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Implementation of RDA in the OPAL Consortium

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Implementation of RDA in the OPAL Consortium

RDA 4 Everyone Conference
July 10, 2014

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in consultation with
Jack Wu, Franciscan University



OPAL Consortium

- OPAL (Ohio Private Academic Libraries) – a consortium of small private academic libraries which joined OhioLINK as a group and share a single Innovative Interfaces, Inc. library system
- OPAL went live with 17 member libraries in 1998
- Currently includes 24 member libraries
- OPAL hardware and administrators located at OHIONET in Columbus, Ohio
- Active Committee Structure for member libraries
 - Includes a Cataloging Committee

List of OPAL Libraries

- [Antioch College](#)
- [Antioch University](#)
- [Athenaeum of Ohio](#)
- [Baldwin Wallace University](#)
- [Bluffton University](#)
- [Columbus College of Art & Design](#)
- [Defiance College](#)
- [Franciscan University](#)
- [Heidelberg University](#)

- [Lourdes University](#)
- [Malone University](#)
- [Mercy College of Ohio](#)
- [Methodist Theological School in Ohio](#)
- [Mount Carmel College of Nursing](#)
- [Muskingum University](#)
- [Otterbein University](#)
- [Pontifical College Josephinum](#)
- [Tiffin University](#)

- [Trinity Lutheran Seminary](#)
- [University of Findlay](#)
- [Winebrenner Theological Seminary](#)
- [University of Mount Union](#)
- [Urbana University](#)
- [Walsh University](#)
- [Wilberforce University](#)
- [Payne Theological Seminary](#)
- [Wilmington College](#)



Locations of OPAL Libraries



OPAL Consortium and RDA

- Preparation for RDA implementation:
 - Began in October 2010 with formation of RDA Working Group (currently three members), a subcommittee of the OPAL Cataloging Committee
 - Ongoing Cataloging Committee discussions of reports from the RDA Study Group
 - Major Questions Considered:
 - What needs to be changed in OPAL's Sierra profile to accommodate RDA records?
 - Which RDA fields should display and which should be suppressed in the public catalog?
 - How will RDA affect authority control? What changes need to be made in OPAL's authority control profile with LTI?



OPAL Consortium and RDA

- Helpful documents created:
 - MARC Field-by-Field Comparison of AACR2 and RDA
 - Side-by-Side Examples of AACR2 and RDA records for the same title
- Decision made to include RDA records in the OPAL catalog beginning on March 31, 2013
 - OPAL Policy On Use Of RDA Records:
 - Records in both RDA and AACR2 may be exported into the OPAL catalog. At present, original cataloging by OPAL members may be accepted in either cataloging code, as long as it conforms to national cataloging standards and the national authority file.



What is RDA?

- RDA stands for Resource Description and Access
- A new cataloging code
- Based upon FRBR (Functional Requirements for Bibliographic Records) principles
- Designed for use with MARC formats or with metadata cataloging standards
- Designed to update and replace AACR2



History of RDA

- AACR2
 - 1978 (36 years ago)
 - Last large revision in 2002 (12 years ago)
- RDA text finalized
 - 2009 (5 years ago)
 - Ongoing updates since then



History of RDA

- RDA testing began:
 - 2010 (4 years ago)
 - Done by three national libraries and 23 U.S. libraries
- LC decision to implement RDA and investigate new framework to complement/replace MARC
 - 2011 (3 year ago)



FRBR – Three Groups of Entities

- Group 1 - Products of intellectual or artistic creation
 - Work, expression, manifestation, item
- Group 2 - Responsibility for content and production of Group 1 entities
 - Person, family, or corporate body
- Group 3 - Subjects of Group 1 entities
 - Concept, object, event, place

