

RDA for All: RDA, Music Discovery, and Beyond

## RDA and Music Discovery

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Music Library Association Annual Meeting,  
March 2, 2013, San Jose, California

## Outline

- RDA: A Content Standard
- The Music Discovery Requirements
- Combining the Puzzle Pieces: An Example
- How RDA Facilitates Improved Discovery

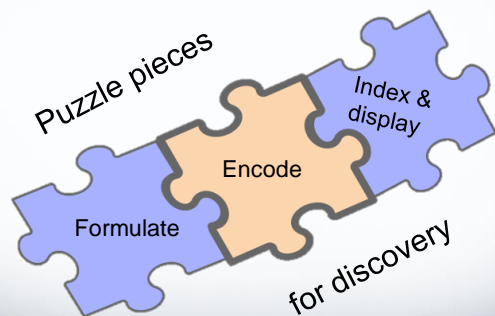
## RDA: A Content Standard


## RDA: A Content Standard

- "RDA provides a set of **guidelines and instructions on formulating data** to support resource discovery." (RDA 0.0)
- "In order to optimize flexibility in the storage and display of the data produced using RDA, **a clear line of separation has been established between the guidelines and instructions on recording data and those on the presentation of data.** Guidelines and instructions on recording data are covered in chapters 1 through 37; those on the presentation of data are covered in appendices D and E." (RDA 0.1)

## Appendixes D & E




- Appendix D: Record Syntaxes for **Descriptive Data**
  - "guidelines on the presentation of data in accordance with ISBD specifications, and a mapping of the variable fields and subfields defined in the MARC 21 format for **bibliographic** data to the corresponding elements in RDA." (RDA D.0)
- Appendix E: Record Syntaxes for **Access Point Control**
  - "guidelines on the presentation of access points and references derived from AACR2 rules and examples, and a mapping of the variable fields and subfields defined in the MARC 21 format for **authority** data to the corresponding elements in RDA." (RDA E.0)





No score for the *Surprise Symphony*? And the only recordings we have are on LP? What's wrong with this library?!?

### Puzzle Details/Examples

-  **Formulate:** RDA, AACR2
-  **Encode:** MARC, Dublin Core, MODS, EAD, CDWA Lite, VRA Core
-  **Index & display:** Music Discovery Requirements

## The Music Discovery Requirements



Index & display

## Previous Efforts

- Lenore Coral, "Automation Requirements for Music Information," *Notes* 43, no.1 (September 1986): 14-18.
- Music Library Association Automation Subcommittee, "Automation Requirements for Music Materials, Final Subcommittee Draft," 1997, [http://library.music.indiana.edu/tech\\_s/mla/autoreq.txt](http://library.music.indiana.edu/tech_s/mla/autoreq.txt)

## History/Background

- Not a standard; "recommendations and possible best practices"
- Created under auspices of MLA's Emerging Technologies and Services Committee
  - Group members: Nara Newcomer (leader), Rebecca Belford, Deb Kulczak, Kimmy Szeto, Jennifer Matthews, Misti Shaw
- Endorsed by the MLA Board of Directors, Aug. 8, 2012.

## Availability

- MLA web site <http://committees.musiclibraryassoc.org/ETSC/MDR>
- Newcomer, Nara L., Rebecca Belford, Deb Kulczak, and Kimmy Szeto with Jennifer Matthews, Misti Shaw, "Music Discovery Requirements: A Guide to Optimizing Resources," *Notes* 69, no. 3 (March 2013): 494-524. [sans appendixes]

## Target audience

- Those creating or guiding the development of discovery interfaces that will include music materials.
- Not just music specialists: vendors, programmers, system administrators, etc.

