

Building a Primo View for Collection Assessment

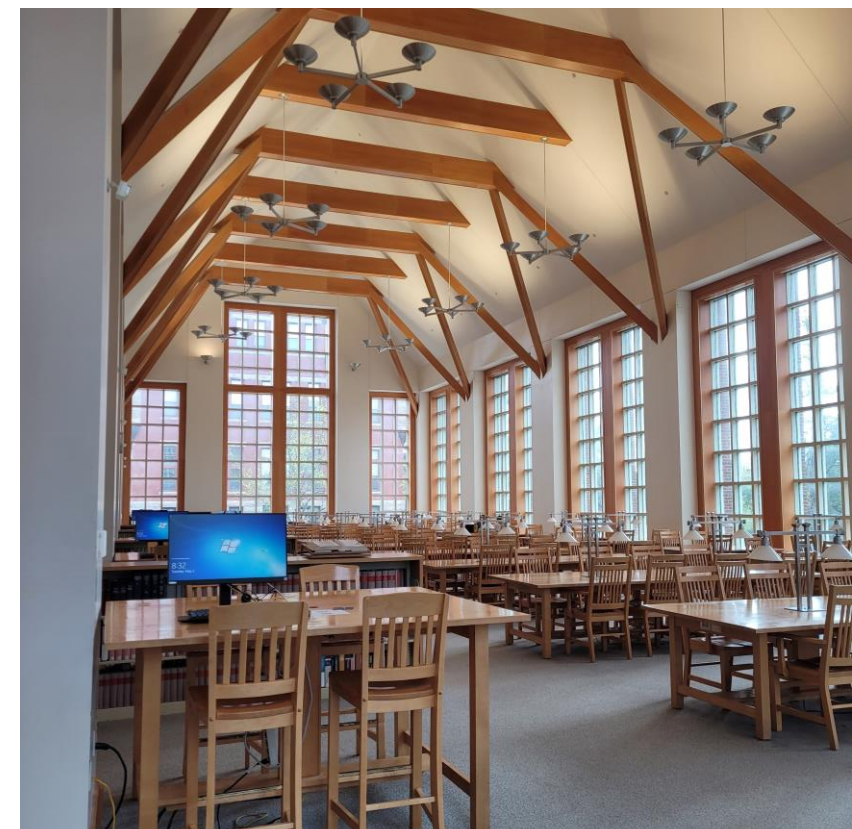
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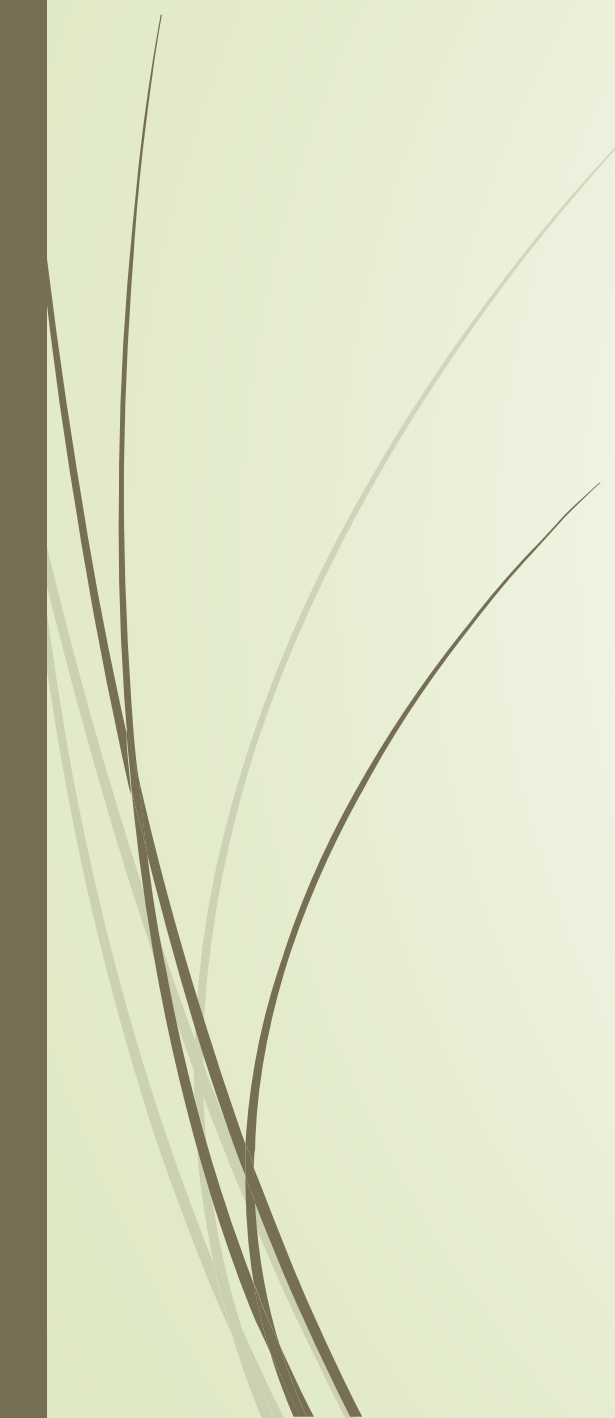
September 6, 2023