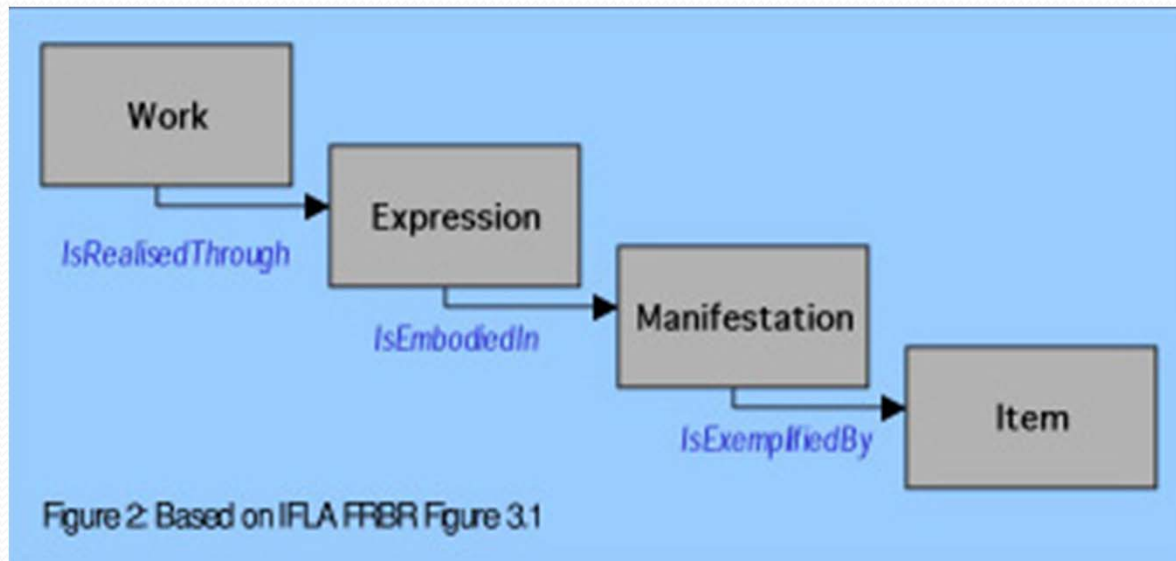


FRBR Group 1 Definitions

- Work
 - A distinct intellectual or artistic creation
- Expression
 - The intellectual or artistic realization of a work in the form of alpha-numeric, musical, or choreographic notation, sound, image, object, movement, etc., or any combination of such forms
- Manifestation
 - The physical embodiment of the expression of a work
- Item
 - A single example of a manifestation

FRBR Group 1 Relationships

- FRBR terminology clearly transitions from abstract to concrete.





RDA Basics

- AACR2 structure and terminology
 - Based largely upon ISBD standards
- RDA structure and terminology
 - Based upon FRBR and FRAD concepts
 - RDA (just like AACR2) recommends the use of a separate bibliographic record for each manifestation of an item
 - RDA much more open to cataloger interpretation of rules than AACR2



RDA and MARC 21

- RDA and MARC 21
 - RDA (like AACR2) is a content standard
 - Provides guidelines for selecting and recording data
 - MARC 21 is an encoding standard
 - One of several possible systems for encoding records created using RDA
 - No changes in MARC 21 necessary for RDA data to display properly



RDA New Required 3xx Fields

- 336 Field (RDA Content Type)
 - Defines the form of communication through which a work is expressed.
- 337 Field (RDA Media Type)
 - Reflects the general type of intermediation device required to view, play, run, etc., the content of a resource
- 338 Field (RDA Carrier Type)
 - Reflects the format of the storage medium and housing of a carrier in combination with the media type



Other New RDA Required 3xx Fields (Use If Applicable)

- 342 Field (Geospatial Reference Data)
- 343 Field (Planar Coordinate Data)
- 347 Field (Digital File Characteristics)
- 351 Field (Organization and Arrangement of Materials)
- 352 Field (Digital Graphic Representation)
- 382 Field (Medium of Performance)
- 383 Field (Numeric Designation of Musical Work)

Field by Field Comparison of AACR2 and RDA

- Leader/18 Desc (Descriptive cataloging form)
 - **AACR2:** a
 - **RDA:** i (with ISBD punctuation) or c (without ISBD punctuation)
- DtSt (Date style)
 - **AACR2:** s (for single publication and/or copyright date)
 - **RDA:**
 - s (for ascertained or inferred publication date without citing copyright date)
 - t (for publication and copyright date, even if the same year: [2011], ©2011)
 - Publication date required, to be supplied in brackets if not found in resource
 - Copyright date not required, if publication date is present, but may be desirable to include for greater specificity

Field by Field Comparison of AACR2 and RDA

- 020 (ISBN)
 - **AACR2:** Use standard abbreviations (such as pbk.)
 - **RDA:** Whether qualifying terms are abbreviations or not, use what is in the source, use standard abbreviations, or not, such as pbk., hbk., e-book, or use cloth, electronic, etc. if not in the source.
- 040 (Cataloging source)
 - **AACR2:** \$a \$b \$c \$d (no subfield e)
 - **RDA:** \$a \$b (language of cataloging) \$e rda \$c \$c \$d

