



This is Just the Beginning:

Implementation of RDA & Thoughts on 'Next Steps' for our Metadata Infrastructures

RDA: What's New, What's Ahead, What We Know So Far

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(LACONI)

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Christopher Cronin

Director of Metadata and Cataloging Services
University of Chicago Library



Goals of the Session (1)

The session will cover:

Overview of the Testing Process, Participants, Initial Results	Impact on Authority Control
Training Needs: FRBR, RDA/RDA Toolkit, MARC/MODS/DC	Impact on Vended Processes & Products
Policy Development	Impact on Acquisitions & Copy Cataloging
Impact on ILS Systems	Impact on Future of Metadata Infrastructures



Goals of the Session (2)

- The session *will*:
 - Highlight issues that catalogers and administrators will need to consider when adopting RDA
 - Assume some level of local RDA adoption
- The session *will not*:
 - Debate the merits of RDA, or explain how to interpret and apply specific rules



U.S. RDA Test Timeline & Structure

July-Sept
2010

- Training (<http://www.loc.gov/catdir/cpso/RDAtest/rdatraining.html>)
- Creation of “Practice” Records
- Local Policy Development

Oct-Dec
2010

- Official Test Period
- Completion of RDA Surveys
- User Assessment

Jan-March
2011

- National Libraries’ Analysis of Records and Surveys
- Institutional Analysis of Records and Surveys
- Decision on Adoption (by June 2011)



Formal Testing Institutions

Library of Congress	Columbia University	North Carolina State University
National Agricultural Library	Graduate Schools of Library and Information Science (GSLIS) Group (Dominican; Wisc-Milwaukee; UIUC; CalState-Northridge; San Jose State; UCLA, U. of Denver)	North East School District, TX
National Library of Medicine	Douglas County Libraries, CO	Northeastern University
Backstage Library Works	Emory University	OCLC Contract Cataloging Services
Brigham Young University	George Washington University	Ohio State University
Carnegie Library of Pittsburgh	Minnesota Historical Society	Online Audio-Visual Catalogers (OLAC)
University of Chicago	Morgan Library and Museum, NYC	State Library of Pennsylvania
Clark Art Institute Library	University of North Dakota	Quality Books
College Center for Library Automation, FL	Music Library Association	Stanford University





Summary of Record Collection

	Bibliographic	Authority
Formal common original	1514	1226
Formal common copy	122	N/A
Formal extra set	7786	10184
Informal record submission	1148	1390
Totals	10570	12800



Informal Tester Submissions

Institution/Project	Bibliographic	Authority
ALCTS Continuing Resources Cataloging Committee	75	43
Bound to Stay Bound Books	11	---
Florida State University	12	5
Getty Research Institute	69	---
North Carolina State University (NO SURVEY)	201	---
Stanford University (NO SURVEY)	561	1273
United States Senate Library	33	6
University of Colorado at Boulder	88	46
University of Minnesota Libraries	16	---
University of Nebraska-Lincoln	25	17
University of Pittsburgh, Health Sciences Library System	4	---
University of Texas, Arlington	22	---
Wagner College	31	---
TOTALS	1148	1390



UChicago's Test Production Statistics

Total Original Bibliographic Records	1301
Monographs	637
Maps	598
Serials	23
Sound Recordings	19
Mixed Materials	10
Visual Materials	8
Integrating Resources	5
Computer Files	1
Total Authority Records	1202
Total Dublin Core Records	20
Total Copy Cataloging Bib Records	~50



General Philosophy to the Testing

- Involve all catalogers from all cataloging operations
- Minimize local exceptions. Added only six RDA elements to our “UChicago Core”:
 - *Other Title Information* (RDA 2.3.4): Core for monos; cataloger’s judgment for serials and integrating resources
 - *Copyright Date* (RDA 2.11): Core for monos; cataloger’s judgment for serials and integrating resources
 - *ISSN of Series* (RDA 2.12.8)
 - *ISSN of Subseries* (RDA 2.12.16)
 - *Media Type* (RDA 3.2)
 - *Source Consulted* (RDA 29.6)
- Give preference to cataloger’s judgment over broad policy decisions for every scenario



