

# Cataloging Odyssey: RDA Basics

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Indiana Library Federation  
Fort Wayne – Nov. 15, 2011

[http://mypage.iu.edu/~clong/rda\\_ilf.pptx](http://mypage.iu.edu/~clong/rda_ilf.pptx)

# Topics Covered Today

- Why New Cataloging Rules?
- Basic RDA Concepts
- AACR2 vs. RDA: What's the Difference?
- RDA Changes to MARC21
- Comparison of RDA and AACR2 Records
- Hybrids
- Impact on Users
- Implementation Issues

# What Does “RDA” Stand For?

-  Retirement Date Announced
-  Retirement Day Arrives
-  Rules Dead on Arrival
-  Resource Description and Access

# Why the Change?

AACR2	RDA
Developed as a cataloging code for paper-based documents	Designed to be a more flexible and extensible framework for describing all types of resources and content
Difficult to extend to describing new types of resources, especially electronic resources	Compatible with internationally established principles, models, and standards
Has an Anglo-American bias	Intended to be adaptable to the needs of a wide range of metadata communities
Doesn't play nice with other types of metadata (and vice versa)	Focused on the various relationships among resources
Hierarchical relationships missing	

# RDA Foundations

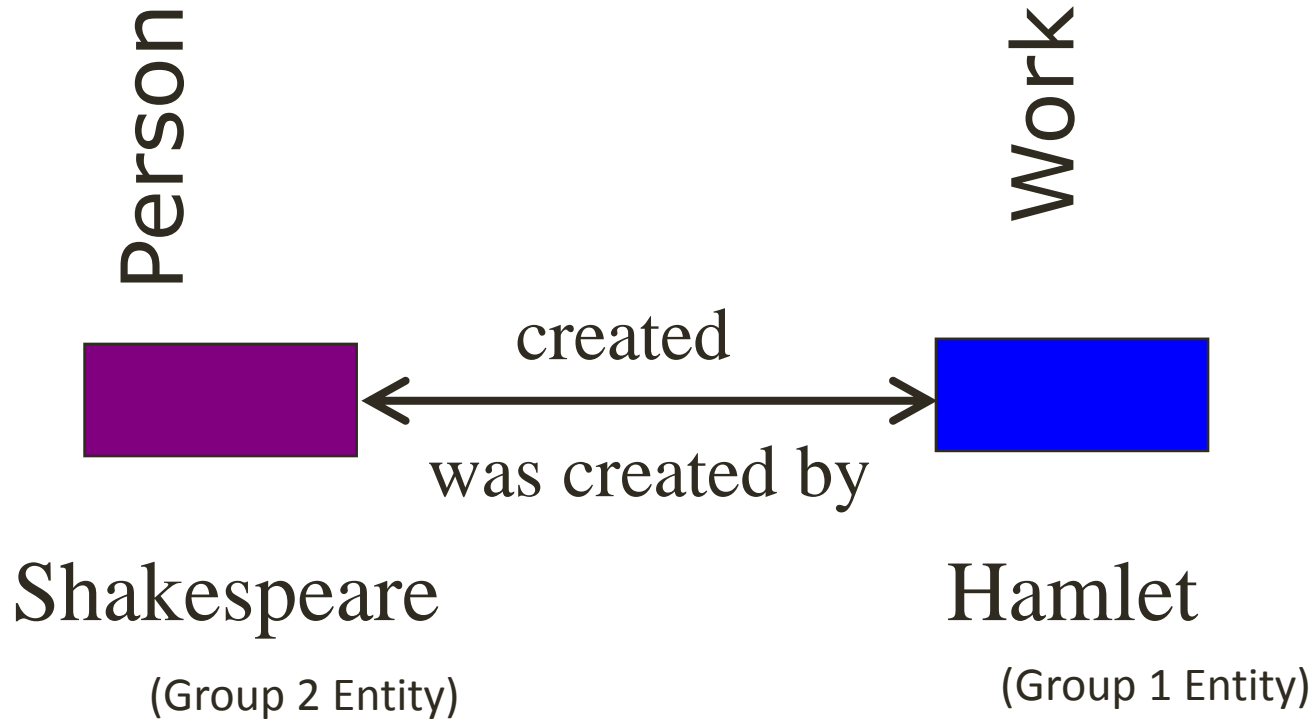
## FRBR: Functional Requirements for Bibliographical Records

- RDA applies the FRBR conceptual model
  - ▶ user needs are FRBR's starting point
  
- 4 FRBR user tasks = FISO
  - ▶ Find: to *find* all entities that correspond to user's search
  
  - ▶ Identify: to *identify* an entity (the entity described corresponds to the entity sought)
  
  - ▶ Select: to *select* an entity that is appropriate to the user's needs (in terms of content, physical format, etc.)
  