Field by Field Comparison of AACR2 and RDA

- 100 field (Main entry)
 - **AACR2:** Use first named author if no more than 3, otherwise title main entry
 - Form of name as established in authority record, \$e relator term infrequent
 - **RDA:** Use first named author, no matter how many
 - May have fuller form of name with dates, even when not needed for differentiation; relator term frequently applied, such as \$e author
 - Multiple relator terms allowed, such as one name with \$e composer, \$e singer

Field by Field Comparison of AACR2 and RDA

- **RDA (Continued):**
 - Use a comma after the name and before the \$e (relationship designator) except when the name has an open date
 - Editors are not creators and should not be listed in the 1xx field.
 - Organizations which sponsor a conference can be considered creators and can be entered into the 1xx field and can have a \$e (relationship designator)
 - Moving image works are entered under a title main entry

Field by Field Comparison of AACR2 and RDA

- 245 field \$a \$b (Title/subtitle)
 - **AACR2:** Capitalize as in sentence usage (Initial word and proper nouns only)
 - **RDA:**
 - Capitalization should follow AACR2 sentence style (and Appendix A). Using the exact capitalization found on the title page or title screen of a work is permitted but not encouraged.
 - Punctuation within the title should follow the source, which may not be the case in AACR2.

Field by Field Comparison of AACR2 and RDA

- 245 field \$c (Statement of responsibility)
 - **AACR2:** Include up to 3 names per function, if more give first and... [et al.]
 - **RDA:** Generally include all names, include titles such as Ph.D., M.D., Jr. , etc. Alternately, give first then state how many others.

- **AACR2:** Use [sic] or [i.e.] to correct errors
- **RDA:** Transcribe without correction, may add note to explain and add variant title entry for corrected title

- **AACR2:** Enclose in square brackets for what is taken from outside the chief source of information
- **RDA:** Enclose in square brackets only if taken from outside the resource being cataloged

- **AACR2:** May supply other title information in brackets
- **RDA:** Other title information not supplied, except for cartographic and moving image materials

Field by Field Comparison of AACR2 and RDA

- 250 (Edition statement)
 - **AACR2:** Use abbreviations, such as 3rd ed.
 - **RDA:** Record as it appears in the publication, for example, Third edition.
- 260 (Publication, distribution, etc.) -- (Use only in **AACR2**)
 - **AACR2:** \$a Include larger jurisdiction, if needed for clarity
 - **AACR2:** \$c Publication or copyright date
 - **AACR2:** Adjacent subfields do share square brackets. S.l. and s.n. are used when the place and publisher are unknown.
 - Example: [S.l. : \$b s.n., \$c 18--?]

Field by Field Comparison of AACR2 and RDA

- 264 (Publication, distribution, copyright, etc. in multiple 264 fields) – (Use only in **RDA**)
 - **RDA:** First indicator is usually blank for a monographic work. Second indicator can be: 0 for production, 1 for publication, 2 for distribution, 3 for manufacturer or 4 for \$c copyright symbol (bar syntax | cs | and date), with no period after the copyright date
 - **RDA:** \$a Include larger jurisdiction, if present on the resource ; if supplying a larger jurisdiction, consult the list in Appendix B11.
 - **RDA:** \$c Publication and copyright date may both be included, even if of the same year. Copyright date may be omitted for brevity or included if specificity is preferred.
 - **RDA:** Adjacent subfields do not share square brackets. S.l. and s.n. are not used when the place and publisher are unknown.
 - Example: [Place of publication not identified] : [Publisher not identified], [between 1800 and 1899?]

Field by Field Comparison of AACR2 and RDA

- 300 (Extent of item)
 - **AACR2:** Use abbreviations such as p. : ill. ; cm. A period is needed after the size, for example, 24 cm., in AACR2. It most often is not present in RDA except in the case described below.
 - **RDA:** spell out description, such as pages and illustrations ; use cm for size of item
 - Use a period after cm only if a 490 field is present
 - Use cm for all size measurements instead of inches, except LC practice uses inches for discs and other audio carriers.
 - For size and extent, continue to use abbreviations such as in., hr., min. etc. (follow LC practice)
 - **AACR2:** Correct pagination with brackets, such as: 48 [i.e. 55] p.
 - **RDA:** Use a statement, such as: 48, that is 55, pages

