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Applying RDA to CONTENTdm & Islandora

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Applying RDA to CONTENTdm & Islandora

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Project Background

- Resource Description and Access (RDA) has been developed for the digital world and it is still undergoing changes;
- The descriptive standards for the archival, museum, and library communities have become more converged;
- The development of RDA greatly affected other standards in the library and archival world, and it led to the accommodation of RDA in Metadata Object Description Schema (MODS), and the revision of Describing Archives: A Content Standard (DACS);
- National tests of applying RDA to non-MARC metadata standards in 2010 concluded that RDA cannot be fully realized or applied without an applicable system;
- While the framework and system are under development, small scale of RDA application in current content management systems is ongoing in some libraries.

RDA: A Content Standard

- **RDA** is the new, unified **cataloging standard** which is designed **for the digital world** and an expanding universe of metadata users.
- RDA essentially **standardizes how metadata content is identified, transcribed and generally structured**; it identifies a general **set of metadata elements**, and in many cases provides a **controlled vocabulary** for use; it does **not depend on a particular metadata encoding scheme** (Hillmann et al., 2010)
- **RDA is a metadata content standard. Its major changes from AACR2:**
 - "Take what you see" (representation principle)
 - Fewer abbreviations (clear for the users)
 - No more "rule of three" for MARC (More access points)
 - Sources for information expanded
 - Content, Media, and Carrier types
 - Controlled vocabularies available as registries for the semantic web

RDA-DC

- **RDA-DC mapping:** semantic disjunction, many-to-one relationship;
- DC only supports a few **RDA refinements**, not including the **roles**;
- To accommodate **RDA value vocabularies**, local qualified DC schema needs to be developed;
- **The RDA non-MARC Tests** (Wacker, Han and Dartt, 2011)

- **DC is a metadata structure standard:** it provides a metadata element set and scheme(s), but it doesn't give detailed instructions on how to describe the resource;

- **DCMI/RDA Task Group:** Open Metadata Registry; RDA Dublin Core Application Profile (DCAP)
- Understanding RDA as a DC Application Profile (Taniguchi, Shoichi, 2013)

RDA-MODS

- **MODS 3.4** has been developed to accommodate RDA:
 - Added "family" as a **type attribute** (`mods:name type="family"`);
 - Incorporated some RDA **value vocabularies**: RDA's "Modes of Issuance" mapped to `<mods:originInfo><mods:issuance>`;
 - Added attribute `<supplied>` for several MODS elements;
 - Can **include URIs for terms** from the LC subject authority file, RDA value vocabularies, role terms, content, media and carrier types, e.g., `<mods:form authority="rdacarrier" authorityURI="" type="carrier" valueURI="">` .
- **The RDA non-MARC Tests** (Wacker, Han and Dartt, 2011)
- **MODS is also a metadata structure standard**: it defines elements, sub-elements for the object and their attributes; it has some guidance for use, but **lacks in-depth instruction on how to describe the object.**
- **RDA to MODS Mapping** (in RDA Toolkit)

RDA-DACS

- **DACS:** Describing Archives: A Content Standard. Used in conjunction with structural and encoding standards such as MARC and Encoded Archival Description (EAD).
- **RDA and DACS are both metadata content standards.**
- **Some RDA changes are in accord with current archival practice**, e.g., inclusion of family names as a type of creator, added granularity to name authority records, not using abbreviations;
- It is not easy to accommodate RDA core elements in archival description (e.g., content and carrier type), these **vocabularies** sometimes **do not reference archival materials well**;
- The RDA non-MARC Tests (Wacker, Han and Dartt, 2011)
- In response to the RDA release, the Society of American Archivists revised DACS:
 - **Describing Archives: A Content Standard, 2nd edition, 2013** (<http://files.archivists.org/pubs/DACS2E-2013.pdf>)
 - **Some changes:** the removal of Part III which had been superseded by RDA (mainly those related to family names creation); use "devised titles" to replace "supplied titles"...
 - Includes **DACS to RDA Mapping Table**.

Accommodating RDA

- The benefits of RDA "were not fully realized or applied" during the national RDA non-MARC test;
- The test concludes that it is not easy to evaluate RDA "without an application available to aptly manage and display the data";
- However, before we have a new system, what can we do in existing CMS and DAMS?
 - **Ball State University's RDA Compliance Project** (Leigh, K. & Leigh, R., 2014): made some heading changes across its Digital Media Repository;
 - Mostly based on **Library of Congress's memo** "Changes to Headings in the LC Catalog to Accommodate RDA", 2013.
 - What can UCF Libraries do to accommodate RDA for digital collection records creation, enhancement and migration?
 - This study mainly addresses **metadata content creation and update**, not system design, data structure or schema change.

