- 246 1_ \$i Title should read: \$a Micromagnetic study of magnetoeleastic materials

245 Title transcription: Recording punctuation

AACR2

245 00 \$a If *elected*-- : \$b presidential campaigns from Lincoln to Ford, as reported by the New York times / \$c edited by Arleen Keylin and Eve Nelson. RDA

245 00 \$a If elected... : \$b presidential campaigns from Lincoln to Ford, as reported by the New York times / \$c edited by Arleen Keylin and Eve Nelson.

Title appears on chief source as: If elected...

245 Title: Parallel titles (\$b)

AACR2

- 245 10 \$a Modern English-Lao, Lao-English dictionary / \$c by Bounmy Soukbandith.
- 246 1_ \$i Parallel title on cover: \$a Vatchanānukom samai mai 'Angkit-Lāo, Lāo-'Angkit

Taken only from title page.

RDA

- 245 10 \$a Modern English-Lao, Lao-English dictionary = \$b
 Vatchanānukom samai mai 'Angkit-Lāo, Lāo-'Angkit / \$c
 by Bounmy Soukbandith.
- 246 <mark>31</mark> \$a Vatchanānukom samai mai 'Angkit-Lāo, Lāo-'Angkit

Taken from anywhere on item.

245 Title: Parallel titles (\$b)

AACR2

245 10 \$a International meteorological vocabulary = \$b Vocabulaire météorologique international.

246 31 \$a Vocabulaire météorologique international

Limits on how many to add.

RDA

- 245 10 \$a International meteorological vocabulary = \$b Vocabulaire météorologique international = Mezhdunarodnyĭ meteorologicheskiĭ slovar' = Vocabulario meteorológico internacional.
- 246 31 \$a Vocabulaire météorologique international
- 246 31 \$a Mezhdunarodnyĭ meteorologicheskiĭ slovar'
- 246 31 \$a Vocabulario meteorológico internacional
- No limit on how many to add.

245 Statement of Responsibility: Sources (\$c)

AACR2

245 10 \$a Environmental data for the eastern North Pacific and Bering Sea / \$c [by Edward J. Gregr and Ryan Coatta].

Statement of responsibility taken from title page verso, therefore bracketed.

RDA

- 245 10 \$a Environmental data for the eastern North Pacific and Bering Sea / \$c by Edward J. Gregr and Ryan Coatta.
- Sources that can be used for statement of responsibility are expanded in RDA. Only statements taken from outside the resource itself are enclosed in square brackets.

245 Statement of Responsibility: Rule of Three (\$c)

AACR2

245 00 \$a Second growth : \$b community economic development in rural British Columbia / \$c Sean Markey ... [et al.].



RDA

245 10 \$a Second growth : \$b community economic development in rural British Columbia / \$c Sean Markey, John T. Pierce, Kelly Vodden, and Mark Roseland.

The Rule of Three is GONE! No more *... [et al.]* No more Latin.

245 Statement of Responsibility: Rule of Three (\$c)

RDA

- 245 10 \$a Third growth : \$b community economic development in rural British Columbia / \$c Sean Markey, John T. Pierce, Kelly Vodden, and Mark Roseland.
- LTS Policy: Transcribe the first 4-5 authors listed if there are many.

RDA Optional Omission

245 10 \$a Third growth : \$b community economic development in rural British Columbia / \$c Sean Markey [and ten others].

245 Statement of Responsibility: Rule of Three ex. 1 (authors)

AACR2

245 00 \$a Managing bird damage to fruit and other horticultural crops / John Tracey ... [et al.].

RDA

- 100 1_ \$a Tracey, John Paul, \$e author.
- 245 10 \$a Managing bird damage to fruit and other horticultural crops / John Tracey, Mary Bomford, Quentin Hart, Glen Saunders, Ron Sinclair.

245 Statement of Responsibility: Rule of Three & corresponding access points ex. 1 (authors)

AACR2

- 245 00 \$a Managing bird damage to fruit and other horticultural crops / John Tracey ... [et al.].
- 700 1_ \$a Tracey, John Paul.
- Adding 100 changes 245 1st/ indicator to 1. 700s are optional.