## Focus

- Musical works
  - "Notated music" (scores)
  - "Performed music" (recordings)
- Not secondary literature (books/articles *about* music)

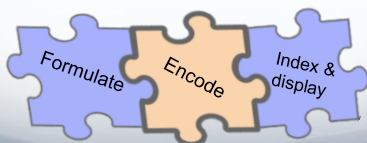
## Contents

- Music Discovery Requirements Document
- Appendix A. Compiled Details of Indexing and Display Requirements (Bibliographic/Descriptive): Index Focused version (spreadsheet)
- Appendix B. Compiled Details of Indexing and Display Requirements (Bibliographic/Descriptive): Tag Focused version (spreadsheet)
- Appendix C. MARC Bibliographic Record Mapping for Content and Carrier

## Outline

- |  |   |
|--|---|
| <b>I. Introduction</b>                     | D. Musical Presentation                     |
| <b>II. Musical Works</b>                   | E. Edition                                  |
| A. Introduction                            | F. Language                                 |
| B. Titles                                  | G. Medium of Performance                    |
| C. Identifying Numbers                     | H. Musical Key/Range                        |
| D. Medium of Performance                   | I. Dates                                    |
| E. Musical Key/Range                       | J. Persons and Corporate Bodies             |
| F. Dates                                   | K. Geographic Area                          |
| G. Persons and Corporate Bodies            | <b>IV. Other Aspects of Music Discovery</b> |
| H. Topical Subjects                        | A. Introduction                             |
| I. Genre/Form                              | B. Authority Records                        |
| J. Geographic Area                         | C. Compilations                             |
| <b>III. Expressions and Manifestations</b> | D. Searching: Alphabetical and Keyword      |
| A. Introduction                            | E. Enhancements: Third-party Content        |
| B. Format: Content and Carriers            | F. Music-Specific Interface/View            |
| C. Identifying Numbers                     |   |

## Combining the Puzzle Pieces: An example



RDA =



Symphony no. 4 in B-flat major, op. 60 ; Symphony no. 5 in C minor, op. 67 [videorecording]  
 Karajan, Herbert von.  
 2001

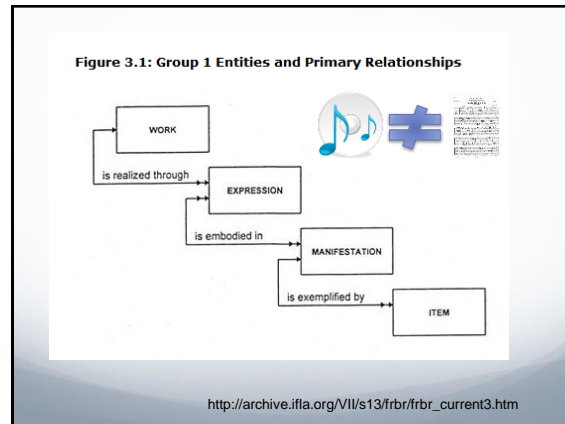
The original jacket collection [sound recording]  
 Bernstein, Leonard, 1918-1990.  
 2001

The complete symphonies and piano concertos [sound recording]  
 Beethoven, Ludwig van, 1770-1827.  
 2000

Symphonia Nr. 5, c-Moll, op. 67 = Symphony no. 5 in C minor  
 Beethoven, Ludwig van, 1770-1827.  
 1996

Solos for the bassoon player [sound recording]  
 Grice, Janet.  
 1996

The legacy of Emory Remington and the Eastman Trombone Choir [sound recording]  
 Remington, Emory.  
 1996



## RDA & Content/Carrier:

- RDA 6.9 Content Type ex.: performed music
- RDA 3.2 Media Type ex.: audio
- RDA 3.3 Carrier Type ex.: audio disc

**Examples:**

- LP or CD: performed music, audio, audio disc
- Score (printed): notated music, unmediated, volume

## From MDR III.B Format: Content & Carrier

- User needs: find, identify, and select content type as well as specific carriers
- Problems with existing data formulation/encoding:
  - Ex.: RDA's "performed music, audio, audio disc"
- Proposes solutions:
  - MARC coding as best way
    - Detailed in Appendix 3

## Icons

Symphony no. 5 in C minor, opus 67 [videorecording]  
 Toscanini, Arturo, 1867-1957.  
 1990

La Scala Orchestra acoustic recordings [sound recording]  
 Toscanini, Arturo, 1867-1957.  
 1992

Symphony no. 9 in D minor ; Symphony no. 3 [sound recording] : "Eroica" : scherzo ; Symphony no. 7 : scherzo and allegro con brio  
 Beethoven, Ludwig van, 1770-1827.  
 1970

Symphony no. 1, in C major, op. 21  
 Beethoven, Ludwig van, 1770-1827.