UCF Libraries Content & Digital Asset Management Systems

○ **CONTENTdm at UCF Libraries**

- Currently stores images, manuscripts, university archival materials and other digital collections (including community collections).
- Supports metadata schema: qualified Dublin Core, locally defined elements, Visual Resources Association (VRA) Core element, and Encoded Archival Description (EAD) standards.

○ **DigiTool: State University Libraries of Florida**

- DigiTool is hosted by Florida Virtual Campus (FLVC) for the state universities and state colleges of Florida.
- Hosts local history and culture heritage materials in the library archives and special collections.
- UCF collections in DigiTools have been migrated to Islandora.
- Supports metadata schema: Dublin Core, MODS, MarcXML and METS.

UCF Libraries Content & Digital Asset Management Systems (Cont.)

- **Islandora** is an open source Digital Asset Management System (DAMS) based on FedoraCommons (as base repository), Drupal (as front-end CMS) and solr (as discovery application).
- **Islandora FLVC**
(https://islandora.pubwiki.fcla.edu/wiki/index.php/Main_Page)
 - FLVC instance hosted for the state universities and state colleges in a collaborative environment.
 - UCF's collections: Florida Heritage, PRISM, Florida Historical Quarterly
 - Supports metadata schema: Dublin Core, MODS, MarcXML and METS

Applying RDA to CONTENTdm Collections: Personal Headings

- **Issue: Do we need to add year or role term to names in DC records?**
 - DC cannot distinguish between name, role and year in a heading (MODS can).
 - Some add role at the end of the name using "[]" or "()", but **role cannot be marked up** in DC.
 - Bibliographic and authority work are both based on the FRBR and FRAD models; **role can be part of the LC authorized name.**

- **Personal Name Headings – Qualifiers**
 - RDA 9.19.1.2 **Title** or Other Designation Associated with the Person
 - RDA 9.19.1.3 **Date** of Birth and/or Death
 - RDA 9.19.1.4 **Fuller Form** of Name
 - RDA 9.19.1.5 **Period of Activity** of the Person and/or **Profession** or **Occupation**

Applying RDA to CONTENTdm Collections: Personal Headings (Cont.)

- University Archives: change "Outcault, Richard Felton" to Outcault, Richard Felton, 1863-1928 (LC authorized term).
- St. Luke's Collection: Construct name heading for Slovak names, e.g., Mikler, Michael, Ml., 1906-1939
 - Ml. ("mladsi"-junior)... (In Slovak language, "mladsi" means junior, "starsi" means senior)
- Harrison Price Papers: "Price, Harrison" is a LC authorized term. No need to add year or role.

Applying RDA to CONTENTdm Collections: Family Name Headings

- RDA provides guidelines for the creation and use of descriptive access points for family names.
 - 10.1 Constructing Access Points to Represent Families
 - 10.3 **Type** of Family
 - 10.4 **Date** Associated with the Family
 - 10.5 **Place** Associated with the Family
 - 10.6 **Prominent Member** of the Family
 - An example in RDA Toolkit: Peale (Family : Peale, Charles Willson, 1741–1827)
- **St. Luke's Collection:** St. Luke's Lutheran Church family name headings are not in LCSH

- Replace old heading with

Duda Family	Duda (Family : Seminole County, Fla.)
Jakubcin Family	Jakubcin (Family : Seminole County, Fla.)
Lukas Family	Lukas (Family : Seminole County, Fla.)
Mikler Family	Mikler (Family : Seminole County, Fla.)
Tuhy Family	Tuhy (Family : Seminole County, Fla.)

Applying RDA to CONTENTdm Collections: Corporate Name Headings (Cont.)

- Corporate Name Headings: RDA 11.2.2.3 Choosing the Preferred Name (choose the name by which the corporate body is commonly identified)
 - Example: Duda & Sons, Inc.

- **Expanding certain abbreviations in corporate headings:**

- **University Archives:** Name/author and subject-unit changes

- "Dept." changed to "Department", e.g.,

Florida Technological University Library Reference **Dept**
Florida Technological University. Library. Reference **Department**

University of Central Florida. **Dept.** of Chemistry
University of Central Florida. **Department** of Chemistry

- "UCF" changed to "University of Central Florida.", e.g.,

UCF Library
University of Central Florida. Library

UCF College of Education
University of Central Florida. College of Education

Place Changes to be Compliant to RDA

- UCF Community Veterans History Project
- Home State (of the veteran):
 - Use RDA: B.11 Names of Certain Countries, States, Provinces, Territories, Etc.
 - E.g., Ala., Ark., Calif., Conn., D.C., Del., Fla., Ga., Ill., Ind., Iowa, Kan., Ky., La., Mass., Md., Me., Mich., Minn., Miss., Mo., N.C., N.D., N.H., N.J., N.Y., Neb., Okla., Or., Pa., R.I., S.C., S.D., Tenn., Tex., Va., Vt., Wash. Wis., Wyo.
 - If not in RDA: B.11, use **postal abbreviation**: HI, ID, IA, OH, UT
 - **If not available, use**: N/A (for foreign places), Unknown
- **Place of Birth**: Orlando, Fla.; Mount Savage, Md. (States use standard abbreviations)

Place Changes to be Compliant to RDA (Cont.)