RDA

- 100 1_ \$a Tracey, John Paul, \$e author. [required]
- 245 10 \$a Managing bird damage to fruit and other horticultural crops / John Tracey, Mary Bomford, Quentin Hart, Glen Saunders, Ron Sinclair.

700 1_ \$a Bomford, Mary. [opt.]

- 700 1_ \$a Hart, Quentin. [opt.]
- 700 1_ \$a Saunders, Glen. [opt.]

700 1_ \$a Sinclair, Ron. [opt.]

245 Statement of Responsibility: Rule of Three ex. 2 (editors)

AACR2

RDA

245 00 \$a Sexual justice/cultural justice : \$b critical justice : \$b critical justice : \$b critical perspectives in political theory and practice / \$c edited by Barbara Arneil ... [et al.].
245 00 \$a Sexual justice/cultural justice/cultural justice : \$b critical perspectives in political theory and practice / \$c edited by Barbara Arneil, Monique Deveaux, Rita Dhamoon and Avigail Eisenberg.

245 Statement of Responsibility: Rule of Three &

corresponding access points ex. 2 (editors)

AACR2

- 245 00 \$a Sexual justice/cultural justice : \$b critical perspectives in political theory and practice / \$c edited by Barbara Arneil ... [et al.].
- 700 1_ \$a Arneil, Barbara.

First 700 is required.

The rest are optional.~

RDA

245 00 \$a Sexual justice/cultural justice : \$b critical perspectives in political theory and practice / \$c edited by Barbara Arneil, Monique Deveaux, Rita Dhamoon and Avigail Eisenberg. *¬*700 1_ \$a Arneil, Barbara. [req.] 700 1 \$a Deveaux, Monique. [opt.] 700 1 \$a Dhamoon, Rita, \$d 1970-[opt.] 700 1_ \$a Eisenberg, Avigail I., \$d 1962-[opt.]

245 Statement of Responsibility: Recording titles and other words associated with a name (\$c)

AACR2

245 00 \$a Lasers in medicine / \$c edited by Ronald W. Waynant ; foreword by Leon Goldman.

245 10 \$a Gold fever : \$b a narrative of the great
Klondike Gold Rush, 18971899 / \$c by R.M. Dickey ; edited by Art Petersen.

RDA

245 00 \$a Lasers in medicine / \$c edited by Ronald W. Waynant ; foreword by the late Dr. Leon Goldman.

245 10 \$a Gold fever : \$b a narrative of the great Klondike Gold Rush, 1897-1899 / \$c by the Reverend R.M. Dickey ; edited by Art Petersen.

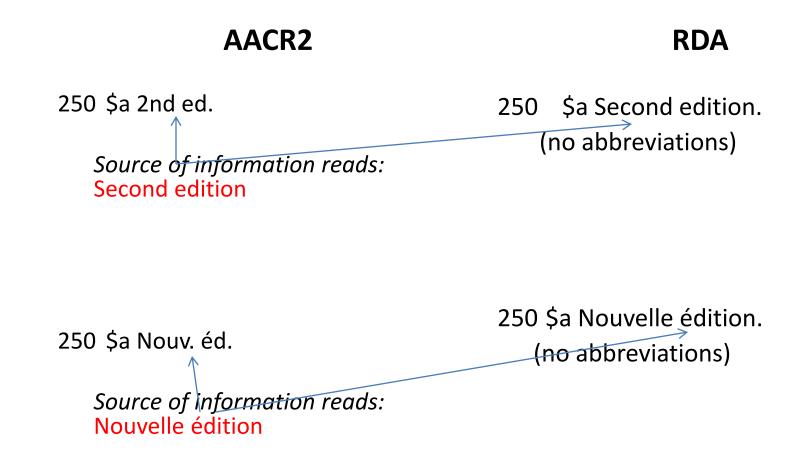
245 Statement of Responsibility: Recording affiliations (\$c)

