Authority Control
Wikipedia + Wikidata

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Wikipedia + Wikidata

• The following is a **draft**, a rough estimate to create a graphic, **step-by-step help resource** for newer users of Wikidata

• Ideally this might be help text or some other more elegant solution integrated into the User Interface of Wikidata
Authority Control

• What is Authority Control and why is so great?!?
  • Authority Control is way to organize bibliographic information about a person or entity
  • It is used in galleries, libraries, archives, and museums all over the world!
  • Wikipedia and Wikidata incorporate this information as a way to distinguish between a person or entity
  • The information increases the usability of the data and is easily translatable into the semantic backbone of Wikimedia projects

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Step 1

• Suggested approach: Create Authority control from [Template:Authority_control](https://en.wikipedia.org/wiki/Template:Authority_control)

```
{{Authority control | VIAF=25878419 | LCCN=tt59039160 | ISNI=0000 0000 8207 5583 | SNID=178876538 | SUDOC=133842622}}
```

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Step 2

- Check to see if a Wikidata item exists by:
  - Looking for "Wikidata item" in the side toolbar of the Wikipedia entry page (see next slide)
  - Searching Wikidata for item that might exist but may not be linked to a page
Step 2

• No "Wikidata item" in sidebar
Step 3

- Go to Wikidata!

Welcome to Wikidata

the free knowledge base with 19,518,109 data items that anyone can edit.

Introduction • Project Chat • Community Portal • Help

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Step 4

• Create a new Wikidata item

• Copy info from Wikipedia page
Step 5

• Link the **Wikidata item** to the **Wikipedia page**
• Add a Wikidata **Statement**
Step 6

- **VIAF**, the *Virtual International Authority File*

<table>
<thead>
<tr>
<th>Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIAF</td>
</tr>
<tr>
<td>VIAF ID (VIAF)</td>
</tr>
</tbody>
</table>

- Add the **number** in the field and click **save**

<table>
<thead>
<tr>
<th>Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>VIAF ID</td>
</tr>
<tr>
<td>25878419</td>
</tr>
</tbody>
</table>

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### Step 6

- To add the **next** element (i.e., LCCN, ISSN, ORCID)

<table>
<thead>
<tr>
<th>Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VIAF ID</strong></td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>edit</strong></td>
<td></td>
</tr>
<tr>
<td><strong>add reference</strong></td>
<td></td>
</tr>
<tr>
<td><strong>add</strong></td>
<td></td>
</tr>
</tbody>
</table>
Step 6

- **LCCN**, the **Library of Congress ID**

1. Add the number in the field and click save.
Step 6

• And so on...

Note

• It is possible to accidentally add a duplicate item; however, don't worry, as there is an automated process that will flag these duplicates, which get fixed: Constraint violations

• Continue adding statements
  • i.e., P31 ("instance of") => Q5 ("human")
Step 7

- In Wikipedia, delete the detailed Authority Control information you have added (as a temporary workspace before you push the data to Wikidata)

```
{{Authority control|VIAP=25878419|LCCN=m79039180|ISNI=0000 0000 8207 5583|GND=173870538|SUDOC=133842622}}

[[Category:1931 births]]
[[Category:American archivists]]
[[Category:Living people]]

Delete this information that you have added to Wikidata
```
Step 7

• You will then only have:

{{Authority control}}
Step 7

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Step 8: End Result

Contribution to scientific collaboration [edit | edit source]

Warnecke's work was significant on the book, Structures of Scientific Collaboration by Wesley, Structural, Joel Genuth, and Ivan Fom. This was notable in a year, she assembled a multi-disciplinary team including social sciences, history and archives. This team collected data on 60 scientific collaborations over the span of a decade, creating a massive database covering themes such as invention and practice, and issues of specialization, decision-making, values, subcontracting, instrumentation, funding and, of course, credit.

Personal life [edit | edit source]

Warnecke was married three times. Her first marriage, which was until 1954, was to inventor Morton Warnecke, with whom she had three children. In 1963, she married physicist Jack. Her third marriage was to physics historian, Martin Klein. Warnecke died in Alamo, California, on May 30, 2006.

Works and publications [edit | edit source]

Between 1970 and 2001, Warnecke published 60 works in 105 publications. She continued to publish after her retirement from the AIP in August 1997.

Selected notable publications


References [edit | edit source]

Q&A

• Questions?
• Thoughts?
• Concerns?