○ Location of Service (mapped to Coverage-Spatial):

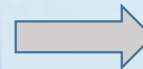
- Format change to conform to LC Name Authority File- Geographic Headings

○ Places:

- Charleston, S.C.; Ardmore, Okla.; Beaufort, S.C.
- Baghdad, Iraq; Biche, France; Berlin, Germany

○ Camps:

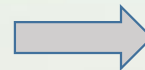
Camp Coyote, **Kuwait**
Camp Dix, N.J.
Camp Elliott, Calif.
Camp Liberty, Iraq
Forward Operating Base (FOB) Falcon, Iraq



Camp Coyote (**Kuwait**)
Camp Dix (N.J.)
Camp Elliott (Calif.)
Camp Liberty (Iraq)
Camp Al-Saqr (Iraq)

○ Military bases:

Al Asad Airbase, Iraq
Camp Al Asad, Al Anbar, Iraq
Al Jabber Airbase, Kuwait
Clarke Air Base, Philippines
Royal Air Force Base Alconbury
Lackland AFB, San Antonio, Tex.



Al Asad Airbase (Iraq)
Al Jabber Airbase (Kuwait)
Clarke Air Base (Philippines)
Royal Air Force Alconbury (England)
Lackland Air Force Base (Tex.)

Expanding Abbreviations for Dates and Uniform Titles

○ Expanding certain abbreviations for dates in personal heading

- Personal name heading with an active date

fl. \implies active

- Personal name heading with a birth month

Dec. \implies December

- Personal name heading with a century

cent. \implies Century

○ Expanding certain abbreviations for uniform titles

- Uniform titles with abbreviated word

acc. \implies Accompaniment

Preferred Source of Information

○ RDA 2.2.2 Preferred Source of Information

- Title page, title sheet, or title card (or an image of it), permanently printed label...; if not available,
- Use a cover or jacket issued with the resource (or an image of it);
 - a caption; a masthead; a colophon.
- If none available, use another source within the resource that has a title. Give preference to a source in which the information is formally presented.

○ 2.3.2.10 Resource with No Title

- Use title taken from another source, or devise a title.

○ 2.3.2.11 Recording Devised Titles

- Based on **nature** and **subject** of the resource.

Title Transcription Examples

○ University Archives examples:

- An Early Breakfast on a "Dinah" (Postcard),
 - or, Postcard with printed words "An Early Breakfast on a 'Dinah'"
 - Transcribe what's printed on the postcard.
- Rev. Dr. Breckenridge
 - Based on the handwritten notes on the back of the printed photograph.
- Ballou's Pictorial: Scenes in New Orleans
 - Transcribe the most predominant part on the page.
- Add an alternative title to clarify, e.g.,
 - Baker's Delight Baking Powder (transcribe what's on the item)
 - Alternative title: Billboard of Baker's Delight Baking Powder
- Devise a title: Portrait of a young African American female

Title Transcription Examples (Cont.)

○ **Title** Black Dandy

○ **Description** Black Dandy + Fence painter + child, illustrated (color)



Changed to

○ **Title** Excelsior: Ready Mixed Paints

○ **Description** Advertisement of Excelsior Ready Mixed Paints. With the illustration of Black Dandy, fence painter and a child. In color. Includes calendar of May 1891 at the bottom.

○ **Title** "Best in Town"

○ **Description** Lautz Bros. & Co. Soaps, "Best in Town"



Changed to

○ **Title** Use Lautz Bros. & Co's Soaps

○ **Title-Alternative** Black Americana Lautz Bros. & Co's Soap Trade Card

○ **Description** Black Americana Lautz Bros. & Co's Soap Trade Card. Illustrated with a black boy carrying a drum. Has text "Use Lautz Bros. & Co's Soaps" and "Best in the Market" below the picture.

Other Transcribing Issues

- **5.9.1 Basic Instructions on Making Cataloguer's Notes**
- 5.9.1.1 Scope A cataloguer's note is an annotation that clarifies the selection and recording of identifying attributes, relationship data, or access points for the entity.
- **The Central Florida Future Newspaper content note: Debating between "Transcribe as found" and adding added value content**
 - **Spell out abbreviations** (for newspaper headlines)
 - S.G.A. to form [S.G.A., Student Government Association]
 - HEW [Department of Health, Education and Welfare] gives FTU more \$\$
 - **Adding added value content, such as names**
 - Orlando's own astronaut [John W. Young] to be graduation speaker
 - Music head announced [: Dr. Leonidas N. Sarakatsannis]
 - **Specifying "photo" in headline/content description** (no separate photo descriptions)
 - Millican explains the university seal during Sunday's open house (photo)
 - **Adding explanations**
 - "Strive for excellence" [Remarks by Chester Ferguson]
 - **Recording column changes for early issues**
 - The Voice of the Future [Column, name changed from "Editorial"]