RDA

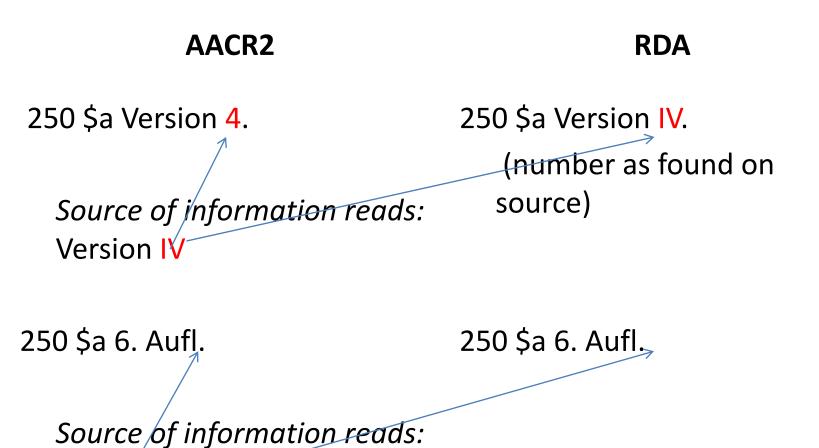
‡a Boutique and lifestyle hotels : ‡b emerging definitions / ‡c prepared by: Dr. Jonathon Day Purdue University, Donna Quadri, New York University, Dr. David Jones, Hong Kong Polytechnic University ; prepared for: Frances Kiradjian, founder, Boutique and Lifestyle Lodging Association.

LTS Policy: Affiliations are recorded if not burdensome.

250 Edition Statement



250 Edition Statement



6. Aúf

New field alert!

AACR2

RDA

• 260 • 264: 1:

Hot off the presses:

In AACR2, you will be soon be seeing both 260's and 264's -even in the same record. It's OK!

260/264 Publication, Distribution, Etc.: Abbreviating places (\$a)

AACR2

260 \$a Vancouver, B.C. : \$b Vancouver Historical Society, \$c 1970.

RDA

264 1 \$a Vancouver, British
Columbia : \$b Vancouver
Historical Society, \$c 1970.

Source of information reads: Vancouver, British Columbia 260/264 Publication, Distribution, Etc.: Abbreviating places and recording hierarchy (\$a)

AACR2

260 \$a Victoria, B.C. : \$b
Dept. of Geography,
University of Victoria, \$c
1979.

Source of information reads: Department of Geography, University of Victoria, Victoria, British Columbia, Canada

RDA

264 1 \$a Victoria, British
Columbia, Canada : \$b
Department of Geography,
University of Victoria, \$c
1979.

260/264 Publication, Distribution, Etc.: Recording hierarchy in place (\$a)

AACR2

RDA

260 \$a Vancouver, B.C. : \$b Ronsdale Press, \$c c2002. 264 1 \$a Vancouver, B.C.,
Canada : \$b Ronsdale Press,
\$c [2002]

Source of information for place of publisher reads: Vancouver, B.C., Canada

260/264 Place of Publication, Distribution, Etc.: Recording multiple places (\$a)

AACR2

260 \$a Toronto ; \$a Buffalo :\$b University of TorontoPress, \$c c1996.

Source of information reads: University of Toronto Press, Toronto, Buffalo, London. Record created by a U.S. library.

RDA

- 264 1 \$a Toronto ; \$a Buffalo ; \$a London : \$b University of Toronto Press, \$c [1996]
 - or
- 264 1\$a Toronto : \$b University of Toronto Press, \$c [1996]

If more than one place of publication appears on the source of information, <u>only the</u> <u>first recorded</u> is required. 260/264 Place of Publication, Distribution, Etc.: Recording names (\$b)

AACR2

- Drop initial articles.
- Shorten to form in which it can be understood
 ex. Penguin

(not Penguin Books)

RDA

- Include initial articles ex. The World Bank
- Do not shorten

ex. Open Hand Publishing, Inc., Division of Rand Publishing 260/264 Place of Publication, Distribution, Etc.: Recording multiple names (\$b)

AACR2

 If more than one publisher's name appears on the source of information, record all

RDA

 If more than one publisher's name appears on the source of information, only the first in source is required. 260/264 Place of Publication, Distribution, Etc.: Recording ambiguous dates (\$c) – advanced level

AACR2	RDA
[1971 or 1972]	[1971 or 1972]
[1969?]	[1969?]
[between 1906 and 1912]	[between 1906 and 1912]
[ca. 1960]	[1960?]
[197-]	[between 1970 and 1979]
[197-?]	[between 1970 and 1979?]
[18]	[between 1800 and 1899]
[18?]	[between 1800 and 1899?]

