BIBFRAME in Action

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Library of Congress

Potomac Technical Processing Librarians
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University of Richmond
BIBFRAME “Records”

• What are they?
• How do you create them?
LC BIBFRAME Pilot

• Training in Linked Data and Semantic Web
• Development of the BIBFRAME RDA profiles using the profile editor
• Instruction in using the BIBFRAME Editor
• Demonstration of the BIBFRAME Editor
• Looking at RDF graphs – or “records”
Training in Linked Data and Semantic Web

• The “what” to the question “What will libraries gain”?

BIBFRAME Training at the Library of Congress

The Library of Congress is testing BIBFRAME for bibliographic description through a pilot project that will begin in August 2015. Forty Library of Congress catalogers will participate in the Pilot, with instruction by four Library of Congress staff members in the Cooperative and Instructional Program Division (CIPD). The LC BIBFRAME Pilot will test bibliographic description in multiple formats and in multiple languages. Training for the Pilot participants consists of the three modules described below.

<table>
<thead>
<tr>
<th>Module</th>
<th>Slides, Manuals, Exercises, Online Quizzes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom instruction</td>
<td>Part 1: Quiz A (SWF: 973 KB)</td>
</tr>
<tr>
<td>Course Summary: The purpose of this module is to introduce the Semantic Web, linked data concepts, and some basic tools. The course will discuss the role of semantically linked data in creating useful web services and connecting datasets on the web. The module will provide a very basic overview of the terminology, terms, and tools used for Semantic Web applications. The module will contrast the limit of our current MARC based environment with the promise of integrating our data more fully with Semantic Web resources to enhance user services.</td>
<td>Part 1: Quiz B (SWF: 1.06 MB)</td>
</tr>
<tr>
<td></td>
<td>Module 1 Part 1 Assignments (PDF: 10 KB)</td>
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</tbody>
</table>
Training in Linked Data and Semantic Web

Predictably Irrational: The Hidden Forces That ... - Barnes & Noble
www.barnesandnoble.com/.../predictably-irrational-dan-...
★★★★★ Rating: 4 - 177 votes - $9.91 to $11.49
“PREDICTABLY IRRATIONAL is a charmer-filled with clever experiments, engaging ideas, and delightful anecdotes. Dan Ariely is a wise and amusing guide to ...”

Predictably Irrational: The Hidden Forces That ...- DCPL
catalog.dclibrary.org/.../Record/u682456...
Call Number: 330.01 A698
Special Location: SE Library, NE library, MLK...
“PREDICTABLY IRRATIONAL is a charmer-filled with clever experiments, engaging ideas, and delightful anecdotes. Dan Ariely is a wise and amusing guide to ...”
Development of the BIBFRAME RDA Profiles using the Profile Editor

WEI-monograph

Profile

<table>
<thead>
<tr>
<th>ID</th>
<th>profile:bf:monograph</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>WEI-monograph</td>
</tr>
<tr>
<td>Description</td>
<td>Work, Expression, Instance for Monograph</td>
</tr>
<tr>
<td>Date</td>
<td>2015-10-22</td>
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RDA Work Elements - Monographs

<table>
<thead>
<tr>
<th>ID</th>
<th>profile:bf:Work:Monograph</th>
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</thead>
<tbody>
<tr>
<td>Resource URI</td>
<td><a href="http://bibframe.org/vocab/Text">http://bibframe.org/vocab/Text</a></td>
</tr>
<tr>
<td>Guiding statement for the use of this resource</td>
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</table>

Lookup

Creator of Work (RDA 19.2)

Preferred Title for the Work (RDA 6.2.2)
Development of the BIBFRAME RDA Profiles using the Profile Editor
Development of the BIBFRAME RDA Profiles using the Profile Editor

Values

URI

http://id.loc.gov/authorities/names
Library of Congress Names

The Library of Congress Name Authority File (NAF) file provides authoritative data for names of persons, organizations, events, places, and titles. Its purpose is the identification of these entries and, through the use of such controlled vocabulary, to provide uniform access to bibliographic resources. Names descriptions also provide access to a controlled form of name through references from unused forms, e.g., a search under Snodgrass, Quintus Curtius, 1835-1910 will lead users to the authoritative name for Mark Twain, which is, “Twain, Mark, 1835-1910.” Names may also be used as subjects in bibliographic descriptions, so they may be combined with controlled values from subject heading schemes, such as LCSH.