"Transcribe as found" vs.
Spell out abbreviations

"Transcribe as found" vs.
Added value content

Type, Format, Genre Maze

○ DCMI types:

Collection, Dataset,
Event, **Image**,
Interactive Resource,
MovingImage, Service,
Software, **Sound**,
StillImage, **Text**

○ RDA Media types:

audio, computer,
microform, microscopic,
other, projected,
stereographic,
unmediated,
unspecified, **video**

○ Type Example: Carol Mundy Collection

- **DCMI Type Vocabulary Terms** (Added to all records): Still image, Text, Image
- Added **Genre** and/or Subject Terms **from Thesaurus for Graphic Materials (TGM)**:
 - Advertisements; Aerial views; Caricatures; Cartoons (Commentary); Children's comics; Color photographs (*genre only); Comics; Drawings; Engravings; Fans (Ephemera); Magazine illustrations (*variants); Newspaper Illustrations (*variants); Periodical illustrations; Newspapers; Photographic postcards; Photographic prints; Photographs; Portrait photographs; Postcards; Prints
 - *Included variants.
- In checking student worker added terms, if not in TGM, will see if they are in **RBMS Controlled Vocabularies**
 - Yes: Academic catalogs, Periodicals, Serials (keep)
 - No: Billboards, Journal Serial, Journals (delete from the controlled list)

Type, Format, Genre Maze (Cont.)

- For most special collection objects, use the following terms for **Format**:
 - application/pdf
 - image/jp2
 - image/tiff

- **3.19.3.3 Recording Encoding Format**
 - Lists of terms for audio, data, image, text and video encoding formats...
 - If none of the terms in the list is appropriate or sufficiently specific, use another concise term or terms to indicate the encoding format.
 - **e.g., Community Veteran History Project**
 - **Format:** use creator specified lists
 - **VIDEO:** Betacam, VHS, 8mm, High-8, DVD, other
 - **AUDIO:** Cassette, CD, Digital (DAT)
 - **Type:** use DCMI and RDA Media Types
 - Audio, Sound, MovingImage, Video, unspecified

Applying RDA in Islandora

- The state-wide implementation of Islandora is led by Florida Virtual Campus (FLVC). It adopted MODS 3.4, and it generates MARCXML on the fly.
- **Islandora Collection and Metadata Migration @ UCF**
 - **DigiTool collections:** Political & Rights Issues & Social Movements (PRISM, available in DC format), Florida Heritage (MARCXML available), Florida Historical Quarterly
 - **CONTENTdm collections:** University Archives, Civil War, Harrison Buzz Price, Theses and Dissertations, UCF Community Veterans History... (in CONTENTdm DC format)
- **How to apply RDA in Islandora collection migration?**
 - DC-MODS (for initial migration, RDA not implemented)
 - MARCXML-MODS 3.4: FLVC customized stylesheet (MARC21slim2MODS3-4)
 - **Post-transformation Editing** (in MODS form, or, MODS XML file)

Identify RDA Records in MARC

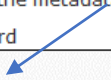
- In MARC, to identify RDA records, look for:
 - Leader/18 value "I" (ISBD), 040 \$a ____ \$b eng \$c ____ \$e rda
 - The three new fields: 336, 337 and 338;
 - Transcribed as found (245 \$a \$c) (e.g. uppercases and typos in title, lengthy statement of responsibility);
 - "[publisher not identified] etc. in 264;
 - Copyright symbol (©) and phonogram symbol (℗) in 264 \$c;
 - Lack of abbreviations (300, 250...);
 - No more "Rule of Three" (e.g. more than three for transcribed creators, added access points, conference locations...)
 - Relationship designators (e.g. translation of ..., adaptation of ...)

MODS Form

- Based on MODS 3.4; created by FLVC.
- How to identify RDA Record in MODS

Record info

Information about the metadata record.

Description Standard
 

Designates the rules used for the content of the description, if applicable.

Content source

The code or name of the organization that either created or modified the original record.

Creation date

The date or date and time on which the original MODS record was first created.

Change date

The date or date and time the original MODS record was last modified.

Record identifier

Contains the system control number assigned by the organization creating, using, or distributing the record.

Record origin

Shows the origin or provenance of the MODS record. Use this subelement to record information about the origin, or provenance of the MODS record including what methods were used to prepare the MODS record (machine generated or human prepared) and what transformations have been applied (e.g., the result of converting an existing MARC 21 record to MARCXML and to MODS).

