Getty Vocabularies: OpenRefine Reconciliation Service

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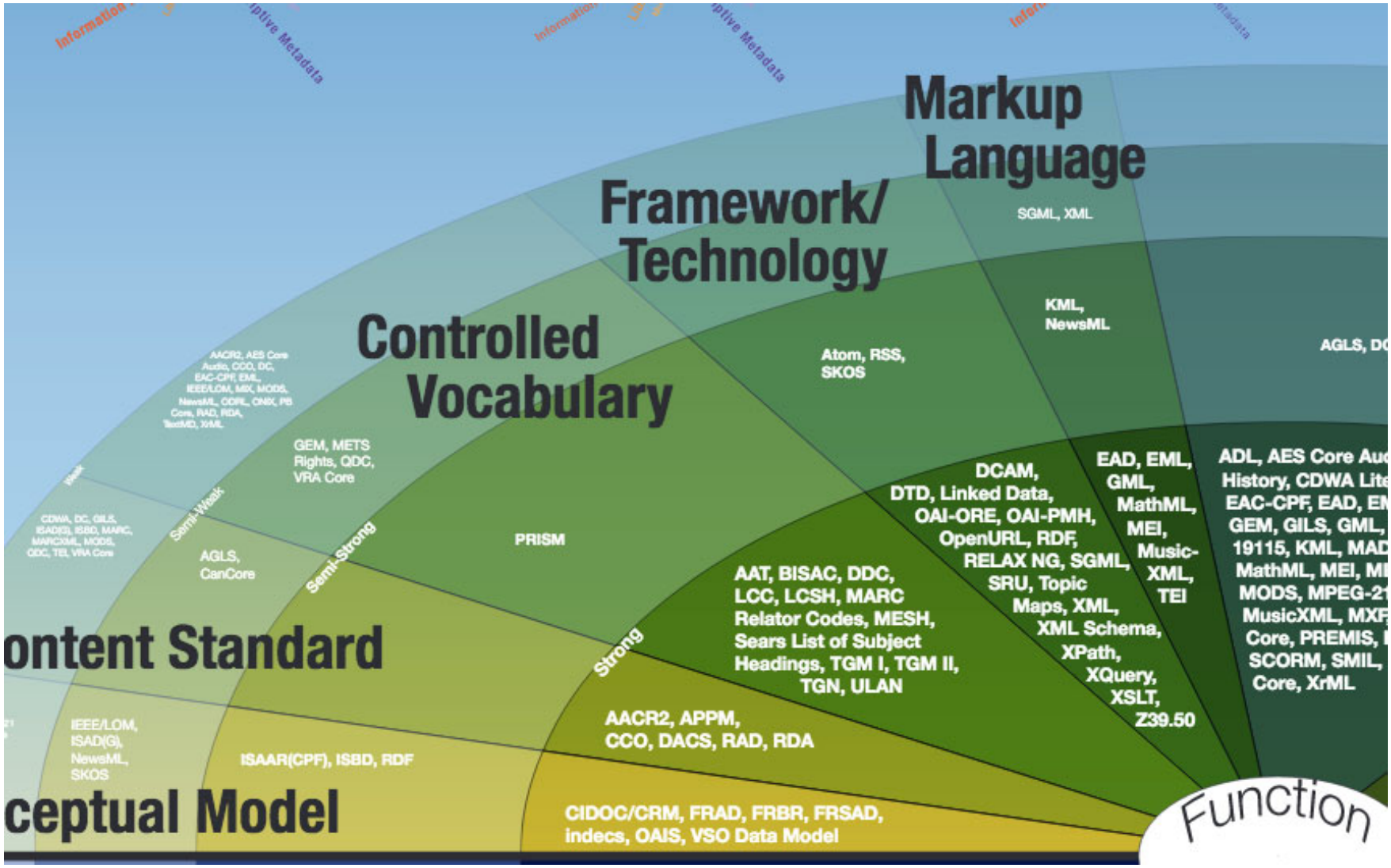

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Image Credit: Seeing Standards: A Visualization of the Metadata Universe by Jenn Riley

