PCC and BIBFRAME

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European BIBFRAME Workshop
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Outline

● What is the PCC?
  ○ Organizational structure
  ○ PCC programs
  ○ Current strategic directions

● Preparing for BIBFRAME/Linked Data
  ○ Task groups and initiatives
  ○ Linked Data in Production
    ○ Partnering with LD4P
PCC = Program for Cooperative Cataloging

- PCC is an international cooperative entity that is known for metadata standards, policies, quality, training and documentation
- PCC has over 500 active members, with an increasing number of international participants
- PCC members contribute bibliographic records and related data under a common set of standards and conventions using the bibliographic utilities
PCC Basic Organizational Structure

- Governing Committees
  - Steering Committee
  - Policy Committee
  - Secretariat

  - Operations Committee
  - Standing Committees
    - BIBCO Program
    - CONSER Program
    - NACO Program
    - SACO Program
    - Applications Committee
    - Standards Committee
    - Training Committee
PCC Program Overview

NACO: Name Authority Cooperative Program

CONSER: Cooperative Online Serials Program

SACO: Subject Authority Cooperative Program

BIBCO: Monographic Bibliographic Record Cooperative Program
## TOTAL SUMMARY STATISTICS (Unless Noted, Machine Generated)

<table>
<thead>
<tr>
<th>Category</th>
<th>Total FY2017</th>
<th>FY2017 Compared to FY2016</th>
<th>Total FY2016</th>
<th>Total PCC To Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIBCO New Bibliographic Records (*)</td>
<td>76,327</td>
<td>33.90%</td>
<td>57,003</td>
<td>1,494,686</td>
</tr>
<tr>
<td>CONSER Authentications (*)</td>
<td>15,049</td>
<td>-13.58%</td>
<td>17,413</td>
<td>1,289,116</td>
</tr>
<tr>
<td>CONSER Maintenance (*)</td>
<td>22,121</td>
<td>-4.49%</td>
<td>23,162</td>
<td>379,298</td>
</tr>
<tr>
<td>NACO New Name Authority Records</td>
<td>202,930</td>
<td>2.16%</td>
<td>198,643</td>
<td>4,700,602</td>
</tr>
<tr>
<td>NACO Changed Name Authority Records</td>
<td>118,283</td>
<td>-41.79%</td>
<td>203,213</td>
<td>2,153,953</td>
</tr>
<tr>
<td>NACO New Series Authority Records</td>
<td>9,213</td>
<td>-6.00%</td>
<td>9,801</td>
<td>249,008</td>
</tr>
<tr>
<td>NACO Changed Series Authority Records</td>
<td>5,101</td>
<td>-6.59%</td>
<td>5,461</td>
<td>126,625</td>
</tr>
<tr>
<td>SACO New Subject Authority Records</td>
<td>1,711</td>
<td>-0.41%</td>
<td>1,718</td>
<td>66,494</td>
</tr>
<tr>
<td>SACO Changed Subject Authority Records</td>
<td>566</td>
<td>21.20%</td>
<td>467</td>
<td>15,574</td>
</tr>
<tr>
<td>SACO New Classification Numbers</td>
<td>346</td>
<td>60.19%</td>
<td>216</td>
<td>17,077</td>
</tr>
<tr>
<td>SACO Changed Classification Numbers</td>
<td>73</td>
<td>356.25%</td>
<td>16</td>
<td>870</td>
</tr>
</tbody>
</table>

(*) Self-reported by program partners
BIBCO, NACO, AND SACO FIGURES do not include Library of Congress Contributions
Field 042 in PCC Bibliographic Record

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>042</td>
<td>pcc</td>
</tr>
</tbody>
</table>

The figure shows a section of a bibliographic record from the PCC (ProQuest College Collection) database. The field 042 is highlighted in red, indicating its importance or relevance. The record includes various details such as OCLC number, record status, held copies, and cataloging information.
Authority Records

OCLC Authority File

Library of Congress Authorities

Source of Headings: Library of Congress Online Catalog

Authority Headings Search

Search Text:

Search Type:

Scroll down for Search Hints
Vision

The PCC is a diverse coalition of practitioners, service providers, and tool developers working together to harness the full potential of metadata to promote and sustain knowledge.”