Identify RDA in MODS

```
<recordInfo>
  <descriptionStandard>rda</descriptionStandard>
  <recordContentSource
authority="marcorg">FHM</recordContentSource
e>
  <recordCreationDate
encoding="marc">881007</recordCreationDate>
  <recordChangeDate
encoding="iso8601">20040622120251.6</record
ChangeDate>

<recordIdentifier>QFAAA7017</recordIdentifier>
  <recordOrigin>Converted from MARCXML to
MODS v3.4 using MARC21slim2MODS3-
4_FLVC.xsl (LOC rev 1.86 / 20130610) (FLVC
v7)</recordOrigin>
  <languageOfCataloging>
<languageTerm type="code" authority="iso639-
2b">eng</languageTerm>
  </languageOfCataloging>
</recordInfo>
```

- MODS Generated MARC display:
040 ## |a FHM
- Should be: **040 \$a FHM \$b eng \$e rda;**
- Language information code in MODS:
 - `<languageOfCataloging><languageTerm type="code" authority="iso639-2b">eng</languageTerm>`
 - It should be mapped to 040 \$b eng, currently it does not display in MARC;
- Description standard information in MODS:
 - `<descriptionStandard>rda</descriptionStandard>;`
 - Should be mapped to MARC 040 \$e rda, currently does not display in MARC though.
- MODS-MARC stylesheet needs more adjustments to accommodate RDA.

Applying RDA to Islandora Collections: RDA Core Element

- **RDA 0.6.2. – 0.6.9 Core elements**
- **RDA 0.6.2 Section 1: Recording Attributes of Manifestation and Item**
 - When recording data identifying and describing a manifestation or item, include as a minimum all the following elements that are applicable and readily ascertainable.
 - **Title**
 - **Statement of Responsibility**
 - **Edition statement**
 - **Numbering of serials**
 - **Production statement**
 - **Publication statement**
 - **Distribution statement**
 - **Manufacture statement**
 - **Copyright date**
 - **Series statement**
 - **Identifier for the manifestation**
 - **Carrier type**
 - **Extent**
- In metadata transformation and post-transformation editing, check the records to see if the core elements have been included, or, fill in information (if available) for these fields in the MODS form.

Relationship Designators

○ RDA: I.3.1 Relationship Designators for Contributors

- Record an appropriate term from the following list with the authorized access point or identifier for a contributor to an expression (see 20.2). Apply the general guidelines on using relationship designators at I.1.

○ Expanding certain abbreviations for personal headings, expanding or changing the format of role.

- Title: Early days in Melbourne Beach, 1888-1928.

○ Name(s): Thomas, Frank J.
Beynroth, Ewing, **ill.**
PALMM (Project)



○ Name(s): Thomas, Frank J.
Beynroth, Ewing, **illustrator**
PALMM (Project)

○ In Marc: 100 1# |a Thomas, Frank J.
700 1# |a Beynroth, Ewing |e **illustrator**
710 2# |a PALMM (Project).

○ <https://ucf.digital.flvc.org/islandora/object/ucf%3A19602#page/FrontCover/mode/2up>

Personal Names: Add Relationship Designators

- Name(s): Emery, Don J.
Daytona Beach Area Chamber of Commerce

↓ Changed to

- Name(s): Daytona Beach Area Chamber of Commerce
Emery, Don J., **illustrator** (*cover designer)

- **MARC display:**
110 2# |a Daytona Beach Area Chamber of Commerce.
700 1# |a Emery, Don J., |e **illustrator**
<https://ucf.digital.flvc.org/islandora/object/ucf%3A22284#page/01FrontCover/mode/2up>

Personal Names with Birth Date

- Personal name heading with a birth date (b.yyyy changed to yyyy-)

- Vail, Charles H. (Charles Henry), **b. 1866**



Changed to

- Vail, Charles H. (Charles Henry), **1866-**

- **In MODS:**

```
<name type="personal">
  <namePart>Vail, Charles H. (Charles Henry)</namePart>
  <namePart type="date">1866-</namePart>
  <role>
    <roleTerm type="text" authority="marcrelator">creator</roleTerm>
  </role>
</name>
```

- **Display:** Vail, Charles H. (Charles Henry), 1866-, creator

Personal Names with Death Date

- Personal name heading with a death date

○ Burns, Emile, Labour Research Department, **b. 1889**



Changed to

○ Burns, Emile, **1889-1972**

- In MODS:

```
<name type="personal">
  <namePart>Burns, Emile</namePart>
  <namePart type="date">1889-1972</namePart>
  <role>
    <roleTerm type="text" authority="marcrelator">creator</roleTerm>
  </role>
</name>
<name type="corporate">
  <namePart>Labour Research Department</namePart>
  <role>
    <roleTerm type="text" authority="marcrelator">contributor</roleTerm>
  </role>
</name>
```