  - ▶ Obtain: to acquire or *obtain* access to the entity described

# FRBR Entities

- Group 1: products of intellectual and artistic endeavor = bibliographic resources
  - ▶ Work, Expression, Manifestation, and Item
  
- Group 2: those responsible for the intellectual or artistic content of Group 1 entities
  - ▶ Person, Corporate Body, Family
  
- Group 3: subjects of the intellectual and artistic endeavor
  - ▶ Groups 1 & 2 *plus*
  - ▶ Concept, Object, Event, Place

# FRBR's Entity-Relationship Model



# FRBR Group 1 Entities

## WEMI

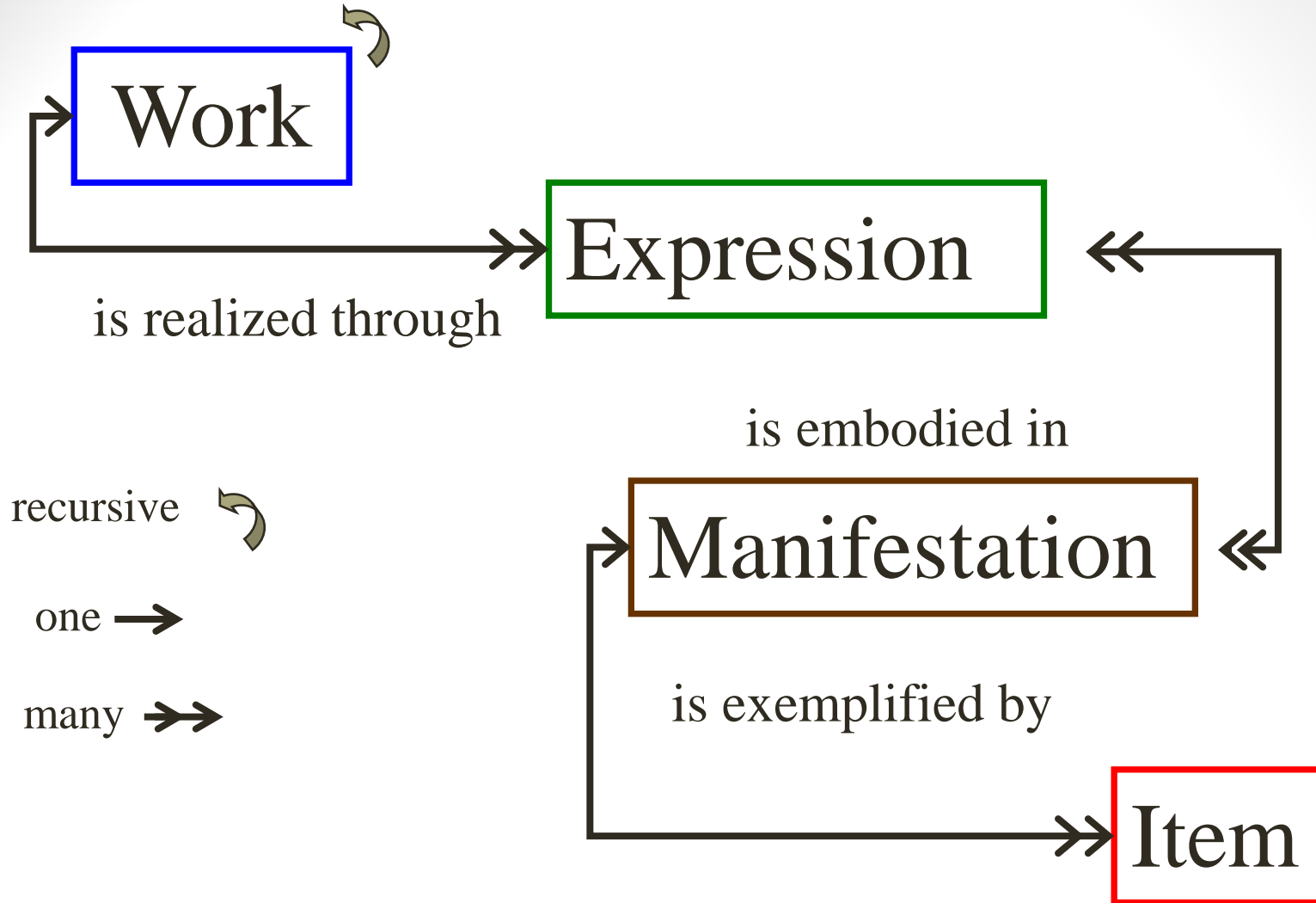
Work: a distinct intellectual or artistic creation