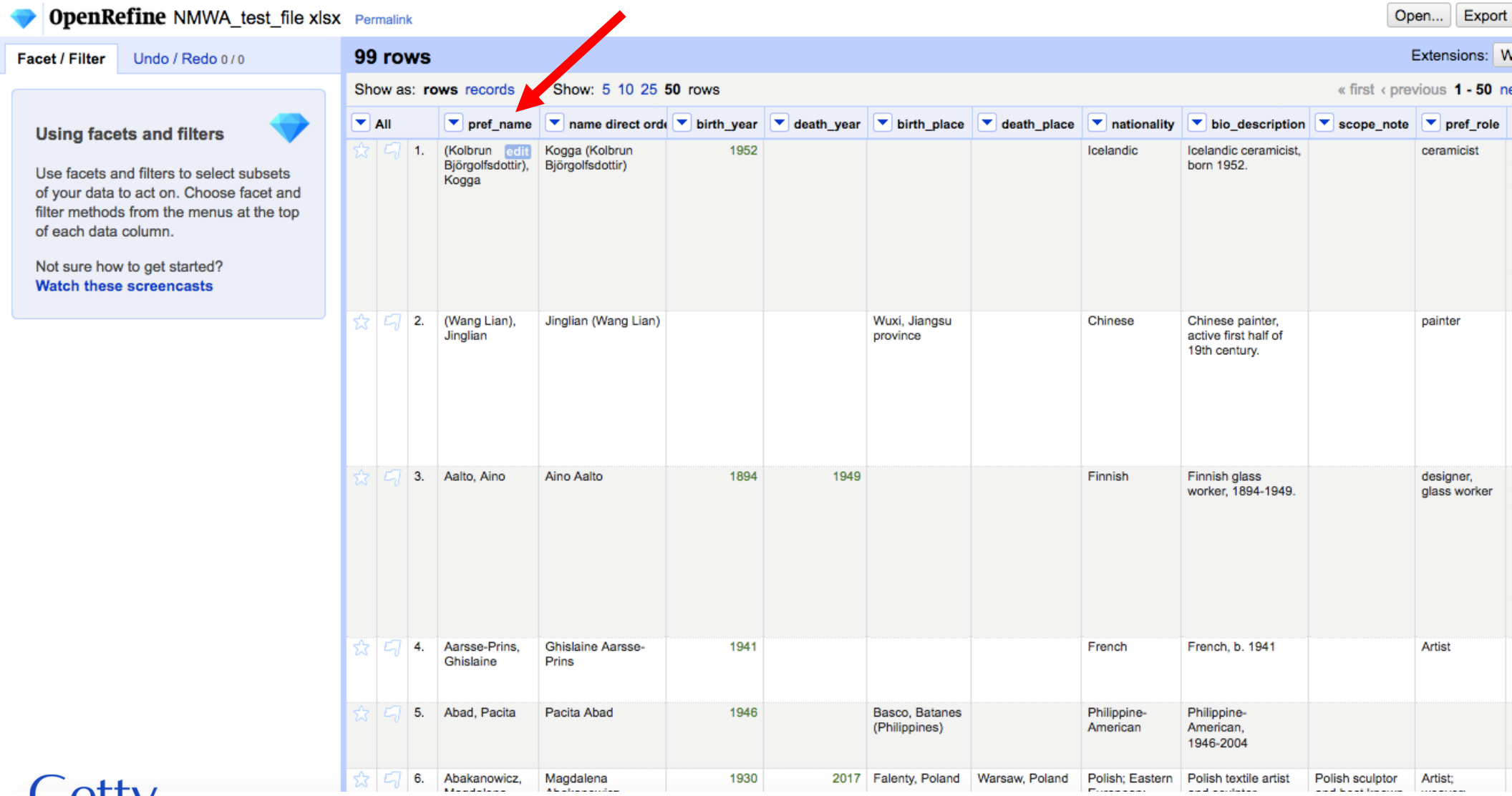
Getty Vocabulary Program OpenRefine service

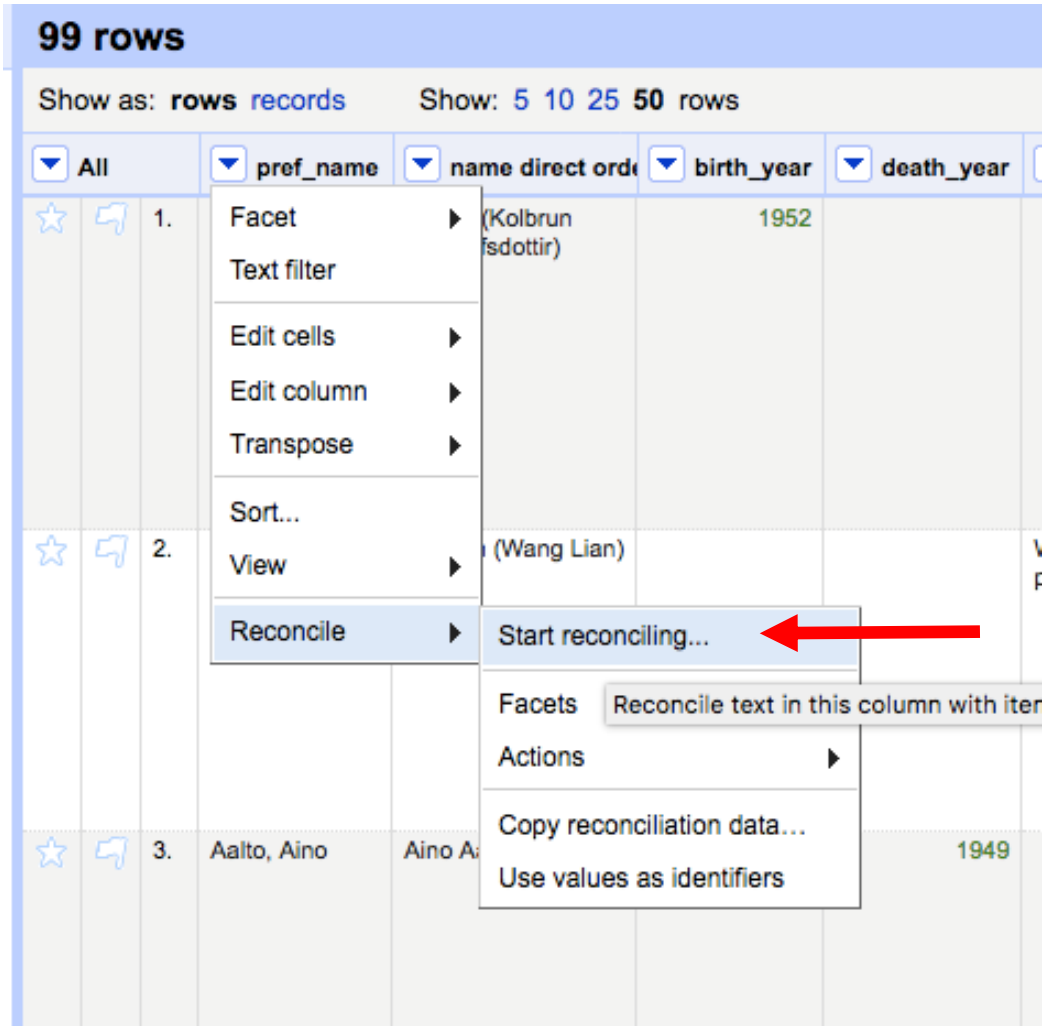
Open source: http://openrefine.org
Runs in a browser; available in multiple languages.

