

The future of cataloging is now!

RDA Resource Description and Access
Keynote: Kathryn La Barre,
Indiana Library Federation, Fort Wayne,
IN 11-13-11

Thanks

- Indiana Library Federation
- Andrea Morrison
- Marjorie Bloss
- **GSLIS RDA testers!! 25 people**

Students: Melissa Cardenas-Dow, Ann Heinrichs, Anna Lattin, Nicole Ream-Sotomayor, Matthew Short, Cynthia Turski, Kristen Vollmer, Harriet Wintermute

Library faculty: Atoma Batoma, Fang Gao, Myung-Ja Han, Gail Hueting, Janet Weber

Instructors: Cheryl Tarsala, Paul Weiss

Don't worry, be happy...
Everything is going to be all right
>isn't it?



FurrBrr??



FRBR
FOR REDNECKS BY REDNECKS

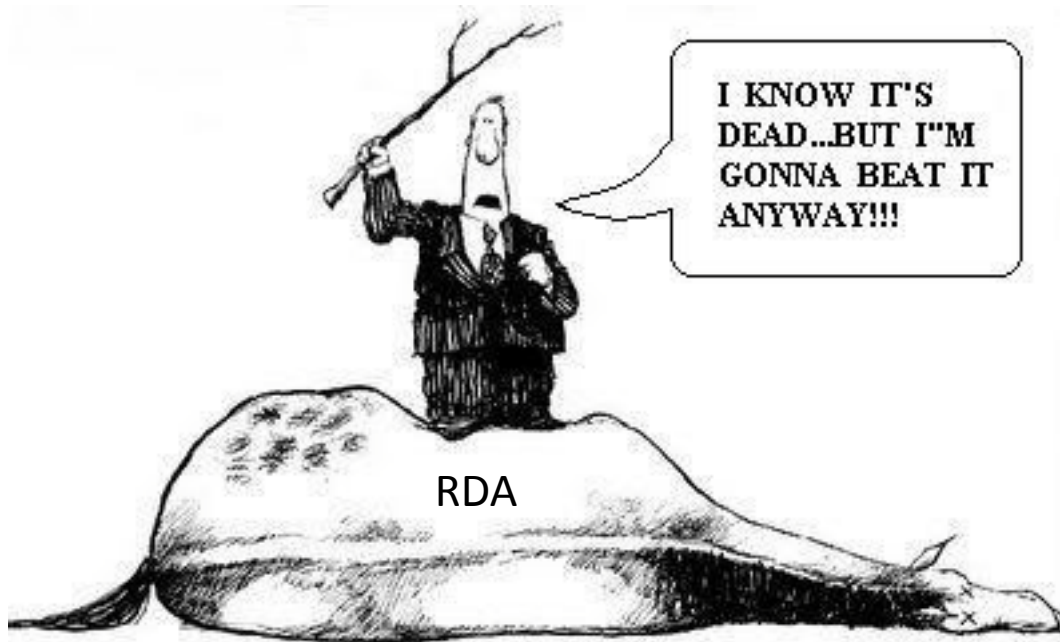
*Get your
GEAR ON!*



<http://zadkin.free.fr/bear2.jpg>

<http://www.dofrbr.com/>

What do we know about RDA?



http://i632.photobucket.com/albums/uu46/RosaBella75/beating_a_dead_horse.jpg



<http://www.likecool.com/Home/Accessories/Money%20to%20Burn%20Fire%20Starters/Money-to-Burn-Fire-Starters.jpg>

RDA

Resource description and access

HTTP
Hypertext Transfer Protocol

RDF
Resource Description Framework

FRBR
Functional requirements for bibliographic records

XML
Extensible Markup Language

URI
Uniform Resource Identifier

LAM
Libraries Archives and Museums

LOD
Linked Open Data

SPARQL
RDF Query Language

OWL
Web Ontology Language

SKOS
Simple Knowledge Organisation System

MARC 21-----son of MARC?



LIBRARY OF CONGRESS: 10-31-11

We agree MARC21 is ‘no longer fit for the purpose’

“committed to developing, in collaboration with librarians, standards experts, and technologists a new bibliographic framework that will serve the associated communities well into the future.”

