

# RDA and BIBFRAME at the Library of Congress

3<sup>rd</sup> Annual BIBFRAME workshop in Europe  
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Sally McCallum, Jodi Williamschen  
Library of Congress

# Agenda

- General framework
- Correspondence of BIBFRAME and RDA elements
- Coordination of BIBFRAME Editor with RDA
- RDA vocabularies adapted
- Flexible use of Work/Expressions

# Library of Congress obligations

- LC is a major supplier of cataloging data for use by the library community using MARC and soon BIBFRAME
- Its bibliographic system must create descriptions and enable bibliographic access to 270,000 new works added to the LC collections each year
- Its files reflect many cataloging guidelines, but RDA is primarily used today
- LC has several important “influences” for its cataloging guidelines – RDA, the MARC community, the Program for Cooperative Cataloging participants, and the Library’s next generation platform.

# BIBFRAME for description framework

- Creation of a resource surrogate is made up of descriptive data, subject data, administrative data, system related data.
- While BIBFRAME is cataloging rule agnostic, RDA can clearly be seen in the ontology
- Thus RDA works best for descriptive data because it was the primary influence on BIBFRAME in that area
- On the other hand, our catalogers must fit new resource descriptions into a file that shows a variety of descriptive practices
  - AACR and earlier cataloging rules
  - Specialized media guidelines
  - Brief and full descriptions
  - Various non-Latin script techniques

# RDA and BIBFRAME match

## 6.4 Date of Work MLA D-A-CH

### CORE ELEMENT

*Date of work is a core element to identify a treaty. Date of work is also a core element when needed to differentiate a work from another work with the same title or from the name of an agent.* 2012/04

### 6.4.1 Basic Instructions on Recording Date of Work

#### 6.4.1.1 Scope 2015/04

**date of work**▼: An earliest date associated with a work.

If no specific date can be identified as the date the work was created, treat the date of the earliest known manifestation embodying the work as the date of work.

For instructions on date of promulgation of a law, etc., see [6.20.2 RDA](#).

For instructions on date of a treaty, see [6.20.3 RDA](#).

#### 6.4.1.2 Sources of Information

Take information on a date of work from any source.

For many BIBFRAME elements there is a one-to-one match between RDA and BIBFRAME

<b>Property:</b>	<b>originDate</b>
URI:	<a href="http://id.loc.gov/ontologies/bibframe/originDate">http://id.loc.gov/ontologies/bibframe/originDate</a>
Label:	Associated title date
Definition:	Date or date range associated with the creation of a Work.
SubProperty Of:	<a href="#">date</a>
Used with:	<a href="#">Work</a>
Expected Value:	<a href="#">rdfs:Literal</a>
Change Notes:	2016-04-21 (New)

# Or grouped under a single BIBFRAME entity

RDA:

- + 2.7 Production Statement
- + 2.8 Publication Statement
- + 2.9 Distribution Statement
- + 2.10 Manufacture Statement

For RDF and editorial screens, separate elements in RDA may be grouped under a single BIBFRAME property with classes and subclasses

BIBFRAME:

<b>Property:</b>	<b>provisionActivity</b>
URI:	<a href="http://id.loc.gov/ontologies/bibframe/provisionActivity">http://id.loc.gov/ontologies/bibframe/provisionActivity</a>
Label:	Provision activity
Definition:	Place, name, and/or date information relating to the publication, printing, distribution, issue, release, production, etc. of a resource.
Used with:	<a href="#">Instance</a>
Expected Value:	<a href="#">ProvisionActivity</a> .
<b>Class:</b>	<b>ProvisionActivity</b>
URI:	<a href="http://id.loc.gov/ontologies/bibframe/ProvisionActivity">http://id.loc.gov/ontologies/bibframe/ProvisionActivity</a>
Label:	Provider entity
Definition:	Information about the agent or place relating to the publication, printing, distribution, issue, release, or production of a resource.
Used with:	<a href="#">provisionActivity</a> .
SubClassed As:	<a href="#">Distribution</a> <a href="#">Manufacture</a> <a href="#">Publication</a> <a href="#">Production</a>
Change Notes:	2016-04-21 (New)