UChicago's RDA Tester Demographics

17 Catalogers

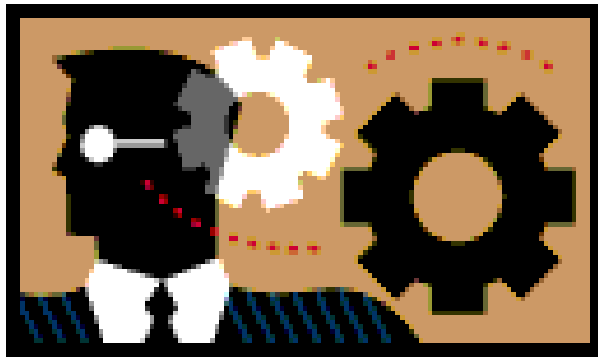
- **9 Professional Original Catalogers**
 - 3 Monographic Cataloging
 - 2 Serials Cataloging
 - 2 Law Cataloging (Monos and Serials)
 - 1 Map Collection Cataloging
 - 1 East Asian Collection Cataloging (Mono and Serials)
- **5 Paraprofessional Original Catalogers**
 - 1 Map Collection Cataloging
 - 2 Monographic Cataloging (both library school students)
 - 2 Special and Digital Collections Cataloging (both w/ MLS degrees)
- **3 Administrators**
 - Technical Services department/section heads



Approaches to Staffing Models (1)

Start small?

... or ...



Start big?



Approaches to Staffing Models (2)

- Starting small, or with a subset of staff
 - Minimizes initial risk
 - Easier to manage initial training, quality control
 - More difficult to gauge effects of full-scale “production mode”

... versus ...

- Moving all staff to RDA at once
 - Communal training, communal learning
 - Team building
 - Higher risk before formal adoption by U.S. National Libraries



Goals and Needs Assessment





Training (1)

FRBR

*(Functional
Requirements
for
Bibliographic
Records)*

- Conceptual model around which RDA is designed
- FRBR for Non-Catalogers: Things You Should Know but Were Afraid to Ask (http://www.loc.gov/today/cyberlc/feature_wdesc.php?rec=4554)

RDA & RDA Toolkit

- Timing is everything
- Cover major difference between AACR2 and RDA
- LC's "Train the Trainer"
(<http://www.loc.gov/catdir/cpso/RDAtest/rdatraining.html>)
- ALA Toolkit Webinars
(<http://www.rdatoolkit.org/training>)
- Supplement with local decisions



Training (3)

MARC, MODS, & Dublin Core

- RDA in MARC
(<http://www.loc.gov/marc/RDAinMARC29.html>)
- RDA to MODS Mapping
(<http://www.loc.gov/standards/mods/>)
- Nothing added to Dublin Core for RDA



Policy Development

- Decide who to involve in policy development
- Core RDA elements:
 - LC Core
(http://www.loc.gov/catdir/cpso/RDAtest/LC_RDA_coreelements.doc)
- Useful documents on RDA options/alternatives:
 - Alternatives, optional omissions, and optional additions
(http://www.loc.gov/catdir/cpso/RDAtest/RDA_alternatives.doc)
 - Instructions referring to decisions by the "agency creating the data" or "agency preparing the description"
(http://www.loc.gov/catdir/cpso/RDAtest/RDA_agency.doc)
 - Instructions using wording "or" to refer to choices for the same situation (http://www.loc.gov/catdir/cpso/RDAtest/RDA_or_decisions.doc)



Impact on ILS Systems

- **RDA in MARC: Summary of Additions**
(<http://www.loc.gov/marc/RDAinMARC29.html>)
 - New fields to replace GMD
 - New fields to encode attributes of names, works, and expressions
 - New \$i defined in Bibliographic 7XX and 76X-78X and in Authority 4XX and 5XX for relationships between resources.