<http://www.loc.gov/marc/transition/news/framework-103111.html>

<http://www.ibiblio.org/wm/paint/auth/memling/old-woman.jpg>

http://4.bp.blogspot.com/_PIh0BUtnTI/SOppWjUFisI/AAAAAAAAABY/Fo3L8ocUUW8/s320/Red+headed+stepchild_carrot+top_02.jpg



http://www.allfromweb.net/img/misc/overwhelmed_and_overloaded/overwhelmed_2.jpg

The past powering the future

http://www.nasa.gov/multimedia/imagegallery/image_feature_2084.html



Endeavour and Atlantis space shuttle engines prepped for repurposing on the Space Launch System, a next generation heavy lift rocket.

Overview

- RDA test
- Recommendations
- What next?
- RDA in action (core)
- Lessons learned
 - FRBR
 - Bibliographic Framework Initiative

The RDA TEST

- Library of Congress (LC),
- National Agricultural Library (NAL),
- National Library of Medicine (NLM)
- *26 sites:*
 - *vendor,*
 - *Library: public, academic, school, special,*
 - *GSLIS group*
(Dominican, U Illinois, UW Milwaukee + 10 others)

Test data

- “unexpectedly huge amount of data”
- 10,570 bibliographic records
- 12,800 authority records
- More than 8,000 surveys were submitted

“Do you think that the U.S. community should implement RDA?”

Partners	Yes	Yes with changes
Institutions	34%	28%
Record creators	25%	45%
Open to all	12%	34%

ALA// June 2011>>Goals: Met

- *Provide a consistent, flexible and extensible framework for all types of resources and all types of content.*
- *Be independent of the format, medium, or system used to store or communicate the data.*

Partially met

- *Compatible with internationally established principles and standards.*

Increase harmonization: JSC, ISBD, and ISSN

- *Be compatible with descriptions and access points in existing catalogs and databases.*

Resolve differences in access points

- *Enable users to **find, identify, select, and obtain** resources.*

User tasks not fully verified, mixed feedback

Unmet

- *Be optimized for use as an online tool*
- *Be written in plain English, and able to be used in other language communities.*
- *Be easy and efficient to use, both as a working tool and for training purposes.*

Untested

- *Usable primarily within the library community, but able to be used by other (communities)*

The Semantic Web and Dublin Core communities are developing application profiles based on RDA.

- *Be readily adaptable to newly emerging database structures.*

Some evidence that RDA data are sufficiently granular to enable new types of displays)

Fixing RDA

Within 18>24 months (January 2013>July 2013)

- Rewrite the RDA instructions in clear, unambiguous, plain English.
- Solicit demonstrations of prototype input and discovery systems
- LC as lead / coordinate RDA training (PCC/ALCTS)
- Demonstrate credible progress towards a replacement for MARC.

Within 12 months (July 2012)

- Ensure and facilitate community involvement.
- Prioritize needed updates to practices, decisions, and documentation

Within 6 months (December 2011)

- Announce completion of the Registered RDA Element Sets and Vocabularies.
- Ensure the registry is well described and in synchronization with RDA rules.
- Develop full RDA record examples in MARC and other encoding schema.

Within 3 months (September 2011)

- Improve functionality of the *RDA Toolkit*.
- *Develop timeline and continuous usability testing*
- *Define process for updating online RDA*

Where are we now? <http://www.rda-jisc.org/summaryprog.html> (September 5, 2011)

RDA updates regularized: <twice annually; minor updates - monthly;

- “fast track” low impact proposals, including: correction of typographical errors; addition or removal of examples; addition of terms to vocabularies to be accelerated;
- Users will have a single place (accessible through the RDA Toolkit or in the RDA Toolkit) to stay informed of RDA changes and product changes.

Toolkit interface updates (11-8-11) LCPS

- LCPS now consistent with LC
- RDA browse function improved. "sort by document order" function

Training: November 1,

- LoC RDA-trained catalogers will return to RDA

Plain english? Copyeditor

Point of contact James Hennelly at ALA Publishing.

- 9, Identifying Persons (test case)
- 6, Identifying Works and Expressions 10, Identifying Families, 11, Identifying Corporate Bodies , 17, General Guidelines on Recording Primary Relationships. Done by 6-2012

January 2013 – earliest possible implementation date

ILS vendors are working on implementations...

Business case?

- Little discernible immediate benefit in implementing RDA alone.
- Adoption of RDA will not result in significant cost savings in metadata creation.
- There will be inevitable and significant costs in training.
- Determine if future benefit outweighs these costs – relator codes!

Report and recommendations of the U.S. RDA test coordinating committee p. 11

Why adopt?