[\[back to class list\]](#) [\[back to top\]](#)

# Or one RDA element may lead to two BIBFRAME properties

## 7.3 Coverage of Content LC-PCC PS

### 7.3.1 Basic Instructions on Recording Coverage of Content

#### 7.3.1.1 Scope

**coverage of content**▼: A chronological or geographic coverage of the content of a work.

<b>Property:</b>	<b>temporalCoverage</b>
URI:	<a href="http://id.loc.gov/ontologies/bibframe/temporalCoverage">http://id.loc.gov/ontologies/bibframe/temporalCoverage</a>
Label:	Temporal coverage
Definition:	Time period coverage of the content of the resource.
Used with:	<a href="#">Work</a>
Expected Value:	<a href="#">rdfs:Literal</a>

<b>Property:</b>	<b>geographicCoverage</b>
URI:	<a href="http://id.loc.gov/ontologies/bibframe/geographicCoverage">http://id.loc.gov/ontologies/bibframe/geographicCoverage</a>
Label:	Geographic coverage
Definition:	Geographic coverage of the content of the resource.
Used with:	<a href="#">Work</a>
Expected Value:	<a href="#">GeographicCoverage</a>

# Coordination of Editor labels with RDA

- Labels have direct links to RDA Toolkit from Editor elements where feasible

Form of Work (RDA 6.3)	Form/Genre
Date of Work (RDA 6.4)	Date of Work (RDA 6.4)
Place of Origin of the Work (RDA 6.5)	Place Associated with a Work

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# Coordination of Editor labels with RDA

- Labels in editor originally included the RDA instruction number
- Initially popular and a good learning device

Statement of Responsibility Relating to Title Proper  
(RDA 2.4.2)

Statement of Responsibility Relating to Title Proper (RDA 2.4.2)

Form of Work (RDA 6.3)

Form/Genre

Date of Work (RDA 6.4)

Date of Work (RDA 6.4)

Place of Origin of the Work (RDA 6.5)

Place Associated with a Work

# Label changes based on cataloger input

- RDA instruction numbers were removed from labels and some labels were shortened
- Catalogers indicated that they prefer shorter labels

Statement of Responsibility Relating to Title Proper  
(RDA 2.4.2)

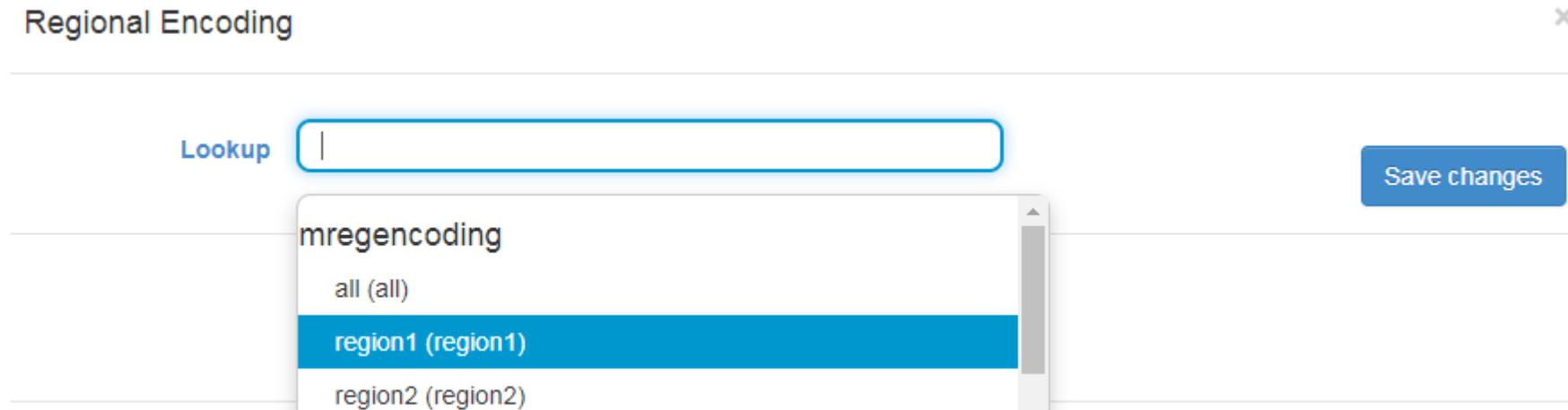
Statement of Responsibility Relating to Title Proper (RDA 2.4.2)