GMD “replaced” by 3 new elements

Content type (MARC 336)

- performed music
- spoken word
- still image
- text

Media type (MARC 337)

- audio
- computer
- microform
- unmediated

Carrier type (MARC 338)

- computer disc
- microfilm reel
- online resource
- volume

GMD Display in Horizon

University of Chicago Library
 Main Catalog | Course Reserve | Other Catalogs | My Account | Ask a Librarian | Interlibrary Loan | Purchase Request | New Acquisitions

Text only | Login | My List - 0 | Help

Basic Search | Advanced Keyword | Search History

Search: Title regional database central asia Refine Search

> You're searching: University of Chicago Library

Search Results

Browsing results matching regional database central asia

Prev 50 Title Next 50 Title

Title	Format	Pub date	Author
1. Regional data supplement.		[1993]	
2. Regional data to support biodiversity assessments terrestrial vertebrate and butterfly data from the southwest /	[electronic resource] :	[2005]	
*3. Regional database. Central Asia.			
4. Regional debt in monetary unions : is it inflationary? /		2007.	Cooper, Russell W., 1955-
5. Regional decentralization.		1987.	
6. Regional decision making.		1973-1974.	United States. Advisory Commission on Intergovernmental Relations
7. The regional decline of a national party : liberals on the prairies /		c1981.	Smith, David E., 1936-
8. Regional defense and security structures		2004.	
9. Regional defense pacts.		1952.	
10. Regional deferences and coordination in China's economic development		1995.	Wei, Wei.
11. Regional demographic changes in Israel.		1989.	Friedlander, Dov, 1930-
12. Regional demographic development /		[1979]	

Content, Media, & Carrier types

The screenshot shows the University of Chicago Library catalog interface. At the top, there is a navigation bar with links for 'Main Catalog', 'Course Reserve', 'Other Catalogs', 'My Account', 'Ask a Librarian', 'Interlibrary Loan', 'Purchase Request', and 'New Acquisitions'. A search bar is located below the navigation bar, with a dropdown menu set to 'Title'. The search results page displays the following information:

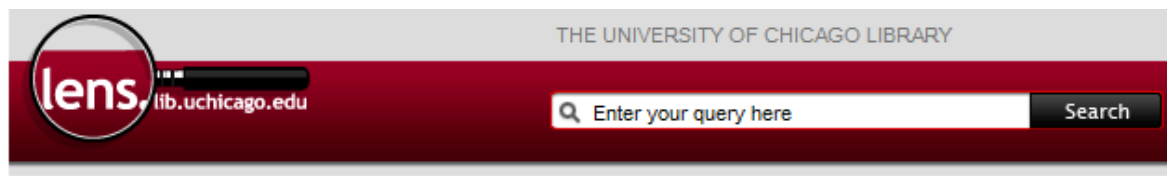
Export
[Export to RefWorks](#)

Title: Regional database. Central Asia.
Web Access: <http://proxy.uchicago.edu/login?url=http://www.lib.uchicago.edu/h/udbcas>
<http://proxy.uchicago.edu/login?url=http://dlib.eastview.com/browse/udb/691>
Date/Volume: Began in 2010?
Imprint: [Minneapolis] : East View Information Services
Description: text
computer
online resource
Notes: Title from home page (East View Web site, viewed March 29, 2010).
Access restricted by license agreements.
Subject(s): [Russian newspapers -- Asia, Central -- Databases.](#)
[Asia, Central -- Newspapers -- Databases.](#)
Other author(s): [East View Information Services. issuing body](#)
Other title(s): East view regional database. Central Asia
UDB-CAS
Universal database of publications from Central Asia
Central Asian newspapers
Central Asian periodicals

[Add to my list](#)

Holdings
Internet
Location: Online

3XX Display with New Labels



Serial

Regional database. Central Asia.

Available online: <http://proxy.uchicago.edu/login?url=http://www.lib...>
<http://proxy.uchicago.edu/login?url=http://dlib.ea...>

Imprint: [Minneapolis] : East View Information Services

Content type: text

Medium: computer

Format: online resource

Topics: Russian newspapers -- Asia, Central -- Databases.
Asia, Central -- Newspapers -- Databases.

Notes: Title from home page (East View Web site, viewed March 29, 2010).

Language: Russian

Date/Volume: Began in 2010?