Expression: a realization of a work

Manifestation: the physical embodiment of an expression of a work (i.e., the format)

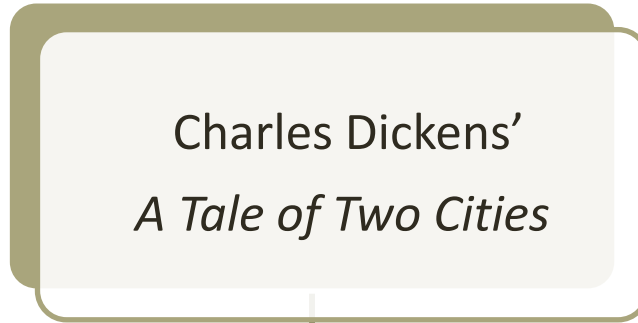
Item: a single copy of a manifestation



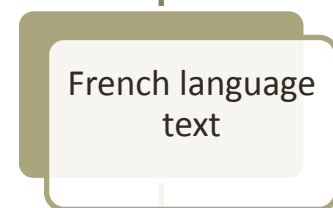
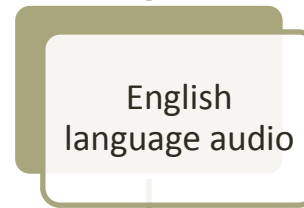
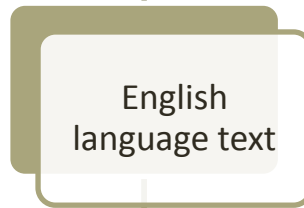


# WEMI Illustrated

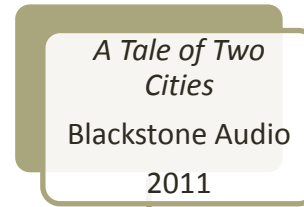
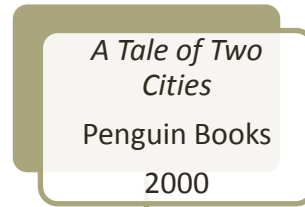
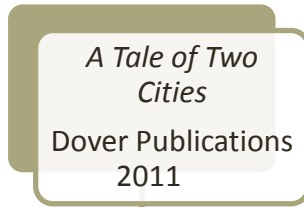
W



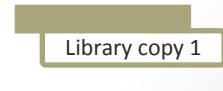
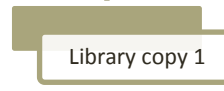
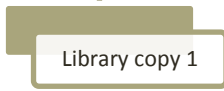
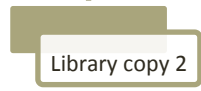
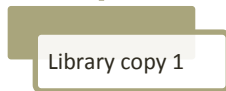
E



M



I



# AACR2 and RDA: What's the Difference?

- “Take what you see, accept what you get.”
  - ▶ including the option to capitalize all words as found on the resource
- No abbreviations unless found on the resource
  - ▶ including no more Latin abbreviations to describe missing information
- Different ways of dealing with inaccuracies
- No more “rule of 3” when transcribing authors’ names
- Publication and copyright dates are separate elements
- More emphasis on cataloger judgment, alternatives, and options
  - ▶ “ifs” and “ors”
  - ▶ “agency preparing ...” instructions

# AACR2 and RDA: What's the Difference?

- Core elements (RDA Instruction 0.6)
  - ▶ Attributes mandatory for a national level record
    - ▶ Some elements are always core if applicable
    - ▶ Some elements are core only in certain situations
  - ▶ Individual libraries can identify other elements as core for their local cataloging
  
- Sources of information expanded

# AACR2 to RDA Vocabulary

AACR2	RDA
Heading	Authorized access point
Author, composer, etc.	Creator
Main entry	Preferred title + authorized access point for creator if appropriate
Uniform title	(1) Preferred title (+ other information to differentiate) (2) Conventional collective title (e.g., "Works.")
Physical description	Carrier description
Chief source	Preferred sources
GMD	Content type + media type + carrier type (3 new MARC fields)
See reference	Variant access point
See also reference	Authorized access point for related entry