Library of Congress Names includes over 8 million descriptions created over many decades and according to different cataloging policies. LC Names is officially called the NACO Authority File and is a cooperative effort in which participants follow a common set of standards and guidelines.
Instruction in Using the BIBFRAME Editor

<table>
<thead>
<tr>
<th>Create Resource</th>
<th>RDA Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monograph</td>
<td>Creator of Work (RDA 19.2)</td>
</tr>
<tr>
<td>Notated Music</td>
<td>Preferred Title for the Work (RDA 6.2.2)</td>
</tr>
<tr>
<td>Serial</td>
<td>Variant Title for the Work (RDA 6.2.3)</td>
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<td>Cartographic</td>
<td>Form of Work (RDA 6.3)</td>
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<tr>
<td>BluRay DVD</td>
<td>Date of Work (RDA 6.4)</td>
</tr>
<tr>
<td>35mm Feature Film</td>
<td>Place</td>
</tr>
<tr>
<td>Audio CD</td>
<td>Other Distinguishing Characteristic of the Work (RDA 6.6)</td>
</tr>
</tbody>
</table>

Principal Creator  Other Creators
Title
Title
Form of Work
Date of Work (RDA 6.4)
Place
Other Distinguishing Characteristic of the Work (RDA 6.6)
Instruction in using the BIBFRAME Editor

• id.loc.gov
Instruction in using the BIBFRAME Editor
Instruction in using the BIBFRAME Editor

ID: http://id.loc.gov/vocabulary/relators/cre
   bf:label
       Creator

ID: _:bnodeduFt1475595141
   Type(s)
       http://bibframe.org/vocab/Organization
   bf:hasAuthority
       Potomac Technical Processing Librarians
**Demonstration of the BIBFRAME Editor**

### Create Resource
- Monograph
- Notated Music
- Serial
- Cartographic
- BluRay DVD
- 35mm Feature Film
- Audio CD

### RDA Work

<table>
<thead>
<tr>
<th>Field</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creator of Work (RDA 19.2)</td>
<td>Principal Creator</td>
</tr>
<tr>
<td>Preferred Title for the Work (RDA 6.2.2)</td>
<td>Title</td>
</tr>
<tr>
<td>Variant Title for the Work (RDA 6.2.3)</td>
<td>Title</td>
</tr>
<tr>
<td>Form of Work (RDA 8.3)</td>
<td>Form of Work</td>
</tr>
<tr>
<td>Date of Work (RDA 6.4)</td>
<td>Date of Work (RDA 6.4)</td>
</tr>
<tr>
<td>Place of Origin of the Work (RDA 6.5)</td>
<td>Place</td>
</tr>
<tr>
<td>Other Distinguishing Characteristic of the Work (RDA 8.6)</td>
<td>Other Distinguishing Characteristic of the Work (RDA 6.6)</td>
</tr>
</tbody>
</table>
Demonstration of the BIBFRAME Editor
Demonstration of the BIBFRAME Editor

Title:
The survey of academic library cataloging practices

SOR:
Primary Research Group

Edition:
2013 edition

Publication:
New York
Primary Research Group
c2013
Demonstration of the BIBFRAME Editor

Extent:
226 pages ; 28 cm

Content type:
text

Media type:
unmediated

Carrier:
volume
Demonstration of the BIBFRAME Editor

Series:
Survey of academic library cataloging practices

Subject:
Academic libraries--United States—Statistics

ISBN:
9781574402346

LCC:
Z675.U5 S8345 2013
Looking at RDF Graphs – or “Records”