Other authors: East View Information Services. issuing body

Other title: East view regional database. Central Asia
UDB-CAS
Universal database of publications from Central Asia
Central Asian newspapers
Central Asian periodicals

Bib. number: 7927098

URL for this record: <http://oi.lib.uchicago.edu/1001/cat/bib/7927098>



No More 'Rule of Three'

Transcribe all names in statement of responsibility; or, optionally, transcribe first name and give bracketed summary

Start, stop / Olivia Boudreau, Peter Courtemanche, Cal Crawford, Stephen Ellwood, Marla Hlady, Adrian Piper, Liv Strand, Patrick Beaulieu, Simone Jones & Lance Winn, Therese Mastroiacovo, Charlemagne Palestine, Samuel Roy-Bois, Helen Tak.

... *OR* ...

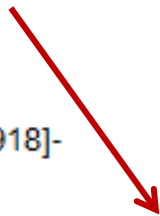
Start, stop / Olivia Boudreau [and thirteen others]



Relationship Designators

1XX with a relationship designator in Horizon bib

Author: [Poland, enacting jurisdiction.](#)
Title: Monitor polski.
Date/Volume: Began publication in 1918.
Imprint: Warszawa : [Rada Ministrów], [1918]-



Author browse list

Search Results

Browsing results matching **Poland, enacting jurisdiction.**

	Author
1.	Poland Embassy of the Republic of Poland
2.	• See: Poland. Ambasada (U.S.)
*3.	Poland Embassy US
4.	• See: Poland. Ambasada (U.S.)
5.	Poland Eugeniusz Romer State Cartographical Publishing House



Impact on Authority Control

- 7XX with 2nd indicator '4'
- New RDA fields in authority records
 - Field of activity; Affiliation; Occupation; Gender; suite of fields for musical works (e.g., Form of work; Medium of performance; Key)
- Program for Cooperative Cataloging (PCC) Post RDA-Test Guidelines (<http://www.loc.gov/catdir/pcc/PCC-Post-RDA-Test.html>)
 - Use authorized forms of names and titles established in existing AACR2 and RDA authority records.
 - If no AACR2 or RDA authority record exists, catalogers using RDA will create RDA authority records.
 - Some bib records may contain a mix of authorized headings for different names or titles created according to AACR2 and RDA.



Example Authority Structure

Existing AACR2 heading: 100 1_ \$a Brown, George, \$c Rev.

New RDA form: 700 14 \$a Brown, George \$c (Clergyman)

New name/title heading needed for cataloging -- create an AACR2 heading using the existing AACR2 form for the person:

100 1_ \$a Brown, George, \$c Rev. \$t Poems

not 100 1_ \$a Brown, George \$c (Clergyman). \$t Poems

[**Optionally:** give that form as 700 14 in the new AACR2 authority record]



Impact on Vended Processes and Products

- Authority control processing
 - Backstage Library Works part of formal test:
<http://ac.bslw.com/community/blog/2010/08/backstage-testing-rda/#more-172>
 - LTI statement on RDA:
<http://www.authoritycontrol.com/RDALTI.html>
- Purchased MARC records
- Outsourced cataloging



Impact on Acquisitions & Copy Cataloging

- OCLC policy statement on RDA Cataloging in WorldCat for the U.S. testing period (<http://www.oclc.org/us/en/rda/policy.htm>)
- Impact of “fast cat” processes?
- “Translate” RDA into copy cataloging procedures



Costs

- **RDA Pricing:** <http://www.rdatoolkit.org/pricing>
 - Toolkit: sliding scale based on number of users
 - Print loose-leaf: \$150
 - Updates will be distributed in PDF. Costs of updates “will be determined based on the size and scope of the update, from free for a minor update to a fee for larger updates.”
- **Staffing Costs:**
 - Different for every institution
 - See next slide for estimated costs at UChicago



Est. Prep/Training/Meeting Time

- Prepare ILS for RDA fields: *5 hours total*
- Create test records for the system: *20-30 hours total*
- Implement record displays: *10 hours total*
- Review LC/PCC documentation and make local policy decisions: *10 hours x 13 people*
- Misc. FRBR / RDA Toolkit training: *5 hours x 42 people*
- Initial RDA training: *8 hours x 42 people*
- Library-wide presentation: *1 hour x 60 people + 5 hours prep*
- Regular meetings of testers (Aug-Dec): *15 hours x 15 people*
- Post-test record, survey analysis: *????*
- Post-test policy revision and development: *????*
- User testing: *????*



What Did Catalogers Dislike?