○ Display: Name(s): Burns, Emile, 1889-1972, creator

○ Labour Research Department, contributor

Statement of Responsibility

- RDA 2.4.1.4 Transcribe a statement of responsibility as it appears on the source of information
- RDA 2.4.1.8 Noun Phrases Occurring with a Statement of Responsibility
 - If a noun or noun phrase occurs with a statement of responsibility, treat the noun or noun phrase as part of the statement of responsibility. E.g., research and text by Colin Barham...
- Islandora records transformation example:
 - In MODS-MARC transformation, if it's only the name (245 \$c statement of responsibility) (e.g., "by author") transformed to the **Notes** field, will delete it.
 - For example: Deleted "by James McQuade" for Notes field in post-transformation editing in MODS form.
 - <https://ucf.digital.flvc.org/islandora/object/ucf%3A6968#page/xvi/mode/2up>
 - If it has more information than "by [author]", will keep it in the Notes field.

Publisher & Language

○ RDA 2.8.4.7 No Publisher Identified

- Record publisher not identified if: no publisher is named within the resource itself and the publisher cannot be identified from other sources (see 2.2.4). For example,

- Publisher: [publisher not identified]
- Place of Publication: [place of publication not identified]

<https://ucf.digital.flvc.org/islandora/object/ucf%3A18143#page/FrontCover/mode/2up>

○ In MARC:

- 260 \$a [S.I. : \$b s.n.]... (AACR2)
- 264_1 \$a [place of publication not identified] : \$b [publisher not identified], \$c yyyy. (RDA)

○ Language

- Language (code): eng, spa
- Add Language (text), e.g., English, Spanish

Physical description

○ 3.4.5 Extent of text

○ Examples:

○ 267 pages, <12> l. of plates : illustrations (some col.), fold. col. map ; 24 cm.

○ 17, [6] pages : illustrations, map ; 23 cm.

○ 2 maps (1 col.)

○ 589 pages : illustrations, ports. ; 22 cm.

○ 275, xv pages : illustrations, maps (1 col.), ports. ; 19 cm.

○ 144, [47] pages, [8] leaves of plates : illustrations, map ; 19 cm.

○ 267 pages, 12 unnumbered leaves of plates : illustrations (some color), folded color map ; 24 cm.

○ 17, 6 unnumbered pages : illustrations, map ; 23 cm.

○ 2 maps (1 color)

○ 589 pages : illustrations, portraits ; 22 cm.

○ 275, xv pages : illustrations, maps (1 color), portraits ; 19 cm.

○ 144 pages, 47 unnumbered pages, 8 unnumbered leaves of plates : illustrations, map ; 19 cm.

RDA Content, Media and Carrier

○ MODS:

<physicalDescription>

<form authority="marcform">electronic</form>

<form type="media" authority="rdamedia">computer</form>

<form type="carrier" authority="rdacarrier">online resource</form>

<form authority="marccategory">electronic resource</form>

<form authority="marcsmd">remote</form>

<extent>109 pages : illustrations ; 24 cm.</extent>

<form authority="RDA carrier terms">online resource</form>

</physicalDescription>

<genre authority="rdacontent">text</genre>

○ MARC:

337 ## |a computer |2 rdamedia

338 ## |a online resource |2 rdacarrier

380 #7 |a text |2 **rdacontent**

○ **Display:** (suppressed repetitive/similar information display)

○ **Physical Form:** electronic resource

- Can adjust the MODS-MARC stylesheet:
 - if it's rdacontent, map it to MARC **336**;
 - if it's marcgt or other term, map it to MARC 380, e.g., Gsafd: Adventure fiction.

Subjects

- **RDA: 23.1.3 Subject**

- **Some examples from the collections**

- **Orlando, Fla** -- Social life and customs -- 20th century -- Pictorial works

- Orlando, Fla -- Pictorial works

Changed to

- **Orlando (Fla)** -- Social life and customs -- 20th century -- Pictorial works

- Orlando (Fla) -- Pictorial works

- **Geographic subject**

- **LCSH:** Havana (Cuba); Nassau (Bahamas); Florida; Slavia (Fla.)

- **Topical subject (Florida Heritage Collection uses a combination of LCSH, Sears and local subjects)**

- **FHP** Economics and Society: Post-Civil War Florida, 1865-1913;

- Florida During World War I, 1914-1918;

- Contemporary Florida, 1960-

- **Sears** History; Military history; Social history

- **LCSH** Historic buildings – Florida

Related Item

- **RDA Section 8: Recording Relationships between Works, Expressions, Manifestations, & Items**
 - **25.1 Related Work**
 - **25.1.1.3 Recording Relationships to Related Works**
 - Identifier, authorized access point, Structured Description, Unstructured Description
 - Examples: finding aid: url; In series:...; Supplement to; Includes map...
 - **26.1 Related Expressions**
 - **26.1.1.3 Recording Relationships to Related Expressions**
 - Examples: Revision of, translation of, libretto for, abridged as, continued by...
 - **27.1 Related Manifestations**
 - **27.1.1.3 Recording Relationships to Related Manifestations**
 - Examples: Electronic reproduction, reprint of, inserted in, special issue of...
 - **28.1 Related Item**
 - **28.1.1.3 Recording Relationships to Related Items**
 - Examples: Facsimile of, reproduction of, copy of...