# RDA Changes to MARC21 Bibliographic Records

- Two clues that a record is an RDA record
  - ▶ Leader/18: value “i” (ISBD punctuation)
  - ▶ 040 \$a DLC **\$b eng** \$c DLC **\$e rda**
  
- Some additional codes in various character positions of the 007/008 fields
  
- 040 Cataloging Source
  - ▶ \$b language of cataloguing
  - ▶ \$e description conventions

# RDA Changes to MARC21 Bibliographic Records

- Three new MARC fields replace the General Material Designations (GMD) (e.g., [videorecording], [electronic resource])
  - ▶ 336: Content (fundamental form; e.g., text, performed music, two-dimensional moving image)
    - ▶ \$a = content type term
    - ▶ \$b = content type code
    - ▶ \$2 = source
  - ▶ 337: Media (intermediation device used to view, play, run, etc. the resource; e.g., audio, video, unmediated)
    - ▶ \$a = media type term
    - ▶ \$b = media type code
    - ▶ \$2 = source
  - ▶ 338: Carrier (storage medium and housing; e.g., audio disc, video disc, volume)
    - ▶ \$a = carrier type term
    - ▶ \$b = carrier type code
    - ▶ \$2 = source

# Sample 336-338s

## Print Book

300 \$a 238 pages  
336 \$a text \$2 rdacontent  
337 \$a unmediated \$2 rdamedia  
338 \$a volume \$2 rdacarrier

GMD equivalent = none

## Online Book

300 \$a 1 online resource (39 pages)  
336 \$a text \$2 rdacontent  
337 \$a computer \$2 rdamedia  
338 \$a online resource \$2 rdacarrier

GMD equivalent = [electronic resource]

## DVD

300 \$a 1 videodisc (27 minutes)  
336 \$a two-dimensional moving image \$2  
rdacontent  
337 \$a video \$2 rdamedia  
338 \$a videodisc \$2 rdacarrier

GMD equivalent = [videorecording]

## CD

300 \$a 1 sound disc  
336 \$a performed music \$2 rdacontent  
337 \$a audio \$2 rdamedia  
338 \$a audio disc \$2 rdacarrier

GMD equivalent = [sound recording]



# RDA Changes to MARC21 Bibliographic Records

- Relationship designators in 100-111 and 700-711 fields
  - ▶ Shows the role or contribution
  - ▶ Relator terms
    - ▶ \$e in 100/110 & 700/710
    - ▶ \$j in 111 & 711
    - ▶ Can be taken from RDA Appendix I
    - ▶ Examples : author, composer, editor, translator
  - ▶ \$4 Relator codes
    - ▶ Taken from the *MARC Code List for Relators*  
[\(http://www.loc.gov/marc/relators/\)](http://www.loc.gov/marc/relators/)

# RDA Changes to MARC21 Bibliographic Records

- Relationship information in 7XX fields
  - ▶ Describes relationships between the resource described in the 7XX fields and the resource described in the 1XX/245 fields
    - ▶ \$i Relationship information
      - ▶ Example 1:
        - 100 1# \$a Brown, Dan, \$d 1964- \$e author
        - 240 10 \$a Digital fortress. \$l French
        - 245 10 \$a Forteresse digitale.
        - 700 1# \$i Translation of: \$a Brown, Dan, \$d 1964- \$t Digital fortress.
      - ▶ Example 2:
        - 787 0# \$i reproduction of (manifestation) \$a Verdi, Giuseppe, \$d 1813-1901.
        - \$t Otello.\$d Milan : Ricordi, c1913 \$w ###85754295 \$w (OCoLC)23483267
    - ▶ \$4 Relationship codes (newly defined in 76X-78X fields)

# AACR2 and RDA: What's the Difference?

## Bibliographic Record Examples

100:1 : \$a Olney, Martha L., \$d 1956-  
245:10: \$a Macroeconomics as a  
second language /\$c by Martha Olney.  
250: : \$a 3rd ed.  
260: : \$a Hoboken, N.J. : \$b Wiley, \$c  
c2011.  
300: : \$a xvi, 334 p. : \$b ill. ; \$c 24 cm.

