PCC BIBFRAME Data:

PCC collaboration with Share-VDE

Beth Picknally Camden and Ian Bigelow

With thanks to others in the Share-VDE community for reuse of several slides
“It is time to move beyond knowledge and skills related to linked data at a theoretical level and into implementation. Building on the PCC’s strong tradition of providing training for metadata creators, active experimentation and piloting of linked data practices will help inform policy decisions, training, and operationalizing such practices. As we move to a culture of greater data sharing, it is crucial to extend our community, both by engaging a more diverse range of members in the work of the PCC and by collaborating with vendors, open source communities, and others.”

(Program for Cooperative Cataloguing, 2018)
What is Share-VDE?

Share-VDE is a library-driven initiative to establish an effective working environment for the use of linked data by libraries within a global context.

Library data are enriched with additional information and relationships, and bibliographic and authority data are reconciled and converted into linked data.

A virtual discovery platform with the structure of the BIBFRAME data model is created to simplify the way in which that data is consumed.

The network of resources created is the basis for the Share-VDE Sapientia Cluster Knowledge Base, the common authoritative source of clusters accessible in RDF, open to the entire Share-VDE community.
Who is responsible for it?

Share-VDE is a collaborative endeavour based on the needs of libraries, developed by:

- the joint effort of the Share-VDE Advisory Council and of the Working Groups;
- Casalini Libri, provider of bibliographic and authority data as member of the Program for Cooperative Cataloguing;
- @Cult, provider of ILS, Discovery tools and Semantic web solutions for the cultural heritage sector;
- influenced by the vision of the LD4P initiative;
- with input and active participation from an international group of research libraries.
Share-VDE Advisory Council

The Share-VDE Advisory Council's role is to determine future uses and vision for the Share-VDE initiative; develop future use cases for Share-VDE, and set development priorities as needed.

There are 4 sub-committees focusing on specific areas:

- Sapientia Entity Identification Working Group
- Authority/Identifier Management Services Working Group
- Cluster Knowledge Base Editor Working Group
- User experience/User Interface Working Group
## The Share Family institutions

The Share Family institutions at December 2019 are:

<table>
<thead>
<tr>
<th>Share-VDE members</th>
<th>LD4P cohort members</th>
<th>Share-Catalogue Institutions</th>
<th>Share-Art (Kubikat-LOD) project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duke University</td>
<td>Cornell University</td>
<td>Università Degli Studi di Napoli “Federico II”</td>
<td>Kunsthistorisches Institut in Florenz</td>
</tr>
<tr>
<td>New York University</td>
<td>Frick Art Reference Library</td>
<td>Università degli Studi della Basilicata</td>
<td>Biblioteca Hertziana, Rome</td>
</tr>
<tr>
<td>Stanford University</td>
<td>Harry Ransom Center Texas A&amp;M</td>
<td>Università Degli Studi di Napoli L'Orientale</td>
<td>Central Institute of Art History, Munich</td>
</tr>
<tr>
<td>University of Alberta - NEOS consortium</td>
<td>Harvard University</td>
<td>Università degli Studi di Napoli Parthenope</td>
<td>Deutsches Forum für Kunstgeschichte, Paris</td>
</tr>
<tr>
<td>University of Chicago</td>
<td>National Library of Medicine</td>
<td>Università del Salento</td>
<td></td>
</tr>
<tr>
<td>University of Michigan at Ann Arbor</td>
<td>Northwestern University</td>
<td>Università degli Studi di Salerno</td>
<td></td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>Princeton University</td>
<td>Università degli Studi del Sannio RCost</td>
<td></td>
</tr>
<tr>
<td>Yale University</td>
<td>University of California Davis</td>
<td>Università degli Studi della Campania “Luigi Vanvitelli”</td>
<td></td>
</tr>
<tr>
<td>National libraries</td>
<td>University of California San Diego</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library of Congress</td>
<td>University of Minnesota</td>
<td></td>
<td>Bayerische Staatsbibliothek</td>
</tr>
<tr>
<td>National Library of Norway</td>
<td>University of Texas A&amp;M</td>
<td></td>
<td>Library of Congress</td>
</tr>
<tr>
<td>National Library of Finland</td>
<td>University of Washington</td>
<td></td>
<td>Stanford University</td>
</tr>
<tr>
<td>The British Library</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PCC and Share-VDE to date

- LD4P2 PCC cohort
- Share-VDE MARC2BF data transformation
- Share-VDE cohort search in Sinopia
Next Steps: PCC BIBFRAME Data in LD4P3

1. PCC Sinopia application profiles
2. Connecting Sinopia to Share-VDE via APIs
3. PCC data in Share VDE
Application profiles and conversion specifications: What does good data look like in BIBFRAME?