Field by Field Comparison of AACR2 and RDA

- 3xx (RDA Content Type, Media Type, and Carrier Type)
 - **AACR2:** Use 245 \$h [general materials designator]
 - **RDA:** Use fields: 336, 337, 338 (RDA content type, RDA media type, RDA carrier type)
 - Fields are repeatable if needed.
 - Order of subfields: \$a term \$b code \$2 type of term/code
 - Adding both \$a and \$b is now preferred based on recent LC practice
 - Use the following term/codes in \$2 in 336, 337, and 338 respectively: 336 \$2 rdacontent, 337 \$2 rdamedia, 338 \$2 rdacarrier

Field by Field Comparison of AACR2 and RDA

- 3xx (RDA Content Type, Media Type, and Carrier Type Examples):
 - Example for a monographic print item:
 - 336 text \$b txt \$2 rdacontent
 - 337 unmediated \$b n \$2 rdamedia
 - 338 volume \$b nc \$2 rdacarrier
 - Example for a DVD:
 - 336 two-dimensional moving image \$b tdi \$2 rdacontent
 - 337 video \$b v \$2 rdamedia
 - 338 videodisc \$b vd \$2 rdacarrier



Field by Field Comparison of AACR2 and RDA

- 490 (Series – Not Traced or Traced Separately in an 830 Field)
 - **RDA:** Follow the source for transcription of series numbering
- 500 (Note Field)
 - **RDA:** Make a note for the source of the title if the title is not from the title page, from the title frame, or if it is not the only title on the resource.
- 502 (Thesis Note)
 - **AACR2:**
 - Example: Thesis (Ph.D.) – Kent State University, 2014
 - **RDA:** There is no punctuation between subfields.
 - Order of entry: \$b academic degree \$c granting institution \$d year granted \$g miscellaneous \$o dissertation identifier
 - Example: \$b Ph.D. \$c Kent State University \$d 2014.

Field by Field Comparison of AACR2 and RDA

- 504 (Bibliographical Note)
 - **AACR2:** Use abbreviations for pages and leaves in the bibliographical note
 - Example: Includes bibliographical references (p. 28-30).
 - **RDA:** Use the full words “pages” and “leaves” rather than using abbreviations
 - Example: Includes bibliographical references (pages 28-30).
- 505 (Contents Note)
 - **AACR2:** Capitalize as in sentence structure (follow LC practice)
 - **RDA:** Capitalize as in sentence structure (follow LC practice) – basically the same capitalization rules as AACR2

Field by Field Comparison of AACR2 and RDA

- 6xx (Subject added entries)
 - **AACR2:** Use form of heading as established in authority records
 - **RDA:** Form of heading may be simplified, by omitting of hierarchical structure, such as in Bible. New Testament. Matthew being changed to Bible. Matthew.
- 700 (Additional authors/editors)
 - **AACR2:** Provide up to 3 names per function in addition to 100 field entry, relator term infrequent
 - **RDA:** In addition to illustrators of children's books, and translators (where relator term is required), use cataloger judgment to add and use relator terms, but RDA recommends relator terms.
- 830 (Series – Traced)
 - **RDA:** Use established form
 - Omit any article at the beginning of a series title
 - Omit ISSN.

Side by Side Example – Book

OCLC RDA Record

- 010 2010048538
- 040 CSt/DLC \$b eng \$e rda \$c DLC \$d YDX \$d YDXCP \$d BWX \$d CDX \$d IG# \$d MIX \$d UKMGB \$d BDX \$d OCLCO
- 0167 015791005 #2 Uk
- 020 9780804768832 (cloth : alk. paper)
- 020 0804768838 (cloth : alk. paper)
- 020 9780804768849 (pbk. : alk. paper)
- 020 0804768846 (pbk. : alk. paper)
- 042 pcc
- 05000BT83.59 #b .L56 2011
- 08200261.7 #2 22
- 090 #b
- 049 TQOO
- 1001 Lloyd, Vincent W., \$d 1982- \$e author.
- 24514The problem with grace : #b reconfiguring political theology / \$c Vincent W. Lloyd.
- 264 1 Stanford, California : #b Stanford University Press, \$c [2011]
- 264 4 \$c ©2011
- 300 242 pages ; \$c 24 cm
- 336 text \$b txt \$2 rdacontent
- 337 unmediated \$b n \$2 rdamedia
- 338 volume \$b nc \$2 rdacarrier
- 504 Includes bibliographical references (pages 229-235) and index.
- 5050 Introduction : beyond supersessionism -- Theopolitical virtues. Love -- Faith -- Hope. Theopolitical strategies. Tradition -- Liturgy -- Sanctity -- Revelation -- Prophecy -- Conclusion : politics of the middle -- Appendix : political theology as a rigorous science.
- 650 0Political theology.