260/264 Place of Publication, Distribution, Etc.: Supplying information (all fields)

A date of publication or probable date of publication must always be recorded in RDA.

LTS Policy: If no place or date is given in the book, record your best guess in square brackets. If only copyright date or printing date is given, use that in square brackets for establishing a probably publishing date. Add a question mark (?) after date if not sure. 260/264 Place of Publication, Distribution, Etc.: Use of square brackets (all fields)

AACR2

RDA

260 \$a [Beltsville, Md.? : \$b Agricultural Research Service, \$c 1997] 264 1 \$a [Beltsville, Maryland?] : \$b [Agricultural Research Service], \$c [1997]

[Brackets are inclusive]

[Each] [field] [is] [bracketed] [separately] 300 Recording extent of text: Single volumes (\$a)

a) If the volume is paginated (i.e., if there are page numbers on both sides of the leaves), record the number of pages.

300 \$a 327 pages

b) If the volume is foliated (i.e., if there are leaf numbers on only one side of the leaves), record the number of leaves.

300 \$a 321 leaves

c) If the volume consists of sequences of leaves and pages, or pages and numbered columns, or leaves and numbered columns, record each sequence if easily determined. Otherwise use: 1 volume (various pagings)

d) Record unnumbered pages:

300 \$a 1 volume (unpaged)

300 Recording extent of text: Recording illustrations (\$b)

In the |b, record *illustration* or *illustrations*, as appropriate. A table containing only words and/or numbers are not considered as illustrative content. Disregard illustrated title pages, etc., and minor illustrations.

AACR2

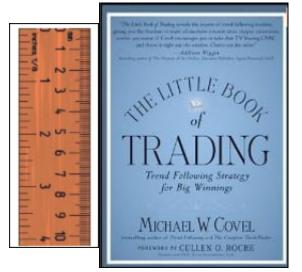
300 \$a xxiii, 554 p. : \$b ill. ; \$c 24 cm

RDA

300 \$a xxiii, 554 pages : \$b illustrations ; \$c 24 cm For inputting, regard illustrations and maps as 'illustrations'. Remember to code corresponding byte in the 008>Illustrations.

300 Recording extent of text: Recording dimensions (\$c)

In the |c, record dimensions in centimeters to the next whole centimeter up, using the metric symbol cm (e.g., if the height measures 17.2 centimeters, record 18 cm).



FYI only: 3xx new fields*

336 - Content Type = what is it?

The form of communication through which a work is expressed. *Example for monographs:* text

337 - Media Type = how is it stored?

The general type of intermediation device required to view, play, run, etc., the content of a resource. *Example for monographs:* unmediated

338 - Carrier Type = where is it stored?

The format of the storage medium and housing of a carrier. *Example for monographs:* volume

*These will generally be handled by macros or templates.

Another news flash:

You may start seeing 33X fields in AACR2 records.

These will be replacing the GMD (general material designation), 245 ‡h bibliographic records for non-print materials such as electronic or audiovisual materials.

490 Series: Recording numbering (\$v)

AACR2

490:0 : \$a Dictionary of literary biography ; \$v v. 68 *Numbering on source of information:* Volume Sixtyeight

RDA

490:0 : \$a Dictionary of literary biography ; \$v volume 68

490:0 : \$a B.C. geographical series ; \$v no. 51 *Numbering on source of information:* NUMBER 51 490:0 : \$a B.C. geographical series ; \$v number 51

490 Series: Recording numbering (\$v)

AACR2

490:0 : \$a The last legionary ; \$v bk. 4 *Numbering on source of*

information: **Book** Four

RDA

490:0 : \$a The last legionary ; \$v book 4

490:0 : \$a Canadian essays and 4 studies ; \$v 6 *Numbering on source of information:* VI