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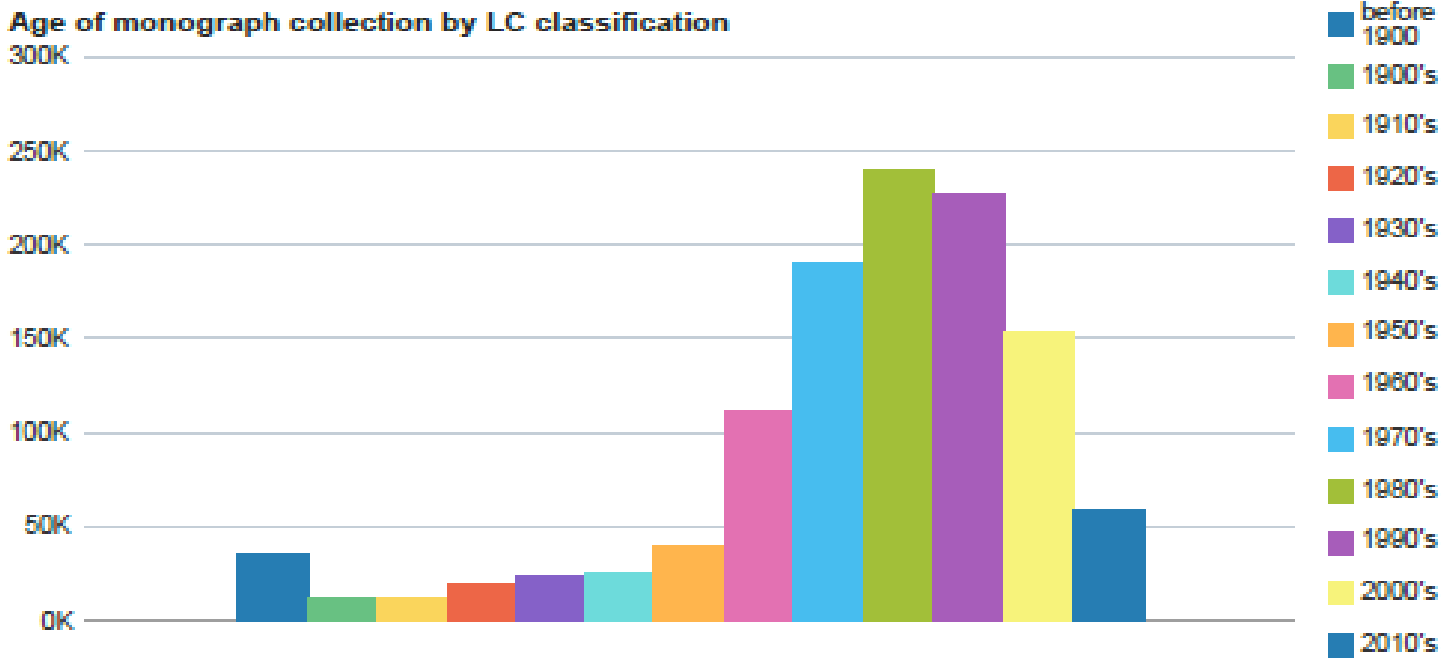
Introduction