Statement of Responsibility



# RDA vocabularies adapted

- RDF for lists used at LC are in <http://id.loc.gov>
- Term lists from RDA were added to <http://id.loc.gov>
- Already using the RDA lists by writing literal terms in MARC 3XX fields -- increased consistency of terms by using URIs in BIBFRAME Editor



Regional Encoding ×

Lookup

mregencoding

all (all)

region1 (region1)

region2 (region2)

Save changes

- ID.loc.gov lists are generally 1-to-1 with RDA lists

# RDA vocabularies adapted

## RDA Broadcast Standard

A system used to format a video resource for television broadcast.

Number of concepts:	4
URI:	<a href="http://rdaregistry.info/termList/broadcastStand">http://rdaregistry.info/termList/broadcastStand</a>
Namespace:	<a href="http://rdaregistry.info/termList/broadcastStand/">http://rdaregistry.info/termList/broadcastStand/</a>
Suggested prefix*:	rdabs
Example curie:	rdabs:1001

\* registered at [prefix.cc](http://prefix.cc)

## Values Index

Show  entries

#	CURIE	Label	Definition
#	<a href="#">rdabs:1001</a>	"HDTV" @en	"A broadcast standar
#	<a href="#">rdabs:1002</a>	"NTSC" @en	"A broadcast standar East, named after th
#	<a href="#">rdabs:1003</a>	"PAL" @en	"A broadcast standar 625-line / 25 frame p
#	<a href="#">rdabs:1004</a>	"SECAM" @en	"A broadcast standar Séquentiel couleur a

## MARC Broadcast Standard List

### URI(s)

- <http://id.loc.gov/vocabulary/mbroadstd>

### Instance Of

- [MADS/RDF MADSScheme](#)  
- [SKOS ConceptScheme](#) ↗

### Scheme Members

- HDTV  
- NTSC  
- PAL  
- SECAM

### Change Notes

- 2017-12-07: new

# RDA vocabularies augmented based on cataloger request

## RDA Special Playback Characteristic

An equalization system, noise reduction system, etc., used in making an audio recording.

#  rdaspc:1001 "CCIR encoded" @en

#  rdaspc:1002 "CX encoded" @en

#  rdaspc:1003 "dbx encoded" @en

#  rdaspc:1004 "Dolby" @en

#  rdaspc:1005 "Dolby-A encoded" @en

#  rdaspc:1006 "Dolby-B encoded" @en

#  rdaspc:1007 "Dolby-C encoded" @en

#  rdaspc:1008 "LPCM" @en

#  rdaspc:1009 "NAB standard" @en

## Special Playback Characteristics

Equalization system, noise reduction system, etc., used in the making of an audio recording

### URI(s)

- <http://id.loc.gov/vocabulary/mspecplayback>

### Instance Of

- MADS/RDF MADSScheme  
- SKOS ConceptScheme [↗](#)

### Scheme Members

- CCIR encoded
- CX encoded
- dbx encoded
- Dolby
- Dolby Digital
- Dolby Digital 1.0
- Dolby Digital 2.0
- Dolby Digital 5.1
- Dolby-A encoded
- Dolby-B encoded
- Dolby-C encoded
- DTS 5.0
- DTS 5.1
- DTS-HD Master Audio
- DTS-HD Master Audio 5.1
- DTS-HD Master Audio 7.1
- LPCM
- LPCM 2.0
- NAB standard
- PCM
- PCM 5.1
- PCM 5.1 uncompressed
- PCM uncompressed

# Use Expressions as needed

- Flexible modeling: works and expressions generally combined as most resources are one-off
- Work/expression identification has issues when dealing with multiple media, especially unique resources
- Our focus is on relationships and graphs

# Thank you

- Sally McCallum

[smcc@loc.gov](mailto:smcc@loc.gov)

- Jodi Williamschen

[jowill@loc.gov](mailto:jowill@loc.gov)