TEACHING LINKED DATA: Practicalities

Competencies and Education for a Career in Cataloging (ALCTS CaMMS) Interest Group

Friday, June 21, 2019
1:00 PM – 2:00 PM
WCC 143A

Why linked data training?

1. The Program for Cooperative Cataloging (PCC) Strategic Directions 2014-2017

    Linked data impacts the core bibliographic concepts of the PCC

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Why linked data training?

2. Library of Congress BIBFRAME
   Pilots, 2015-2019, ongoing

   Preparing trainers for teaching
Preparing catalogers for participation

Why linked data training?

3. The Program for Cooperative Cataloging (PCC) Strategic Directions 2018-2021

    SD3: Apply understanding of linked data

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Why linked data training?

4. Identity Management concepts superseding traditional authority curation practices

    Wikidata, ISNI pilots

PCC and Library of Congress Responses

1. PCC Strategic Directions 2014-2017:

- Report on Available Linked Data Training Resources (Sept. 2015; revised Apr. 2016)

PCC and Library of Congress Responses

2. Library of Congress BIBFRAME Pilots, 2015-2019, ongoing:

- Trainers: Library Juice Academy courses

PCC and Library of Congress Responses

2. Library of Congress BIBFRAME Pilot Phase One:

- Participants:

    Part 1: The Semantic Web and Linked Data Concepts: A Basic Overview (PPT : 1.5 MB)

    Part 1: Quiz A (SWF : 1.35 MB)

    Part 1: Quiz B (SWF : 973 KB)

    Module 1 Part 1 Assignments (PDF: 10KB)

    Part 2: Semantic Data Model: Basic Overview (PPT : 3807 KB)

    Part 2: Quiz (SWF : 1.06 MB)

PCC and Library of Congress Responses

2. Library of Congress BIBFRAME Pilot Phase Two:

- Participants:

  Setting the Stage (PDF : 947 KB)
  Prerequisite and Optional Resources (Word : 20 KB)

PCC and Library of Congress Responses

2. Library of Congress BIBFRAME Pilot Phase Two (July 2019):

- Participants: Revisiting materials from earlier BIBFRAME Pilots

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PCC and Library of Congress Responses

3.   PCC Strategic Directions 2018-2021:

- LD4P and LD4P2 PCC Cohort

More on LD4P2 and the PCC Cohort

3. PCC Strategic Directions 2018-2021: "Pathway to Implementation" – 7 goals

1. Creation of a continuously fed pool of **linked data** expressed in BIBFRAME from a core group of academic libraries
2. Development of a cloud-based sandbox editing environment in support of an expanded cohort of libraries to create and reuse **linked data**
3. Development of policies, techniques and workflows for the automated enhancement of MARC data with identifiers to make its conversion to **linked data** as clean as possible
4. Development of policies, techniques, and workflows for the creation and reuse of **linked data** and its supporting identifiers as libraries' core metadata
5. Better integration of library metadata and identifiers with the Web through collaboration with Wikidata
6. Enhancement of a widely-adopted library discovery environment (Blacklight) with **linked data** based discovery techniques
7. Orchestration of continued community collaboration through the development of an organizational framework called LD4, ensuring continued exchange of ideas and techniques across a distributed developing community

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More on LD4P2 and the PCC Cohort

3. PCC Strategic Directions 2018-2021:
- Sinopia
    - Linked data platform for original and cooperative cataloging
    - Uses a modified version of the BIBFRAME Editor and other ontologies
    - Serves as the sandbox for linked data exploration
- Question Authority

PCC and Library of Congress Responses

4. Identity Management concepts

- Likely the most relevant area for broad linked data experimentation
- Wikidata
- ISNI Pilot
- PCC Identity Management TG work
- PCC Subfield $0/Subfield $1 Pilot

PCC and Library of Congress Responses

4. Identity Management concepts
- Wikidata workshop
- ISNI Pilot

How Can All of This Help You?

- Linked data is a concept that has some relevance ambiguity for LIS students
  - How much knowledge and training is necessary?
- Learn as you go
  - Be reactionary rather than exhaustive
- Look at the demonstrated benefits
  - And look less at how it can happen

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16

Thanks!

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