RDA is a descriptive cataloging standard that:

- lends itself to easy use in changing digital environments
- allows the relationships among entities to be expressed with few or no impediments
- enables greater use and flexibility in the digital environment
- better describes formats beyond printed monographs and serials
- enables the descriptive metadata created to be used in a linked data world
- supports labeling of data elements for ease of data sharing, within and beyond the library community
- is non- or less Anglo-centric
- allows existing metadata to be readily re-used.

Practical reasons

- Rule of three
- No more abbreviations
- More consistent and rational?
- Better description of non-print information
- No more data silos!
- Relational data model makes reuse simpler

RDA in action?

Title	Strategien der Filmanalyse - reloaded : Festschrift für Klaus Kanzog / Michael Schaudig (Hg.)	
Publisher Info	München : Verlag Schaudig & Ledig GbR, 2010, ©2010	
Subject	Motion pictures -- Philosophy Motion pictures -- History Motion pictures -- Plots, themes, etc	
LOCATION	CALL #	STATUS
Norlin Library--Stacks	PN1995 .S772 2010 Nearby Call Numbers	AVAILABLE

 Send via Text Message 

Description	322 pages : illustrations (some color) ; 24 cm
Series	Diskurs Film ; Band 11 Diskurs Film ; Bd. 11
Note	Includes index Chiefly in German, with one contribution in English
Additional Author	Schaudig, Michael, 1956- editor Kanzog, Klaus, 1926- honouree
ISBN	9783926372116 3926372117
OCLC or Other Control Number	679635203
Call Number	PN1995 .S772 2010

Permanent link to this record => <http://libraries.colorado.edu/record=b6431119~S3>

Comparing

AACR2

- Description
 - ISBD
 - Classes of materials
 - Mode of issuance
 - Type of description
- Access
 - Choice of access points
 - Form of headings
 - References

RDA

- Description
 - Attributes of FRBR entities
 - Types of content and carrier
 - Mode of issuance
 - Mode of description
- Access
 - FRBR relationships
 - FRAD attributes/relationships
 - Subject relationships

Level of description

AACR2 first level

- **title proper**
- **first statement of responsibility**
- edition statement
- material, specific details
- first publisher, etc.
- **date of publication, etc.**
- **extent of item**
- notes
- standard number

RDA core

- **title proper**
- title proper of series / subseries
- **first statement of responsibility**
- designation of edition
- designation named revision of an edition
- numbering within series/subseries
- numbering of serials
- scale of cartographic content
- first place of publication
- first publisher's name
- **date of publication**
- **extent**
- identifier for the manifestation
- carrier type

Lessons learned

RDA test record / GSLIS

100	1		Bellefontaine, Antoine, e novelist.
245	1	0	US RDA TEST COPY RECORD EE Above the coffee shop : #b a novel / #c by Antoine Bellefontaine ; neighborhood sketches by Teri Bellefontaine.
246	1	3	Coffee shop
250			1st edition.
260			Paris : #b Imagination House Press ; #a Ottawa : #b Steward Publishing Ltd, #c [2010?], ©2010.
300			iv, 210 pages : #b illustrations ; #c 25 cm
336			text #2 rdacontent
337			unmediated #2 rdamedia
338			volume #2 rdacarrier
380			Fiction #2 lcsh
700	1		Bellefontaine, Teri, e illustrator.
710	2		Imagination House Press, e publisher.
710	2		Steward Publishing Ltd, e publisher.