East Carolina University SirsiDynix Symphony e-library

## Facets & Limits

1. **Format**
  - All Formats (7,743)
  - Music (5745)
  - CD (3196)
  - LP (774)
  - Cassette (453)
  - eMusic (219)
  - Musical score (396)
  - Downloadable musical score (39)
  - Video (358)
  - DVD (186)
  - VHS (158)
  - Film (9)
  - Bluray (7)
  - eVideo (3)
  - Book (264)
  - eBook (17)
  - Thesis/dissertation (15)
  - Microform (4)
  - [Show more...](#)
2. **Audio and Video Formats:**
  - All Sound Recording Formats**
  - Audio cassettes
  - CDs
  - LPs
  - 45 rpm
3. **Recordings and scores**
  - Recordings and/or Scores (587)
  - Recordings (529)
  - Scores (58)
  - [See More ->](#)

**Recording format**

- CD (84)
- LP (79)
- Cassette (7)
- [See More ->](#)

1. WorldCat Local
2. University of Missouri system, III Millennium
3. University of Virginia, Blacklight

## How RDA Facilitates Improved Discovery



## History: Book Bias

- Charles Ammi Cutter, *Rules for a Printed Dictionary Catalog* 1876, p. 10.
- “The object of a library catalog is to enable a person to find a book of which the **author**, **title**, or **subject** is known.”

## “Beethoven’s 9<sup>th</sup> Symphony”

- Author: Beethoven
  - clear, but insufficient due to prolific composers & multiple versions
- Title: 9<sup>th</sup> Symphony? Ode an die Freiheit? Symphonies, no. 9, op. 125, D minor? etc.
  - outside cataloging codes, formulation is inconsistent
- Subject: ???
  - music “subject headings” often reflect non-subject attributes (medium of performance, genre, geographic area, function/occasion, etc.)

## RDA is (less) Book-Centric

- | RDA sections  | AACR2 organization  |
|---|---|
| 1. Manifestation & Item   | • Part I: Description <ul style="list-style-type: none"><li>• Chapters for books, music, sound recordings, etc.</li></ul>             |
| 2. Work & Expression  |   |
| 3. Person, Family, and Corporate Body                                       | • Part II. <ul style="list-style-type: none"><li>• Chapters for access point selection, heading formulation, and references</li></ul> |
| 4. Concept, Object, Event & Place<br><small>[to be developed later]</small> |   |
| 5-10. Recording relationships between these.                                |   |

## RDA is (less) Book-Centric

- Individual attributes for:
  - Medium of performance
  - Numeric designation
  - Key
  - Language
  - Date of expression
  - etc.
- Previously crammed into titles, subject headings, notes, etc.

## Example: Medium of Performance

- AACR2
  - no separate attribute; some access via uniform titles; might be transcribed in titles or given in notes.
- LCSH
  - but combined with genre/form
- MARC
  - may be coded in 048
- Classification
  - but infrequently applied to recordings
- RDA
  - a core element for identifying works & expressions

## RDA Emphasizes Relationships

- RDA sections for recording attributes of:
  1. Manifestation & Item
  2. Work & Expression
  3. Person, Family, and Corporate Body
  4. Concept, Object, Event & Place [to be developed after the initial release of RDA]
- RDA sections 5-10 for recording relationships between these.

## RDA Allows For Recording:

- For persons
  - date
  - gender
  - place of birth
  - place of death
  - associated country
  - place of residence
  - address
  - affiliation
  - language
  - field of activity
  - associated group
  - profession/occupation of person
- For corporate bodies
  - associated place
  - associated date
  - associated institution
  - number of conference
  - other designation
  - language
  - address
  - field of activity

What next?