- Why I took the steps that I did
 - How I got new data and created a new view
 - What the new View looks like.
- 

What I know about my library collection

- There are many good reports in the Analytics
 - Age of the collection
 - DEI reports

Age of Collection - Monograph volumes by LC Class





I wanted to learn about the diversity in the collection

- ▶ The American Library Association says a diverse collection should contain content by and about a wide array of people
 - ▶ Library collections represent how libraries value content from and about multiple perspectives
 - ▶ Can I find out what perspectives are in the collection?
- 

Diversity Audits

- Diversity Audits are done in different ways.
 - Usually on a part of the collection.
 - Some studies prefer information that is supplied by the author themselves
 - Some studies look at circulation and use statistics
 - Often this work requires a person doing research on the author. It was not automated.
 - The time and people required was a challenge for my library. How can I do a diversity audits with minimal time required.

Tools I know about

- Wikidata
 - Free
 - Source of Linked Data
- OpenRefine
 - Free
 - Can is used to harvest linked data from Wikidata
- MarcEdit
 - Free
 - Move data from Excel to MARC and MARC to Excel

Let's try it

- 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?
- How can the results be seen in a Primo View?

Identify a test population

- Philosophy (Based on Call number)
 - Divided project into subcollections.
 - Books not in English
 - Books in English now, but originally in another language
 - English Physical books
- Tested names in author (100), subject (600)

Process Overview (Too many steps to talk about today)

- Alma:
 - Create set in Alma
 - Use Job to export .mrc file
- MarcEdit
 - Export desired fields to Excel
- OpenRefine
 - Create project from the excel file
 - Reconcile the names using Wikidata and add columns based on the reconciled values
- Export to Excel
- MarcEdit
 - Uploaded from Excel into MARC
- Alma
 - create local fields, custom data scope and view
 - Import the marc file

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](#)

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

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 (Percentages)

	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	99	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

There are 5 pieces of information to add to MARC record

- Author's Sex/Gender
- Author's Citizenship
- Subject's Sex Gender
- Subject's Citizenship
- Set name

I identified empty fields in the 900 range Using MarcEdit I added the Open Refine data into MARC fields

- Author's Sex/Gender MARC Bib field 954
- Author's Citizenship MARC Bib field 955
- Subject's Sex Gender MARC bib field 956
- Subject's Citizenship MARC bib field 957
- Set name MARC bib field 961

Next steps.

- Most nationalities were US or Europe
 - Nationalities were harder to analyze because country name changes over time. Started to assign authors and subjects to continents.
- Next steps
 - Finishing analyzing geographic data
 - Talk with Collection strategy Librarian and other subject specialists to determine if this is useful for them.

My Questions

- If I were looking at a different test set, would different Wikidata properties be populated.
- How many unreconciled could be reconciled with more time?
 - Would percentages change if all names had all properties?

Questions?

- Contact information
 - Sarah Theimer, Description and Discovery Strategy Librarian
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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

Open Refine

- Reconciliation of names
- Create columns based on reconciliations
- Clean up
 - Add no data to blanks
 - Combine multi value rows into single cell

Creating the Primo View


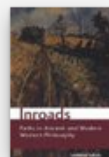
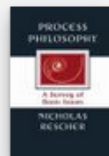

- Define local Fields
 - Discovery -- Manage Display and local Fields
 - Enables you to define local fields as a MARC field
 - Local_field_05 Display label = Information about Author
 - Local_field_06 Creator's Country of citizenship
 - Local_field_XX test collection Subset
- Create a search profile
 - Discovery -- Search Profiles – Custom and local data scopes – Col_Assessment (Wikidata Information about author contains male or information about author contains female or XXX contains non-binary
- Create a view that uses the custom data scope
 - Discovery View
 - Created collection development test – contains search profile slots- I used the Collection_assessment search profile

philosophy X 🔍

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