336 Content

337 Carrier

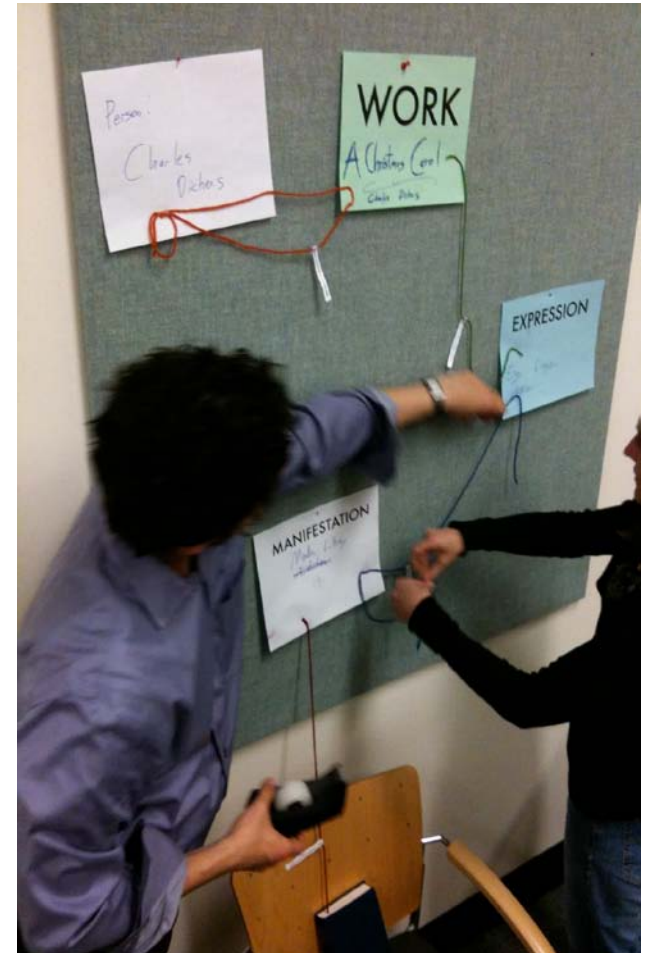
338 Media

Learning FRBR

<http://cucataloging.blogspot.com/>

Things You Should Know
but Were Afraid to Ask.
Speaker: Barbara Tillett.
Recorded March 4, 2009.
Running time: 57 minutes.
Available at:

http://www.loc.gov/today/cyberlc/feature_wdesc.php?rec=4554



Resources -- FRBR

FRBR – Functional Requirements for Bibliographic Records

<http://www.ifla.org/VII/s13/frbr/frbr.htm>

<http://www.ifla.org/en/node/881#bibl>

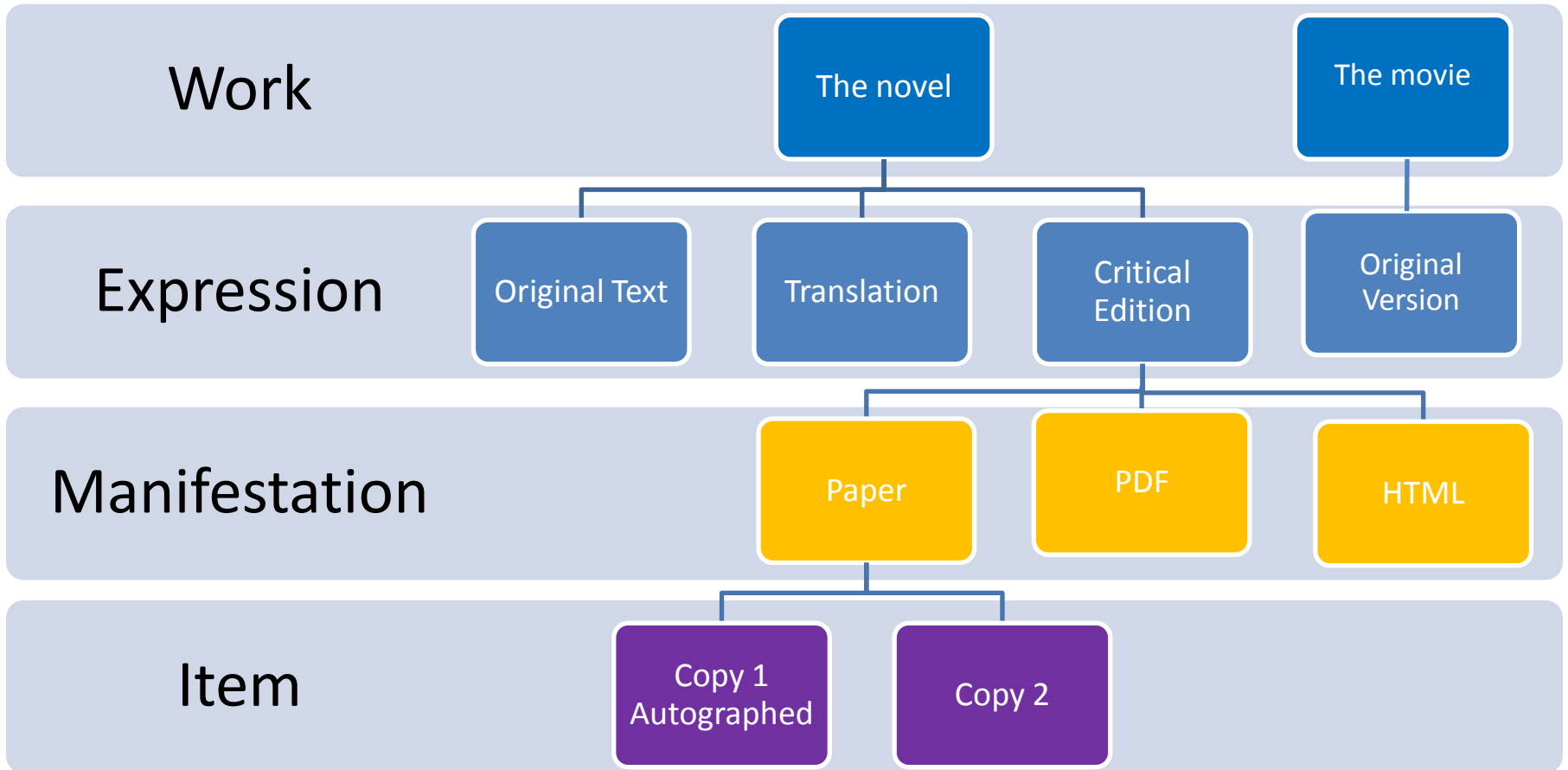
FRBR presentations (current!):

