LEARNING ABOUT THE INVISIBLE: USING LINKED DATA TO ENHANCE COLLECTION ANALYSIS

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Pre-Recorded Project Briefing Series

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PROJECT GOAL:

- How can Wikidata add to our knowledge about people (authors and subjects) in the library collection?

  - What Wikidata properties are coded consistently enough to be of use?

  - If there is some areas consistent coding, what can we learn about a test collection?

CHARACTERISTICS OF TEST POPULATION

- Philosophy (Based on Call number)
  - Books not in English
  - Books in English now, but originally in another language
  - English Physical books
  - All electronic

  - Tested names in author (100), subject (600)

WIKIDATA PROPERTIES THAT DESCRIBE PEOPLE*

*RECOGNIZING THAT PEOPLE EXIST ON A SPECTRUM

- P21 Sex or gender

- P103 Native language

- P27 Country of citizenship

- P172 Ethnic group (Not coded for Freud, coded for Maya Angelou)

- P140 Religion or worldview

PROCESS OVERVIEW

- I created 4 sets of philosophy text monographs
- I exported into Open Refine
- In Open Refine I reconciled the names to Wikidata
- Once reconciled, I added columns based on the reconciled values

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OpenRefine sample openrefine nonEnglish xlsx   Permalink

Open...   Export ▾   He

Facet / Filter	Undo / Redo 0 / 0

14 rows

Extensions   Wikidata

Show as: **rows** records   Show: 5 **10** 25 50 100 500 1000 rows

« first   ‹ previous   1   next ›   last

▼ All			▼ author
☆	🖑	1.	Brunschwig, Jacques
☆	🖑	2.	Chesni, Yves
☆	🖑	3.	Barthes, Roland
☆	🖑	4.	Bungener, Felix
☆	🖑	5.	Bataille Georges
☆	🖑	6.	Brague, Remi
☆	🖑	7.	Albert, Hans
☆	🖑	8.	Buber, Martin
☆	🖑	9.	Buber, Martin
☆	🖑	10.	Oersted, Hans Christian

Using facets and filters

Use facets and filters to select subsets of your data to act on. Choose facet and filter methods from the menus at the top of each data column.

Not sure how to get started?
Watch these screencasts

FREQUENCY OF AUTHOR NAMES *RECONCILED IN WIKIDATA

(*NOT RECONCILED COULD MEAN NO MATCHES OR TOO MANY MATCHES)

	Items with a single author	Items with Author who reconciled	Percent of reconciled names
Not English language (Physical)	806	720	89%
Translations (Physical)	1,642	1,600	97%
English language (Physical)	7,775	5,852	75%
Total physical	10,223	8,172	80%
Electronic	6,983	4592	66%
Total	17,206	12,764	74%

FREQUENCY OF SUBJECT NAMES RECONCILED IN WIKIDATA

	Records with a personal subject	Names reconciled	Percent reconciled
Not English Physical	373	372	99.9
Translation (Physical	621	620	99.9
English language (physical	3987	3954	99
Electronic	4510	4493	99

FREQUENCY OF WIKIDATA PROPERTIES POPULATED FOR AUTHORS

	Sex/gender	Citizenship or nationality	Religion - worldview	Native Language	Ethnic group
Not English	95%	90%	28%	26%	10%
Translations into English	99%	93%	39%	34%	20%
Physical English	97%	75%	19%	8%	5%
Electronic	95%	65%	17%	8%	4%

WIKIDATA PROPERTIES POPULATED FOR SUBJECTS

	Sex/gender	Citizenship or nationality	Religion - worldview	Native Language	Ethnic group
Not English language	83	71	14	13	2
Translations	100	87	46	47	44
Physical English	93	75	31	34	18
Electronic	90	92	49	43	35

SEX/GENDER OF AUTHORS AND SUBJECTS IN PHILOSOPHY MONOGRAPHS (PERCENTAGES-WHERE CODED)

Authors	Male	Female	Non-binary
Not English	95%	5%	0
Translations	95%	5%	1 person
Physical English	94%	6%	0
Electronic	91%	9%	0
People as Subjects			
Not English	99%	1%	0
Translations	98%	2%	0
Physical English	95%	5%	0
Electronic	92%	8%	0

NATIONALITY/CITIZENSHIP DATA

- Most nationalities were US or Europe
  - Nationalities were harder to analyze because country names and borders changes over time.
  - People have multiple citizenships

  - Started to assign authors and subjects to continents.

ISSUES AND NEXT STEPS

- How many unreconciled could be reconciled with more time?
  - Would percentages change if all names had all properties?

- Next steps
  - Finishing analyzing geographic data
  - Creating a Primo view to use locally with sex/gender info in a local marc field to use as a facet. We need to assess if that is useful.
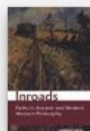
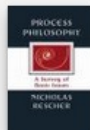| JOURNAL SEARCH | TAGS | LIBRARY SEARCH | ILL REQUEST | FETCH ITEM | BROWSESEARCH | ... |

philosophy   ✕ 🔍   ADVANCED SEARCH

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Availability ⌃
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Author/Creator ⌄

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Resource Type ⌄

Language ⌄

Creator's country of citizenship ⌄

sex or gender of creator ⌃
  Male *(573)*
  Female *(68)*
  Transgender Female *(1)*

author's ethnic group ⌄

CONTACT INFORMATION QUESTIONS?

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