Millennium AACR2 Record

BIB UTIL # 001 688559450
MARC 003 OCoLC
MARC 005 20110803032055.0
MARC 008 101115s2011 cau b 001 0 eng c
LC CARD # 010 2010048538
ISBN/ISSN 020 9780804768832 (cloth : alk. paper)
ISBN/ISSN 020 0804768838 (cloth : alk. paper)
ISBN/ISSN 020 9780804768849 (pbk. : alk. paper)
ISBN/ISSN 020 0804768846 (pbk. : alk. paper)
MARC 035 (OCoLC)688559450
MARC 040 CSt/DLC | erda | beng | cDLC | dYDX | dYDXCP | dBWX | dCDX | dIG#
MARC 042 pcc
MARC 049 TSMM
MARC 050 0 0 BT83.59 | b.L56 2011
MARC 082 0 0 261.7 | 222
NAME 100 1 Lloyd, Vincent W., | d1982-
TITLE 245 1 4 The problem with grace : | breconfiguring political theology / | cVincent W. Lloyd.
IMPRINT 260 Stanford, Calif. : | bStanford University Press, | cc2011.
DESCRIPT. 300 242 p. ; | c24 cm.
NOTE 504 Includes bibliographical references (p. 229-235) and index.
NOTE 505 0 Introduction : beyond supersessionism -- Theopolitical virtues. Love -- Faith -- Hope. Theopolitical strategies. Tradition -- Liturgy -- Sanctity -- Revelation -- Prophecy -- Conclusion : politics of the middle -- Appendix : political theology as a rigorous science.
SUBJECT 650 0 Political theology.

Side by Side Example -- Book

OCLC RDA Record

- 010 2010044495
- 040 DLC \$b eng \$e rda \$c DLC \$d YDX \$d YDXCP \$d ERASA \$d OHX \$d IXA \$d BWX \$d CDX \$d UKMGB \$d BDX
- 0167 015866911 #2 Uk
- 020 9783775728102 (Trade edition)
- 020 3775728104 (Trade edition)
- 020 9780929865300 (Museum edition, available in the museum only)
- 020 0929865308 (Museum edition, available in the museum only)
- 042 pcc
- 043 n-usp--
- 05000N6537.R87 #b A4 2011
- 08200760.092 #2 22
- 090 #b
- 049 TQOO
- 1001 Auping, Michael.
- 24510Ed Ruscha : #b Road Tested / #c Organized by Michael Auping ; With texts by Michael Auping and Richard Prince, and an interview with the artist.
- 264 1 Fort Worth, TX : #b Modern Art Museum of Fort Worth, #c [2011]
- 264 4 \$c ©2011
- 300 128 pages : #b illustrations ; #c 25 x 29 cm
- 336 text \$b txt #2 rdacontent
- 337 unmediated \$b n #2 rdamedia
- 338 volume \$b nc #2 rdacarrier
- 500 "This catalogue is published in conjunction with the exhibition Ed Ruscha: Road Tested, Modern Art Museum of Fort Worth, January 23-April 17, 2011."
- 500 One folded map laid in.
- 504 Includes bibliographical references (pages 123-128).
- 60010 Ruscha, Edward \$x Themes, motives \$v Exhibitions.
- 60010 Ruscha, Edward \$x Travel \$z West (U.S.) \$v Exhibitions.
- 60010 Ruscha, Edward \$v Interviews.
- 650 0 Artists \$z United States \$v Interviews.
- 651 0 West (U.S.) \$v In art \$v Exhibitions.
- 7001 Prince, Richard, \$d 1949-
- 7001 Ruscha, Edward.
- 7102 Modern Art Museum of Fort Worth.