Related Items in in FL Islandora

Related items

1

Type

- constituent
- constituent
- host
- is referenced by**
- original
- other format
- other version
- preceeding
- references
- review of
- series
- succeeding

Any initial article that should not be used for filing

Title

Florida Historical Quarterly

Subtitle

A word, phrase, character, or group of characters

Part Number

The place a single item holds in a collection or set

Part Name

The title of an individual item in a collection or set

Language

The language of the main title, usually the same language as the text.

Authority

The controlled vocabulary from which the title was taken.

Display label

- **Related Item types:**
 - Constituent, Host** (related work...)
 - Is referenced by** (related work or expression...)
 - Original** (related manifestation)
 - Other format** (related manifestation)
 - Other version** (related expression or manifestation)
 - Preceding, succeeding** (related expression...)
 - References** (related work...)
 - Review** (related work...)
 - Series** (related work)

Related Item: Monograph Record in FL Islandora

- **Title:** Winter Park Florida.
- **Name(s):** [Winter Park Chamber of Commerce](#)
- **Original Title:** Winter Park Florida. (OCoLC)81150601
- **Persistent Link to This Record:** <http://purl.flvc.org/fcla/tc/fhp/CF00001734.jpg>
- **Is Part of Series:** Florida Heritage Collection. [\(Link to Collection\)](#)

○ In MODS:

```
<titleInfo>
  <title>Winter Park Florida</title>
</titleInfo>
...
<relatedItem type="original">
  <identifier>(OCoLC)81150601</identifier>
  <titleInfo>
    <title>Winter Park Florida</title>
  </titleInfo>
</relatedItem>
<relatedItem type="series">
  <titleInfo>
    <title>Florida Heritage Collection</title>
  </titleInfo>
  <location><url displayLabel="(Link to
Collection)">https://ucf.digital.flvc.org/islandora/object/ucf%3Aflheritage</url>
  </location>
</relatedItem>
```


RDA Serial Records in MARC

- When cataloging serials we use the RDA CONSER Standard Record as our guide.
- RDA CONSER Standard Record (CSR) Metadata Application Profile
<http://www.loc.gov/aba/pcc/conser/documents/CONSER-RDA-CSR.pdf>
 - Useful RDA instructions and notes.

RDA Instructions & Elements	RDA no.	Notes	MARC encoding
General guidelines on transcription *	1.7.1 Alternative (1 st)	Rare materials: Use <i>Descriptive Cataloging of Rare Materials (Serials)</i> as the "designated published style manual" in place of the instructions given under RDA 1.7.2-1.7.9 for transcribing punctuation, numerals, symbols, abbreviations, etc.	Varies
Numbers expressed as numerals or as words *	1.8.1	Rare materials: Apply the RDA alternative for early printed resources.	Varies
Form of numerals *	1.8.2	Rare materials: Apply the first alternative to record numerals in the form in which they appear on the source of information (for example, roman).	Varies
Numbers expressed as words *	1.8.3	Rare materials: Record numbers in the form in which they appear on the source of information (see DCRM(S) 0G, 3A3).	Varies
Recording titles (T)	2.3.1.4	Rare materials: Generally do not abridge titles.	Varies
Title proper (T)	2.3.2		245
Title in more than one form (T)	2.3.2.5	Record <u>initialisms/acronyms</u> of the title proper not chosen as the title proper as variant titles in field 246 only, rather than as other title information. Rare materials: <i>Transcribe</i> initialisms/acronyms of the title proper as other title information in field 245 (see DCRM(S) 1B1.3, 1D) and record also in field 246 for access.	245, 246
Parallel title proper (T)	2.3.3	Record all in 246. Rare materials: Record all parallel titles appearing on the same source as the title proper in 245 and record also in 246 for access.	245, 246
Other title information (T)	2.3.4	Record if it provides clarification or support to the title proper that otherwise might appear misleading without the other title information. Rare materials: <i>Transcribe</i> other title information according to DCRM(S) 1D.	245
Variant title (T)	2.3.6	Record <u>initialisms/acronyms</u> of the title proper not chosen as the title proper as variant titles in field 246 only, rather than as other title information.	245, 246

Serial Numbering

- **RDA 6.16.1.3.1 Serial Number**

...Select one form of numeric designation and use it for all the works in the series.

- **A CONTENTdm Example: Central Florida Future (local practice)**

- **Title:** Central Florida Future, Vol. 18 No. 47, April 29, 1986

- **Title:** Central Florida Future, Vol. 01 No. 01, October 7, 1968

- Title-Alternative:** F.T.U.???

