

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

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.I.]

[1 33] 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

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

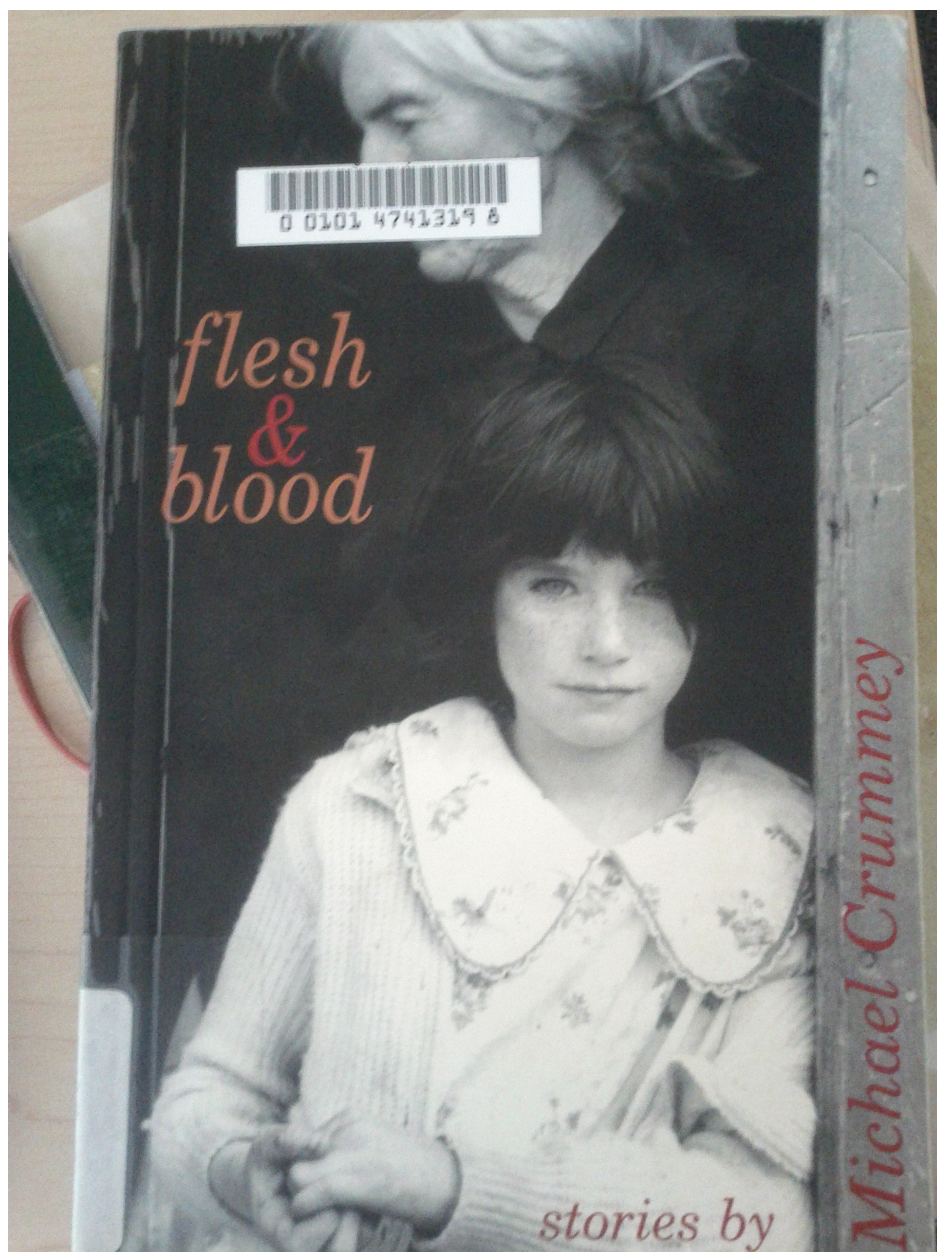
I need to find a particular **EXPRESSION**

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**



4 entities - 1 object

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general material designations have been replaced by 3 new data elements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

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.

content type: text
media type: unmediated
carrier type: volume



Hope & Ruin / The Trews

content type = performed music

media type = computer

carrier type = audio disc

mp3/WMA via booksonboard.com

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.

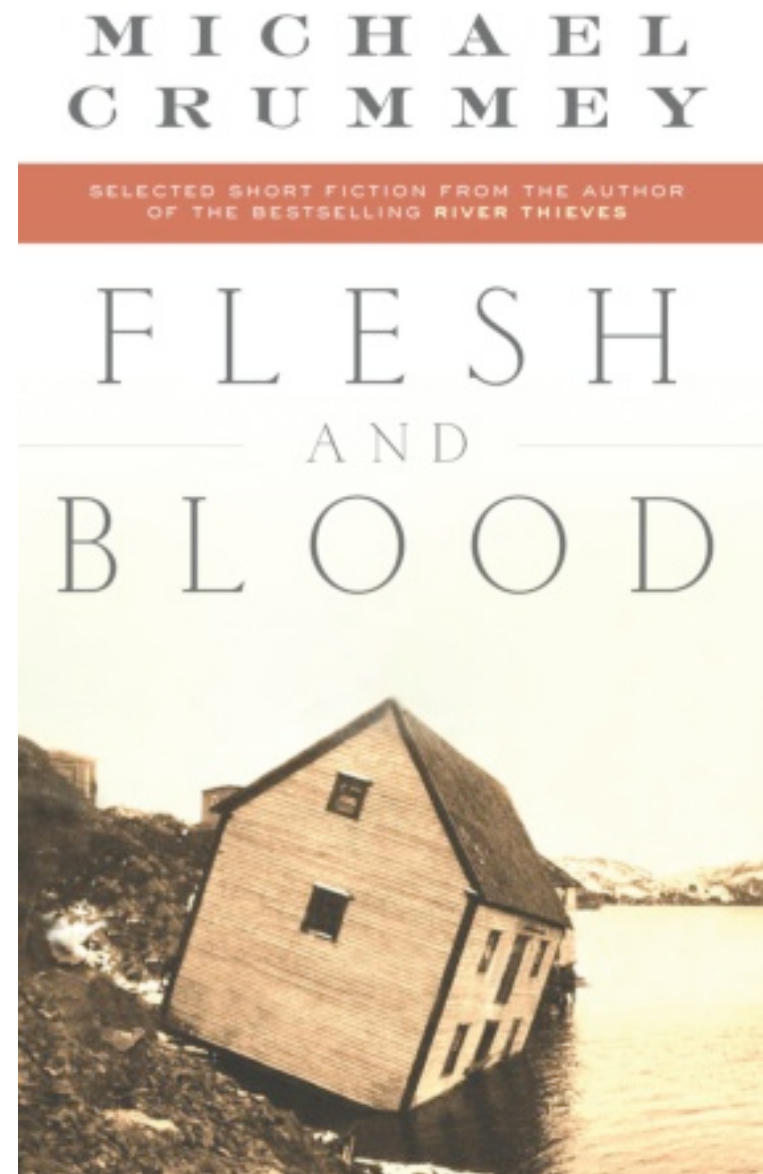
Crummey, Michael **author**

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*

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





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

database / format scenarios



[http://www.niso.org/news/events/2009/
bibcontrol09/slide1.swf](http://www.niso.org/news/events/2009/bibcontrol09/slide1.swf)

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

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

RDA en français



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

Knight, 2011



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

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/>

<http://rdaincanada.wikispaces.com>



Thanks for listening!

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