Mission

The PCC promotes the discovery and use of the world’s knowledge by supporting metadata producers in library and other cultural heritage communities and by forging alliances with partners who share common goals. PCC members create trusted metadata and support its use and reuse by global communities.

Values

- Collaboration
- Sharing
- Innovation
- Empowerment
- Inclusion
- Communication
1. Broaden our scope to be more diverse, inclusive, and collaborative with metadata creators in research and cultural heritage communities and with other agencies and project partners
2. Maximize PCC’s operational effectiveness
3. Apply understanding of linked data
4. Accelerate the movement toward ubiquitous identifier creation and identity management at the network level
5. Expand use of linked data value vocabularies to augment, and where feasible to replace, existing metadata practices
6. Bolster resources for PCC to support the PCC’s strategic directions and the overall sustainability of the Program
Preparing for Linked Data (2015)

- Standing Committee on Training
  - Report on Available Linked Data Training Resources
- Task Group on URIs in MARC was formed
Preparing for Linked Data (2016)

Four linked data groups were established:

• Linked Data Advisory Committee
• Task Group on Identity Management in NACO
• Task Group on the Work Entity
• BIBFRAME Task Group
PCC Reports on Linked Data

- PCC Task Group Report on Identity Management in NACO
- Linked Data for Production and the Program for Cooperative Cataloging
- Linked Data Infrastructure Models: Areas of Focus for PCC Strategies
- BIBFRAME Task Group Report
- URIs Task Group Reports
Preparing for Linked Data (2017)

PCC INSI Pilot was launched:

• One year project with 13 PCC libraries participating

• Focused on 5 areas: API review/testing; batch processing workflow; ISNI maintenance best practices; workflow & tool best practices; training and documentation

Report on the pilot is forthcoming!
Preparing for Linked Data (2018)

Task Group on Linked Data Best Practices was charged:

- Review list of issues identified by URIs and BIBFRAME groups and develop best practices
  - 9 areas needing best practices related to URIs on in MARC
  - 2 areas needing best practices related to BIBFRAME: Actionable Data & RDA Registry

_The group will submit its report in April 2019!_
Partnering with LD4P

- 17 PCC Libraries will form the cohort group that will work in a cloud-based environment for original metadata creation
- The project will officially launch in Oct. 2018 and complete in 2020
The underdrawing for the new world of linked data in libraries

With the support of a $1.5 million dollar grant from the Andrew W. Mellon Foundation, Linked Data for Libraries: LD4L Labs is a collaboration of Cornell, Harvard, Iowa, and Stanford to continue to advance the use and usefulness of linked data in libraries. Project team members will create and assemble tools, ontologies, services, and approaches that use linked data to improve the discovery, use, and understanding of scholarly information resources. The goal is to pilot tools and services and to create solutions that can be implemented in production at research libraries within the next three to five years.

Sinopia is one of those tools which will allow the team to link metadata. Just as the term, Sinopia, means the underdrawing to prepare a fresco for painting, Sinopia, the LD4P project, will be the underdrawing preparing the team to launch a metadata editor for linked data.
Bulk data retrieval?

Request account

Login

Search

DATA

Create profile

Update/Create authority

External tools (wikidata, Google translate, Amazon, etc)

Create from scratch
Links to author, subject, related fields, etc. happens here

no match

Clone existing

Match

Edit Work Optional

Create Instance of found/matched Work

Based on profile selected

Bibliographic description in linked data created!
Data stored & accessed in Sinopia only

Instance refers to Work's URI and displays label of referred-to Work
Instance is also assigned a URI

Retrieve password

external links available in Sinopia
Expected Outcomes

• Building linked data skills within the PCC community
• Establishing policies, standards, and best practices for linked data creation and management in a shared environment
• Providing training and support to the PCC community
• Investigating issues and questions raised by PCC tasks groups and other communities
Learn More...

- PCC home page [https://www.loc.gov/aba/pcc/](https://www.loc.gov/aba/pcc/)
- *PCC Strategic Directions January 2018-December 2021*
- PCC Task Groups [https://www.loc.gov/aba/pcc/taskgroup/task-groups.html](https://www.loc.gov/aba/pcc/taskgroup/task-groups.html)
- PCC reports & news archive [https://www.loc.gov/aba/pcc/reports/index.html](https://www.loc.gov/aba/pcc/reports/index.html)
- Linked Data for Production Phase 2
Thank you!

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