Millennium AACR2 Record

BIB UTIL # 001 671386346
MARC 003 OCoLC
MARC 005 20110718122246.0
MARC 008 101015s2011 txua bc 000 0deng
LC CARD # 010 2010044495
ISBN/ISSN 020 9780929865300 (Museum edition)
ISBN/ISSN 020 0929865308 (Museum edition)
ISBN/ISSN 020 9783775728102 (Trade edition)
ISBN/ISSN 020 3775728104 (Trade edition)
MARC 035 (OCoLC)671386346
MARC 040 DLC | erda | cDLC | dYDX | dYDXCP | dERASA | dOHX | dIXA | dBWX | dCDX
MARC 042 pcc
MARC 043 n-usp--
MARC 049 DZAA
MARC 050 0 0 N6537.R87 | bA4 2011
MARC 082 0 0 760.092 | 222
MARC 092 759.13 | bR893Au,2011
NAME 100 1 Auping, Michael.
TITLE 245 1 0 Ed Ruscha : | broad tested / | corganized by Michael Auping ; with texts by Michael Auping and Richard Prince, and an interview with the artist.
IMPRINT 260 Fort Worth, TX : | bModern Art Museum of Fort Worth ; | aOstfildern, Germany : | bHatje Cantz, | c2011.
DESCRIPT. 300 128 p. : | bill. (some col.) ; | c25 x 29 cm.
NOTE 500 "This catalogue is published in conjunction with the exhibition Ed Ruscha: Road Tested, Modern Art Museum of Fort Worth, January 23-April 17, 2011."
NOTE 504 Includes bibliographical references (p. 123-128).
SUBJECT 600 1 0 Ruscha, Edward | xThemes, motives | vExhibitions.
SUBJECT 600 1 0 Ruscha, Edward | xTravel | zWest (U.S.) | vExhibitions.
SUBJECT 600 1 0 Ruscha, Edward | vInterviews.
SUBJECT 650 0 Artists | zUnited States | vInterviews.
SUBJECT 651 0 West (U.S.) | vIn art | vExhibitions.
ALT NAME 700 1 Prince, Richard, | d1949-
ALT NAME 700 1 Ruscha, Edward.
ALT NAME 710 2 Modern Art Museum of Fort Worth.



RDA Toolkit

- Most up-to-date and comprehensive source for RDA cataloging rules
- RDA Toolkit recommended for all original cataloging using RDA
- Free RDA Toolkit examples can provide some basic guidelines for copy catalogers
- OPAL Consortium provides a subscription to the RDA Toolkit for each OPAL library.



RDA Toolkit Examples

- Examples of RDA records in a number of formats can be found at:
<http://www.rdatoolkit.org/examples/MARC>
- Includes links to both authority and bibliographic record examples
- Includes both a RDA element view and a MARC encoding view of the record
- Free to use even if not a subscriber



RDA Vocabularies

- The use of RDA controlled vocabularies is recommended for all bibliographic record elements.
- RDA controlled vocabularies located in Appendix I of RDA Toolkit
- Open Metadata Registry
 - Website: <http://rdvocab.info/>
 - Provides a comprehensive list of RDA controlled vocabularies for all element fields
- MARC 21 Format for Bibliographic Data
 - Website: <http://www.loc.gov/marc/bibliographic/>
 - Provides terminology and definitions for all elements in MARC fields and subfields



Helpful Online Resources

- Joint Steering Committee for the Development of RDA
 - <http://www.rda-jsc.org/index.html>
- Catalogers Learning Workshop RDA Training Materials
 - <http://www.loc.gov/catworkshop/RDA%20training%20materials/SCT%20RDA%20Records%20TG/index.html>
- OCLC RDA Policy Statement
 - <http://www.oclc.org/rda/new-policy.en.html/>
- OCLC RDA Resources Page
 - <http://www.oclc.org/rda/about.en.html>



Helpful Print Resources

- Taylor, A. G. (Ed.). (2007). *Understanding FRBR: What it is and how it will affect our retrieval tools*. Westport, Conn.: Libraries Unlimited.
- El-Sherbini, M. (2013). *RDA, Resource Description and Access: Strategies for Implementation*. Chicago: ALA Editions.
- Maxwell, R. L. (2013). *Maxwell's Handbook for RDA: Resource Description and Access*. Chicago: ALA Editions.



Implications for Catalogers

- When using the RDA cataloging code, catalogers will:
 - Still be creating bibliographic records
 - Still be able to use MARC 21 encoding standards
 - Begin using some new instructions
 - Begin using some new MARC fields



Ready, Set, Go!

- To get started with RDA, catalogers should:
 - Gain a bit of familiarity with FRBR concepts and RDA vocabularies
 - Work on understanding the essential differences between AACR2 bibliographic records and RDA bibliographic records
 - Try to keep current with RDA developments
 - RDA is constantly evolving and changing
 - RDA Toolkit incorporates changes frequently
 - Decide to enjoy the challenge of working with a new cataloging code



Questions?

?

RDA Is 4 Everyone!