- Share-VDE data model
- Conversion, enrichment, and clustering processes
- Application profiles
BIBFRAME Evolution

- **Four core levels of abstraction**
  - *Opus & Hub*
  - Work
  - *Master* Instance
  - Item

- **Additional key concepts**
  - Agents
  - Subjects
  - Events

- **Consists of RDF classes and properties**
  - members of a class share certain characteristics and may have subclasses
  - properties describe characteristics of resources as well as relationships among resources
Progress of Share-VDE interactions

- Share-VDE
- CKB Editor (JCricket)
- QA
- Triplestore Stardog
- Sinopia

A) Share-VDE_CKB_prod (Sapientia)
B) Share-VDE_prod (Share VDE full + cohort)

Deliverable 1
Deliverable 2
Deliverable 3
Deliverable 4

Slide courtesy Share-VDE
Option 2: PCC as one of the Organisations in Share-VDE initiative, as autonomous tenant
# Kathleen Hall Jamieson

**1946-** American professor of communication

Kathleen Hall Jamieson (born November 24, 1946) is an American professor of communication and the director of the Annenberg Public Policy Center at the University of Pennsylvania. She co-founded FactCheck.org, and she is an award-winning author, most recently of Cyberwar, about how Russia very likely helped Donald J. Trump become the U.S. President in 2016. ![Wikipedia](https://en.wikipedia.org/wiki/Kathleen_Hall_Jamieson)

---

### Original Works by Jamieson

<table>
<thead>
<tr>
<th>Original Work title</th>
<th>Format</th>
<th>Year of publication</th>
<th>External links</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beyond the double blind</td>
<td>Book</td>
<td>1995</td>
<td><img src="https://example.com" alt="External links" /></td>
</tr>
<tr>
<td>Civility in the House of Representatives</td>
<td>Book</td>
<td>1998</td>
<td><img src="https://example.com" alt="External links" /></td>
</tr>
<tr>
<td>Cyberwar</td>
<td>Book</td>
<td>2018</td>
<td><img src="https://example.com" alt="External links" /></td>
</tr>
<tr>
<td>Dirty politics</td>
<td>Book</td>
<td>1992</td>
<td><img src="https://example.com" alt="External links" /></td>
</tr>
</tbody>
</table>
Packaging the presidency

Written by Kathleen Hall Jamieson in English

Covering the media campaigns of America's first presidents to Bill Clinton's 1992 campaign, Jamieson looks at the importance of political advertising. In her book, she writes that, "if political advertising did not exist, we would have to invent it." She...

17 results

<table>
<thead>
<tr>
<th>Publication title</th>
<th>Person name</th>
<th>Language</th>
<th>Location</th>
<th>Year of pub.</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packaging the presidency: a history and criticism...</td>
<td>Kathleen Hall Jamieson</td>
<td>English</td>
<td>Duke</td>
<td>1992</td>
<td>Available at partner inst.</td>
</tr>
<tr>
<td>Packaging the presidency: a history and criticism...</td>
<td>Kathleen Hall Jamieson</td>
<td>English</td>
<td>Alberta</td>
<td>1996</td>
<td>Available at partner inst.</td>
</tr>
<tr>
<td>Packaging the presidency: a history and criticism...</td>
<td>Kathleen Hall Jamieson</td>
<td>English</td>
<td>Penn</td>
<td>1996</td>
<td>Available online</td>
</tr>
</tbody>
</table>
**Lord of the Flies**

Written by William Golding in English

Lord of the Flies is a 1954 novel by Nobel Prize-winning British author William Golding. The book focuses on a group of British boys stranded on an uninhabited island and their disastrous attempt to govern themselves. Themes include the tension between groupthink and individuality. — *Wikipedia*

---

**Library-held publications**

<table>
<thead>
<tr>
<th>Name</th>
<th>Year of birth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Doe</td>
<td>1911</td>
<td>Writer</td>
</tr>
<tr>
<td>William Golding</td>
<td>1911</td>
<td>British novelist, poet, playwright and Nobel Prize for Literature laureate</td>
</tr>
<tr>
<td>William Golding</td>
<td>1911</td>
<td>Novelist</td>
</tr>
</tbody>
</table>

---

Wireframe courtesy Filip Jakobsen and Samhaeng
“Never let the future disturb you. You will meet it, if you have to, with the same weapons of reason which today arm you against the present.”