- (What's on paper: F.T.U.??? Vol. 1 Number 1 Orlando, Fla. Oct. 7, 1968)

- **Uniform Title:** Central Florida Future (Orlando, Fla.)

Related Item: Serial Record in FL Islandora

- **Title:** The Florida Historical Quarterly.
- **Alternative Title:** Publications of the Florida Historical Society.
- **Alternative Title:** Florida Historical Society Quarterly.
- **Alternative Title:** Quarterly Periodical of the Florida Historical Society.

- **Notes on title changes:** The Florida Historical Quarterly, volume 15, number 4 (April 1937)-; The Florida Historical Society Quarterly, volume 3, number 3 (January 1925)-volume 15, number 3 (January 1937); Publications of the Florida Historical Society, volume 1, number 1 (April 1908)-volume 3, number 2 (October 1924).

- **Related Title:** Quarterly Periodical of the Florida Historical Society.
Publication of Archival Library & Museum Materials
<http://palmm.fcla.edu/fhq/>

- **Related Title:** The Florida Historical Quarterly.
University of Central Florida Libraries Catalog
<http://ucf.catalog.fcla.edu/permalink.jsp?29CF026020948>

- **Related Title:** The Florida Historical Society Quarterly.
University of Central Florida Libraries Catalog
<http://ucf.catalog.fcla.edu/permalink.jsp?29CF026020982>

- **Related Title:** Publications of the Florida Historical Society.
University of Central Florida Libraries Catalog
<http://ucf.catalog.fcla.edu/permalink.jsp?29CF026021355>

```
○ <relatedItem type="is referenced  
by">  
  <titleInfo>  
    <title>Publications of the Florida  
Historical Society</title>  
  </titleInfo>  
  <location>  
    <physicalLocation>University of  
Central Florida Libraries  
Catalog</physicalLocation>  
    <url>http://ucf.catalog.fcla.edu/per  
malink.jsp?29CF026021355</url>  
  </location>  
</relatedItem>...
```

Related Item: Linking a CONTENTdm Record to the Finding Aid and the Collection Level Catalog Record

Title	New York World's Fair 1964-1965, Space Allocation Plan
Subject	1964-1965 New York World's Fair, Disney
Description	Plan printed by Clarke and Rapuano on January 23, 1962 . Scale 1" = 200'
Creator	Harrison Price Company
Publisher	New York World's Fair Corporation
Date Original	1961-06-01
Type	Text; Reports
Format	Map
Identifier	DP0016101
Language	English
Rights	Copyright University of Central Florida Special Collections. Permission to publish must be obtained from Special Collections in writing. Contact (407) 823-2576 or online at http://library.ucf.edu/SpecialCollections/
Tag	DP0016101
Number of pages	1 page
Size	85cm. x 88 cm.
Repository	University of Central Florida Libraries, Special Collections & University Archives
Repository Collection	Harrison Buzz Price Papers
Digital Publisher	Electronically reproduced by the Digital Services unit of the University of Central Florida Libraries, Orlando, 2015.
Digital Reproduction Specifications	PDF pages were derived from no less than 400 dpi tiff images.
Date Contributed	2015-01

 **Is Referenced By**

<http://library.ucf.edu/specialcollections/Collections/ManuscriptsPrice.php> (University of Central Florida Special Collections Harrison "Buzz" Price Papers finding aid);
<http://ucf.catalog.fcla.edu/permalink.jsp?29CF033206285> (University of Central Florida Libraries Online Catalog)

Final Thoughts

- RDA as a metadata content standard, can provide a rich set of guidelines and instructions on identifying, transcribing and structuring metadata to support resource discovery;
- RDA covers all types of content and media, especially digital resources;
- RDA can be used in conjunction with metadata structure standards such as DC and MODS, as well as content standard such as DACS in describing digital resources in content and asset management systems;
- At the same time, DC, MODS and DACS have been undergoing changes to accommodate RDA;
- RDA is compatible with DC, MODS, and DACS in a certain degree, but there are disjunction in semantics, variations in vocabularies and differences in conventions and practices among these standards; as a result, choices and compromises need to be made in cataloging using these standards.

Final Thoughts

○ The Challenges:

- Limitations in applying RDA due to the less granular nature of the other standards (e.g., DC, MODS);
- System changes needed to accommodate RDA;
- Think of RDA outside of the MARC structure for catalogers;
- Not much literature or examples available in using RDA for digital resources in CMS/DAMS.

○ The possible gains in applying RDA in current content and digital asset management systems:

- Benefit our users in data discovery;
- Better data sharing among different communities;
- Prepare in advance for the future migration to the “RDA compliant system”?!

Works Referenced

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Acknowledgement

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Questions?

Thank you!