<http://www.rda-jsc.org/rdapresentations.html>

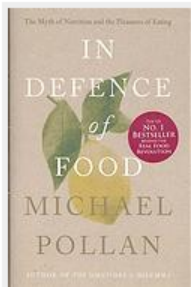
Video: Bram Stoker's Dracula in FRBR Terms

<http://www.youtube.com/watch?v=LN0vKCFsXPE>

FRBR Entity Levels Revisited



Based on a graphic in Tillett, Barbara "AACR2's Strategic Plan and IFLA Work towards an International Cataloguing Code" (2002)



In defense of food : an eater's manifesto

Pollan, Michael 

13 edition(s), in English, held by 3410 institution(s)

Summary

"Eat food. Not too much. Mostly plants." These simple words go to the heart of food journalist Pollan's thesis. Humans used to know how to eat well, he argues, but the balanced dietary lessons that were once passed down through generations have been confused and distorted by food industry marketers, nutritional scientists, and journalists. As a result, we face today a complex culinary landscape dense with bad advice and foods that are not "real." Indeed, plain old eating is being replaced by an obsession with nutrition that is, paradoxically, ruining our health, not to mention our meals. Pollan's advice is: "Don't eat anything that your great-great grandmother would not recognize as food." Looking at what science does and does not know about diet and health, he proposes a new way to think about what to eat, informed by ecology and tradition rather than by the nutrient-by-nutrient approach.--From publisher description.

Table of Contents

pt. 1. The age of nutritionism. -- From foods to nutrients -- Nutritionism defined -- Nutritionism comes to market -- Food science's golden age -- The melting of the lipid hypothesis -- Eat right, get fatter -- Beyond the pleasure principle -- The proof in the low-fat pudding -- Bad science -- Nutritionism's children -- pt. 2. The Western diet and the diseases of civilization. -- The Aborigine in all of us -- The elephant in the room -- The industrialization of eating : what we do know : From whole foods to refined ; From complexity to simplicity ; From quality to quantity ; From leaves to seeds ; From food culture to food science -- pt. 3. Getting over nutritionism. -- Escape from the Western diet -- Eat food : food defined - Mostly plants : what to eat -- Not too much : how to eat.

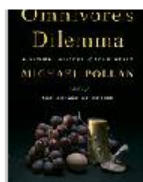
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Details

Editions

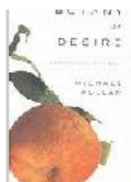
Related Works



[The omnivore's dilemma : a natural history of four meals](#)

by Pollan, Michael

 Book



[The botany of desire : a plant's eye view of the world](#)

by Pollan, Michael

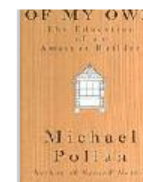
 Book



[Second nature : a gardener's education](#)

by Pollan, Michael

 Book



[A place of my own : the education of an amateur builder](#)

by Pollan, Michael

 Book

Publication History



Blade runner

25 edition(s), in English, held by 760 institution(s)

Summary

Los Angeles, 2019: Deckard, an expert "blade runner," must identify and execute four replicants, (genetically engineered beings virtually identical to humans) which have illegally returned to earth from their off-world slave duty.