- Changing established headings (strong and wide preference for 'grandfathering' AACR2 headings for personal names and corporate bodies)
- Copyright date in 260\$c
- 33X fields in bibs – utility of this data is unrealized in MARC and our systems
- Navigating search results and lack of an index in the Toolkit



What Did Catalogers Like?

- 37X fields in authority records
- Expression of relationships
- Getting rid of abbreviations
- Treatment of reproductions
- No rule of three



Future Impact on Local Documentation

- Minimal impact on original cataloging documentation
 - Follow national standards
- Large impact on copy cataloging documentation and training in the long term
 - Accept copy as-is? All of the time? Some of the time?
 - Correct poor RDA copy (e.g., coded RDA but missing core elements)?
 - RDA-ify upgradeable AACR2 records?
 - All of the above?



Next Steps

- Continue cataloging in RDA
 - As of Feb 2011, institute a record-review process for all PCC contributions
- Additional training on authorities
- Review surveys from catalogers
- Review records created
- Evaluate policy decisions (“UChicago Core”)
- Evaluate record displays; do end user testing?
- Evaluate impact on authorities processing and DBM generally
- Contribute experiences to the collective



Thoughts on ‘Next Steps’ for our Metadata Infrastructures



Will RDA Precipitate the Demise of MARC?

- Only if we want it to.
- The Web holds all the cards.
- Need for broad cultural changes to accompany our technology changes.
- But who will do the hard work?



What Will RDA Require?

- URIs, not literals
- Significant resources for training and DBM
- Examples: copyright date and publication information for reproductions



Copyright Date (RDA 2.11)

Core element during test period for UChicago and LC

260 // \$a [Place of publication not identified] : \$b MPA Records, \$c [2003?], ©2003.

260 // \$a [Place of publication not identified] : \$b Miscellaneous Press, \$c [date of publication not identified], ©2008.

260 // \$a Chicago : \$b United Airlines, \$c 2009, ©2010.

260 // \$a Vancouver : \$b Vancouver Cultural Heritage Organization, \$c 2010, ©2010.

MARBI Discussion Paper (<http://www.loc.gov/marc/marbi/2011/2011-dp01.html>):

2XX - Date of copyright notice

\$a - Date of copyright notice (NR)

\$3 - Materials specified (NR)

\$6 - Linkage (NR)

\$8 - Field link and sequence number (R)

Example: 2XX // \$a ©2002



Reproduction Publication Information

Ebook example:

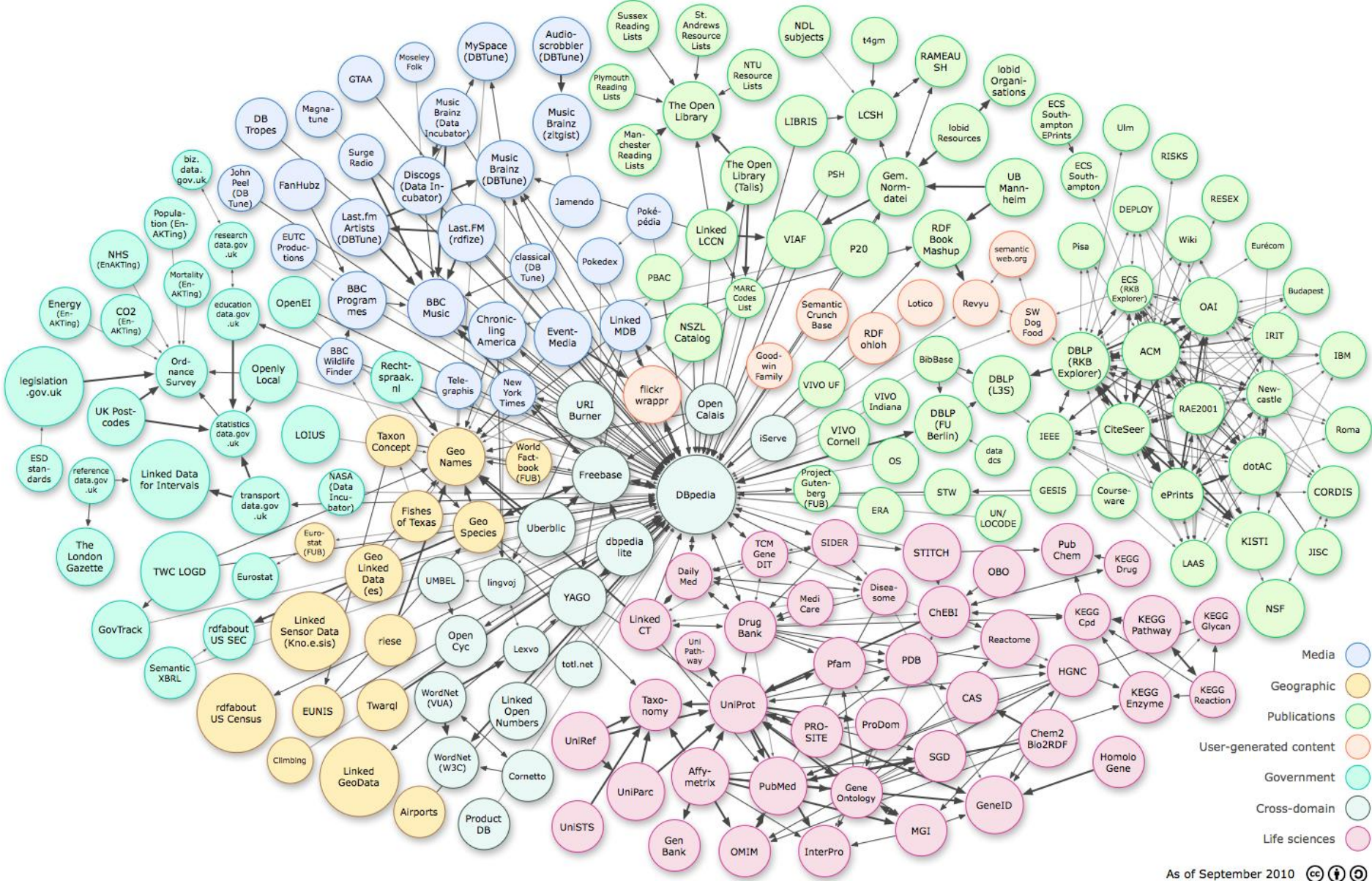
260: \$a Chicago : \$b University of Chicago Library, \$c
[2009].

776: \$i Reproduction of (item) \$a Pellow, Thomas, b. 1704.
\$t Adventures of Thomas Pellow, of Penryn, mariner. \$d
London, T.F. Unwin; New York, Macmillan & Co., 1890 \$k
Adventure series ; 4. \$w (DLC) 06019826 \$w
(OCoLC)3732348



What Format(s) Will Replace MARC?

- Something that interconnects our data with others'
- Something that other communities use too
- RDF?
- Semantic Web-enabled
- URIs



As of September 2010



“Choices made in planning the AACR2 implementation process were guided by the principles of feasibility and merit: feasibility from the standpoint of systems support and staffing levels; and merit from the standpoint of minimizing disruption for the catalog users. Were we to do this again, these principles would still be the basis of planning and implementation.”

(From: Jane Ciacci, Judith Nadler, and Richard C. Pollard, “AACR2—A Second Look: Implementation of AACR2 at the University of Chicago,” *Research Libraries and their Implementation of AACR2*, edited by Judith Hopkins and John A. Edens (Greenwich, CT: JAI Press, 1986): 83-107.)



**“Culture eats strategy for
breakfast every time”**



“Having not been a part of the effort to create MARC those many decades ago, I cannot imagine what conditions fostered its birth. But in my ignorance I imagine that the opportunities created by computers inspired Henriette Avram and company to rise to the challenge of recreating our professional infrastructure in a revolutionary and farsighted way. We would do well to look to our past for the inspiration we need to create a future that our descendants will look upon with similar amazement.”

-- Roy Tennant, “A Bibliographic Infrastructure for the 21st Century,”
Library Hi Tech 22 (2), 2004, pp. 175-181.



Thank you!

University of Chicago Testing Documentation:
<http://www.lib.uchicago.edu/staffweb/depts/cat/rda.html>

Christopher Cronin

croninc@uchicago.edu