### AACR2 Record – Single Author Title

100:1 : \$a Olney, Martha L., \$d 1956-  
\$e author.  
245:10: \$a Macroeconomics as a  
Second Language / \$c by Martha  
Olney.  
250: : \$a Third edition.  
260: : \$a Hoboken, New Jersey : \$b  
Wiley, \$c [2011], ©2011.  
300: : \$a xvi, 334 pages : \$b  
illustrations ; \$c 24 cm.  
336 \$a text \$2 rdacontent  
337 \$a unmediated \$2 rdamedia  
338 \$a volume \$2 rdacarrier

### RDA Record – Single Author Title

# Displaying Errors and Unknown Information

245:00: \$a Bone augmenation  
[i.e. augmentation] in oral implantology

OR

245:00: \$a Bone augmenation [sic] in  
oral implantology

246:3 : \$a Bone augmentation in oral  
implantology

OR

245:00: \$a Bone augmen[t]ation in oral  
implantology

260: : \$a [S.l. : \$b s.n., \$c 200-?].

**AACR2 Record**

245:00: \$a Bone augmenation in oral  
implantology

246:3 : \$i Title should read: \$a Bone  
augmentation in oral implantology

260: : \$a [Place of publication not  
identified] : \$b [publisher not  
identified], \$c [date of publication  
not identified].

**RDA Record**

# Transcribing Names in the Statement of Responsibility

245:00: \$a Second growth : community economic development in rural British Columbia / \$c Sean Markey ... [et al.].

245:00: \$a Second growth : community economic development in rural British Columbia / \$c Sean Markey, John T. Pierce, Kelly Vodden, Glen Saunders and Mark Roseland.

OR

245:00: \$a Second growth : community economic development in rural British Columbia / \$c Sean Markey [and four others].

245:00: \$a Characters from Dickens : dramatized adaptation / \$c by Barry Campbell ; edited by Art Peterson ... [et al.].

245:00: \$a Characters from Dickens / \$c dramatized adaptation by Barry Campbell ; edited by Art Peterson, Dr. Colin Barham, Barry Campbell, and Leon Golman.

**AACR2: [et al.] is used for transcribing more than three names of authors, editors, etc.**

**RDA: No such limitation in RDA. Only the first name is required.**

# RDA Changes to MARC21

## Authority Records

- 046 -- Special Coded Dates: dates that are associated with the person, corporate body, or family (e.g., birth, death, range of activity)
- 336 -- Content Type: form of communication through which the work is expressed
- 370 -- Associated Place: a town, city, province, state, and/or country associated with persons, corporate bodies, families, works, and expressions
- 371 -- Address: an address (including email and Internet address) associated with the entity described in the record
- 372 -- Field of Activity: field of activity (e.g., field of endeavor, area of expertise, field of business) for a person or a corporate body
- 373 -- Affiliation: a group with which the person is affiliated or has been affiliated through employment, membership, cultural identity, etc.
- 374 -- Occupation: a profession or occupation in which the person works or has worked.
- 375 -- Gender: the gender with which a person identifies (male, female, unknown)
- 376 -- Family Information: additional information about families that have not been recorded in separate elements previously
- 377 -- Associated Language: records the language code and source of code representing the language used by a person or corporate body

# A Hybrid World

- Hybrid catalogs: catalogs with a mix of AACR2 and RDA records
  - ▶ OCLC
  - ▶ Library of Congress catalog
  - ▶ Probably your own catalog
  
- Hybrid access points
  - ▶ Program for Cooperative Cataloging guidelines tell us to not create hybrid AACR2/RDA authorized access points in establishing new headings or in making additions to existing headings; follow either AACR2 or RDA
  
- Hybrid records: records created with a mixture of cataloging rules
  - ▶ avoid in general