[View All Summaries, Tables of Contents and Abstracts](#) (20)

[Find Any Edition In A Library](#)

Details

Editions

25 edition(s), in 1 language(s), held by 760 institution(s)

Title/Author	Date	Lang	Format	Libraries
Blade runner Warner Bros. ; a Ladd Company production ; screenplay by Philip K. Dick ; produced by Michael Deeley ; screenplay by Hampton Peoples.	1991	English		223
Blade runner [a Ladd Company release in association with Warner Bros. ; presented by Jerry Perenchio and Bud Yorkin] ; produced by Michael Deeley ; screenplay by Hampton Peoples ; directed by Ridley Scott.	2007	English		180
Blade runner the Ladd Company in association with Warner Bros.	1992	English		129
Blade runner the Ladd Company ; screenplay by Hampton Peoples ; produced by Michael Deeley ; directed by Ridley Scott. Burbank, CA : Warner Home Video, 2007.	2007	English		56
Blade runner Jerry Perenchio and Bud Yorkin present a Ladd Company production ; screenplay by Hampton Peoples ; produced by Michael Deeley ; directed by Ridley Scott. Burbank, CA : Warner Home Video, 2007.	2007	English		49
Blade runner a Ladd Company released in association with Warner Bros. ; Jerry Perenchio and Bud Yorkin present a production ; screenplay by Hampton Peoples ; produced by Michael Deeley ; directed by Ridley Scott. Burbank, CA : Warner Home Video, 2007.				

Summary
 Los Angeles, 2019: Rick Deckard of the LAPD's Blade Runner unit prowls the steel & microchip jungle of the 21st century. His job is to track down and eliminate assumed humanoids known as 'replicants.' Replicants were declared illegal after a bloody mutiny on an Off-World Colony, and are to be terminated upon detection. He wants to get out of the force, but is drawn back in when 6 "skin jobs," the slang for replicants, hijack a ship back to Earth. The city that Deckard must search for his prey is a huge, sprawling, bleak vision of the future.

Table of Contents
 Disc 1. The final cut (2007) -- disc 2. Dangerous days : making Blade Runner -- disc 3. U.S. theatrical cut (1982) ; International theatrical cut (1982) ; Director's cut (1992) -- disc 4. Enhancement archive.

Download Complete Editions Table: XML CSV

Audience Level

Bibliographic Framework Initiative

- *replacement of the MARC format as the common exchange currency for bibliographic data.*
- allow reuse of valuable data and *remain supportive of MARC*
- new means for capturing and sharing bibliographic data.

Formal Partners:

- Library of Congress,
- Library and Archives Canada
- British Library

Informal Partners:

- OCLC and others,
- MARC user institutions,
- MARC advisory committees such as MARBI (etc.)

Speak up, get involved

- <http://listserv.loc.gov/listarch/bibframe.html>
(comment on the plan for the bibliographic framework)
- Continuing education
(still part of the future)
- > Onwards and upwards for the rest of the day!

Decoder ring

- The JSC web site
 - <http://www.rda-jsc.org/>
- The RDA Online web site
 - <http://www.rdaonline.org/>
- LoC: Bibliographic format initiative
<http://www.loc.gov/marc/transition/>
- RDA in 10 easy steps

<https://www.facebook.com/topic.php?uid=133281713372685&topic=214>

Thank you!

Requirements for a New Bibliographic Framework Environment

Goals:

Broad accommodation of content rules and data models. Rule agnostic.

RDA + AACR2 + AACR + DACS + VRA + CCO (library, AND archive AND museum standards)

Provision for types of data that logically accompany or support bibliographic description, such as holdings, authority, classification, preservation, technical, rights, and archival metadata.

Accommodation of textual data, AND linked data with URIs

Consideration of the relationships between and recommendations for communications format tagging, record input conventions, and system storage/manipulation.

Consideration of the needs of all sizes and types of libraries, from small public to large research. The new bibliographic framework will continue to support simpler needs in addition to those of large research libraries.

Maintenance of MARC until no longer necessary. With the migration in the near term of a large segment of the library community from AACR to RDA, we will need to have RDA-adapted MARC available. While that need is already being addressed, it is recognized that RDA is still evolving and additional changes may be required.

Compatibility with MARC-based records. While a new schema for communications could be radically different -- Ideally option to preserve all data from a MARC record.

Provision of transformation from MARC 21 to a new bibliographic environment. A key requirement will be software that converts data to be moved from MARC to the new bibliographic framework and back, if possible, in order to enable experimentation, testing, and other activities related to evolution of the environment.

ONGOING APPLICATION for FUNDING