490:0 : \$a Canadian essays and studies ; \$v VI

490 Series: Recording numbering (\$v)

AACR2

490:0 : \$a Memoir / Royal British Columbia Museum, \$x 0843-5383 ; \$v no. 4 Numbering on source of information: No. 4

RDA

490:0 : \$a Memoir / Royal British Columbia Museum, \$x 0843-5383 ; \$v no. 4

490:0 : \$a Amsterdamer Publikationen zur Sprache und Literatur ; \$v 5. Bd. *Numbering on source of information:* 5. Band 490:0 : \$a Amsterdamer Publikationen zur Sprache und Literatur ; \$v 5. Band A note on access points (1xx and 7xx):

 Add an access point for first name mentioned in the 245 \$c. Others are optional if not burdensome.

Oxx fields

AACR2

- Add 010
- Add all 020s

RDA

- Add 010 no change
- Add all 020s no change

Fixed fields: Leader

AACR2

Encoding Level = 5

Cataloging Form = a

RDA

Encoding Level = 5 (the same) Cataloging Form = i (new)

Record Status	c : Corrected or revised
Type of Record	a : Language material
Bibliographic Level	m : Monograph/item
Type of Control	_: No specific type of control
Encoding Level	5 : Partial (preliminary) level
Cataloging Form	i : ISBD punctuation included
Multipart Resource	_: Not specified or not applicable

Fixed fields: 008

AACR2

Code :

- Code Publication Status
- Date 1
- Place of Publication
- Illustrations = a for illustrations; b for maps
- Language

RDA

Code :

- Code Publication Status
- Date 1
- Place of Publication
- Illustrations = a for illustrations
- Language

Why it's easy to miss seeing things...

 Aoccdrnig to a rscheearch at Cmabrigde Uinervtisy, it deosn't mttaer in waht oredr the ltteers in a wrod are, the olny iprmoetnt tihng is taht the frist and lsat ltteer be at the rghit pclae. The rset can be a toatl mses and you can sitll raed it wouthit porbelm. Tihs is bcuseae the huamn mnid deos not raed ervey lteter by istlef, but the wrod as a wlohe.

But it's the quality of the data that counts. It's worth the time and effort or ...

Records can't overlay with OCLC matches

and

Books become inaccessible and lost in the stacks

In Summary

- Take what you see
- Fewer abbreviations
- More transcription
- No more "Rule of Three"; no [et al.]; no Latin
- 4 new fields: 264, 336, 337, 338
- Templates and macros are your friends
- Accuracy of data is more important than punctuation
- Don't stress a cataloger will be working on the record. We're all part of the same team with the same goal

Where are we now in LTS?

- •Original catalogers have been cataloging monographs in RDA for several months now. They have been trained to create authority records using RDA standards.
- And they have also had training in creating serial records.
- Copy catalogers have been trained in RDA for monographs.
- Fastcatters will received RDA training in the near future.
- Acquisitions will now begin inputting monographs and serials using RDA standards. Acquisition will also begin converting some bad vendor records into RDA with increasing frequency over time.

As rules for such formats as video recordings and electronic resources become more defined, LTS will begin cataloging those in RDA as well.

Hands-on exercise: 'Intergenerational communication'

Using the class handout, create an inputting record for the following fields:

020	
100	
245	
246	
250	
264: 1:	
300	
490:0 :	
700:1 :	
700:1 :	
700:1 :	



Title page:

Intergenerational Communication a research study

Amy Lewis Carl Hayes Jack Ortz Sarah Stair research assistance by Heather Durey

United States Research Council - @2009

Title page verso:

USRC research report number XVI First revised edition Distributed in the U.S. by Lloyd, Inc. (Chicago) ISBN 971-46-80700-27-5

Last numbered page: 212

- 100:1: \$a Lewis, Amy.
- 245:10: \$a Intergenerational communication: \$b a research study/\$c Amy Lewis, Carl Hayes, Jack Ortz, Sarah Stair; research assistance by Heather Durey.
- 246:1: \$i Corrected title: \$a Intergenerational communication
- 250: : \$a First revised edition.
- 264:1: \$a [United States]: \$b United States Research Council, \$c [2009?]
- 300: : \$a 212 pages
- 490:0: \$a USRC research report; \$v number XVI