# Hybrid Record Example

Books		Rec stat	c	Entered	20110307	Replaced	20111026135610.9				
Type	a	ELvl	K	Srce	d	Audn		Ctrl		Lang	eng
BLvl	m	Form	o	Conf	0	Biog		MRec		Ctry	enk
		Cont	b	GPub		LitF	0	Indx	1		
Desc	a	llls	a	Fest	0	DtSt	s	Dates	2011	,	
100	1										<a href="#">Levy, David</a> , #d <a href="#">1954-</a> #e author.
245	1	0									Practical Diabetes care #h [electronic resource] / #c David Levy MD FRCP Consultant Physician, Gillian Hanson Centre, Whipps Cross University Hospital ; Honorary Senior Lecturer, Queen Mary University of London, London, UK.
250											3rd ed.
260											Chichester, West Sussex : #b Wiley-Blackwell, #c 2011, ©2011.
300											1 online resource (xxi, 314 p.) : #b illustrations (some col.)
336											text #2 rdacontent
337											unmediated #2 rdamedia
338											volume #2 rdacarrier
504											Includes bibliographical references and index.
588											Description based on print version record.
650		0									<a href="#">Diabetes</a> #x <a href="#">Treatment</a> .
650		0									<a href="#">Primary care (Medicine)</a>
776	0	8									#i Print version: #a Levy, David, 1954- author. #t Practical Diabetes care. #b Third Edition. #d Chichester, West Sussex : Wiley-Blackwell, 2011, ©2011 #z 9781444333855 #w (DLC) 2010047258 #w (OCoLC)680587179
787	0	8									#i Revision of (work) #a Levy, David, 1954- #t Practical diabetes #b 2nd ed. #d St. Albans : Altman Pub., 2006 #w (OCoLC) 173072518



# RDA Impact on Users

Maybe some good things:

- Many fewer abbreviations
- No more “rule of three”
- No more Latin
- Relationship designators

# RDA Impact on Users

Maybe some not-so-good things:

- Lack of standardization effects on keyword searching?
  - ▶ e.g., 1<sup>st</sup> ed., First edition, 1<sup>st</sup> edition, First ed.
  
- Loss of General Material Designations (GMDs)
  - ▶ GMD after the title tells user the medium of the resource (videorecording, electronic resource, etc.)
  
  - ▶ 336-338 fields facilitate communication between computers, but aren't as easily understood by humans and may not be displayed in OPACs

# AACR2 OPAC Display

With GMD:

**Roméo et Juliette [videorecording]**

2005.  
Copies available at Blmgtn - Music Library (B-MUSIC)

**William Shakespeare's Romeo + Juliet [videorecording]**

*Music ed. Widescreen.*  
Beverly Hills, Calif. : 20th Century Fox Home Entertainment, c2006  
Copy available at Blmgtn Res Halls - Teter Comm Lib & Res Ctr (BH-TETER) in RPSL - DVDs (shelved by title)

**Roméo et Juliette [videorecording]**

2009.  
Copies available at Blmgtn - Music Library (B-MUSIC)

**Roméo et Juliette [electronic resource]**

Gounod, Charles, 1818-1893.  
Roméo et Juliette  
Copy available at Blmgtn - Music Library (B-MUSIC) in Cook Music Library - Variations System - Restricted Access

**Romeo & Juliet [sound recording]**

Prokofiev, Sergey, 1891-1953.  
Romeo i Dzhul'etta (Ballet) 2 sound discs (138 min., 58 sec.) : digital, stereo., SACD ; 4 3/4 in.  
Copy available at Blmgtn - Music Library (B-MUSIC) in Cook Music Library - Frontlog - CD's -- To Use, Ask Staff

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# Implementing RDA: What Should I Be Doing About It?

- The national libraries (Library of Congress, National Agricultural Library, National Library of Medicine) will not implement before January 1, 2013
  - ▶ Implementation after that date is contingent on progress made towards improving RDA
  - ▶ Some libraries are already creating RDA records and contributing them to OCLC
  
- Prepare your integrated library system (ILS)
  - ▶ Make sure your ILS can handle the new RDA-related MARC21 changes
    - ▶ Is this something you can do, or must your vendor do it for you?
  - ▶ Decide how to display and index RDA records
  
- Prepare yourself and your staff
  - ▶ Even if you don't implement RDA, there will still be RDA records in your ILS
  - ▶ Explore the RDA Toolkit (<http://www.rdatoolkit.org/>) or print version of RDA; if no access, review the last full draft: <http://www.rdatoolkit.org/constituencydraft>
  - ▶ Take advantage of the numerous free training resources

# RDA Training Resources

- LC's RDA website: <http://www.loc.gov/aba/rda/>
- ALA Association for Library Collections & Technical Services: <http://www.ala.org/ala/mgrps/divs/alcts/confevents/upcoming/webinar/cat/rda.cfm> (some webinars are free)
- Indiana University's RDA Wiki: <http://iurda.pbworks.com>
- Oliver, Chris. *Introducing RDA : a Guide to the Basics*. Chicago: American Library Association, 2010.
- Miller, Liz. "Resource Description and Access (RDA): an Introduction for Reference Librarians." *Reference and Users Services Quarterly* 50.3 (2011): 216-22.

# Questions?

