CATALOGUING ON THE EDGE

emerging standards for bibliographic data
Acknowledgments

Thank You

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Today

- What will change and what we will gain by adopting RDA
- LAC activities and implementation
- How to prepare for implementation if/when you do
- Answers to your questions
What is RDA?

a **content standard** to replace AACR2

designed for working online, and for describing all types of resources, including those accessed online

going to help us create well-formed metadata that will improve our systems and therefore the user experience

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well-formed data

- is based on a conceptual understanding of the bibliographic universe = extensible
- consists of elements that are used to find, identify, select, obtain, find, identify, clarify, understand
- is accurate & precise & machine usable
new emphasis: accuracy & precision

- truthful representation balanced with accuracy
- specify relationships with designators to clarify
- record data elements in distinct and labeled chunks
- more controlled vocabulary
RDA is not

- just a set of different rules, it is a new way to see the bibliographic universe
- Anglo-American, and does not assume we are either!
- meant for creating card catalogues
- going away
RDA is not

[sic]

... [et. al.]

[S.l.]

[133] p. : ill. (some col.)

Aesop’s fables. Polyglot
a few practical differences

- Transcribe as found on preferred source (warts and all)
- No rule of 3; option to summarize by Michael Crummey [and 5 others]
- Do not introduce abbreviations

[Place of publication not identified]
133 unnumbered pages

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Group 1 entities in FRBR

I need to read the novel for an English exam
  I want access to the WORK
I want an audio version for commuting
  I need to find a particular EXPRESSION
I prefer a paperback copy when traveling
  I want a particular MANIFESTATION
I need to find the copy I borrowed, it is overdue
  I need a particular ITEM
an item in R’s collection

one example of the Beach Holme Pub’g manifestation

an embodiment of the original English expression

a realization of the work by M. Crummey
3 new elements

general material designations have been replaced by 3 new data elements

content type
media type
carrier type
content Type

the fundamental form of communication in which the content is expressed and the human sense through which it is intended to be perceived

- spoken word
- text
- computer program

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media Type

a categorization reflecting the general type of intermediation device required to view, play, run, etc., the content of a resource

- audio
- unmediated
- computer
carrier Type

a categorization reflecting the format of the storage medium and housing of a carrier

- audio disc
- volume
- online resource
Three servings: in which the reader is offered generous portions of boiled dinner / by Mary-Lynn Bernard, Michael Crummey and Andy Jones; original linocuts by Tara Bryan.
Hope & Ruin / The Trews

content type = performed music
media type = computer
carrier type = audio disc
Galore: novel / by Michael Crummey; narrated by John Lee

content type: spoken word -- expression
media type: computer -- manifestation
carrier type: online resource -- manifestation

Crummey, Michael, author -- work
Lee, John, narrator -- expression
relationships are specified

Bernard, Mary-Lynn, 1956-   author

Three servings: in which the reader is offered generous portions of boiled dinner / by Mary-Lynn Bernard, Michael Crummey and Andy Jones; original linocuts by Tara Bryan.

Crummey, Michael   author

Jones, Andy   author

Bryan, Tara   illustrator
Flesh & blood: stories / by Michael Crummey.

contains (work): Crummey, Michael. After image
relationship designators

Afterimage / by Robert Chafe; adapted from the short story by Michael Crummey.

Chafe, Robert, author.

adaptation of (work) :

Crummey, Michael. After image

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what if?

- instead of long hitlists (in some kind of order based on your system’s proprietary algorithms) we give people clear, visual clues to help them navigate results.

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Crummey, Michael.
Crummey, Michael, 1965 -
http://viaf.org/viaf/74089186
the bad news

works, expressions, manifestations, items are all
crammed into status quo bibliographic records
~ 12 different RDA data elements map to 300 $b
~ 4 different types of dates map to 260 $c

... stored in the MARC communication format, our
data will still be ambiguous and imprecise, thus
not optimized for machine processing

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database / format scenarios

the future of library data

- elements are distinct and precisely defined
  - each element contains only one kind of data
  - controlled vocabulary values for many which can be interpreted by machines to
    - return reliable results, limit results effectively
    - automate processing, matching
    - generate meaningful displays
choices in RDA

- elements beyond Core and Core if that allow us to find, identify, select, obtain
- alternatives to do something different than instructed
- optional omissions
- optional additions
- continue using your existing policies

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going forward

- Learn FRBR basics
- Discuss your implementation options
  - now that rule of 3 is gone, how many is enough
  - what recon will you/can you do
  - index or display relationship designators
  - can your system display icons based on new 33X
RDA records in LC’s catalogue
http://catalog.loc.gov/
  basic search  040e rda
  click Expert Search in the Search Type box

RDA records in Connexion
http://connexion.oclc.org
  command search  dx:rda
  combine with and mt:kit to see various formats
Implementation at LAC will happen when the French language version is complete. ASTED, LAC, BnF, BAnQ are working on one, target date is November.

So far they’ve agreed on the translation of glossary terms, definitions, recurring phrases; they’ve divided the text up between them, and have established a review process.

The French translation will be incorporated into the Toolkit.
What’s happening at LAC

Decisions on options and alternatives - internal review & review with the BAnQ and CCC done. Next step to translate document and launch online.

Policy statements replacing RI’s - document to go through internal review.

LC core elements - internal review done. Next steps to discuss with BAnQ, have CCC review.

- JSC is forming an examples group.
Activities in Canada

Training module development
http://rdaincanada.wikispaces.com

Conference sessions, conference calls, Skype, Adobe connect
Planning for implementation late 2011 / early 2012
Where are the vendors?

RDA is not just a set of rules; new MARC tags alone are not going to get this job done

“Somebody is going to eat your lunch!”

– Diane Hillman’s Code4Lib 2011 keynote
Byrne and Goddard, 2010

- the semantic web relies on highly structured metadata that allow computers to understand the relationships between objects
- the technology is ready; it is now a matter of getting libraries and librarians ready as well
Raising awareness in the library community of the potential of linked data and RDF as a data model is an important next step to ensuring the successful integration of the library catalogue into the potential benefit of the semantic Web of the future.
RDA is

- designed to work in current catalogues, be compatible with AACR2 records and co-exist well into the future

- enabling us to take advantage of new database structures, create data that can function in linked data environment, make library data visible in the web and play well with other types of metadata

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recommended watching

Using RDA: Moving into the Metadata Future
http://www.alastore.ala.org

Diane Hillman’s Code4Lib 2011 keynote +

David McCandless: the beauty of data visualization
http://www.ted.com/talks/
Thanks for listening!

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