Data reconciliation / alignment / cleanup
For large and small-scale alignment with Getty Vocabulary data.

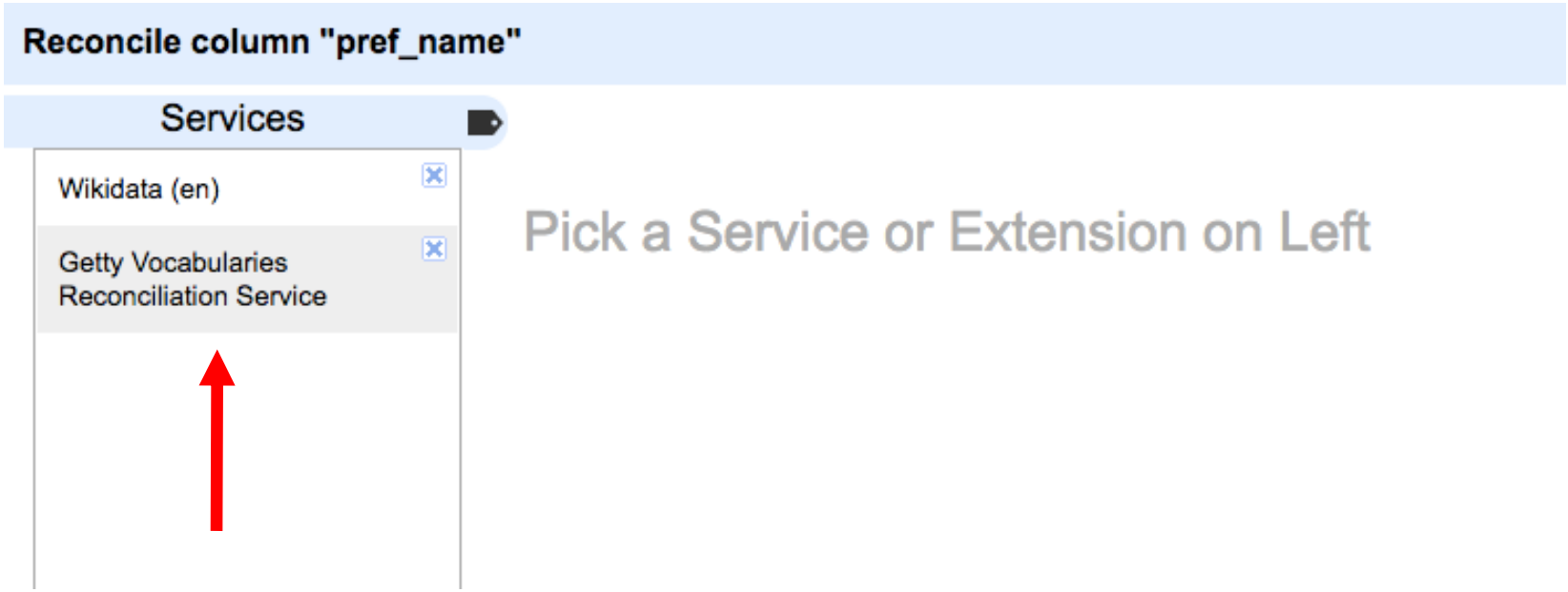
Uses GREL language (General Refine Expression Language)
https://github.com/OpenRefine/OpenRefine/wiki/GREL-Functions

For specific information and tutorial:
http://www.getty.edu/research/tools/vocabularies/obtain/openrefine.html

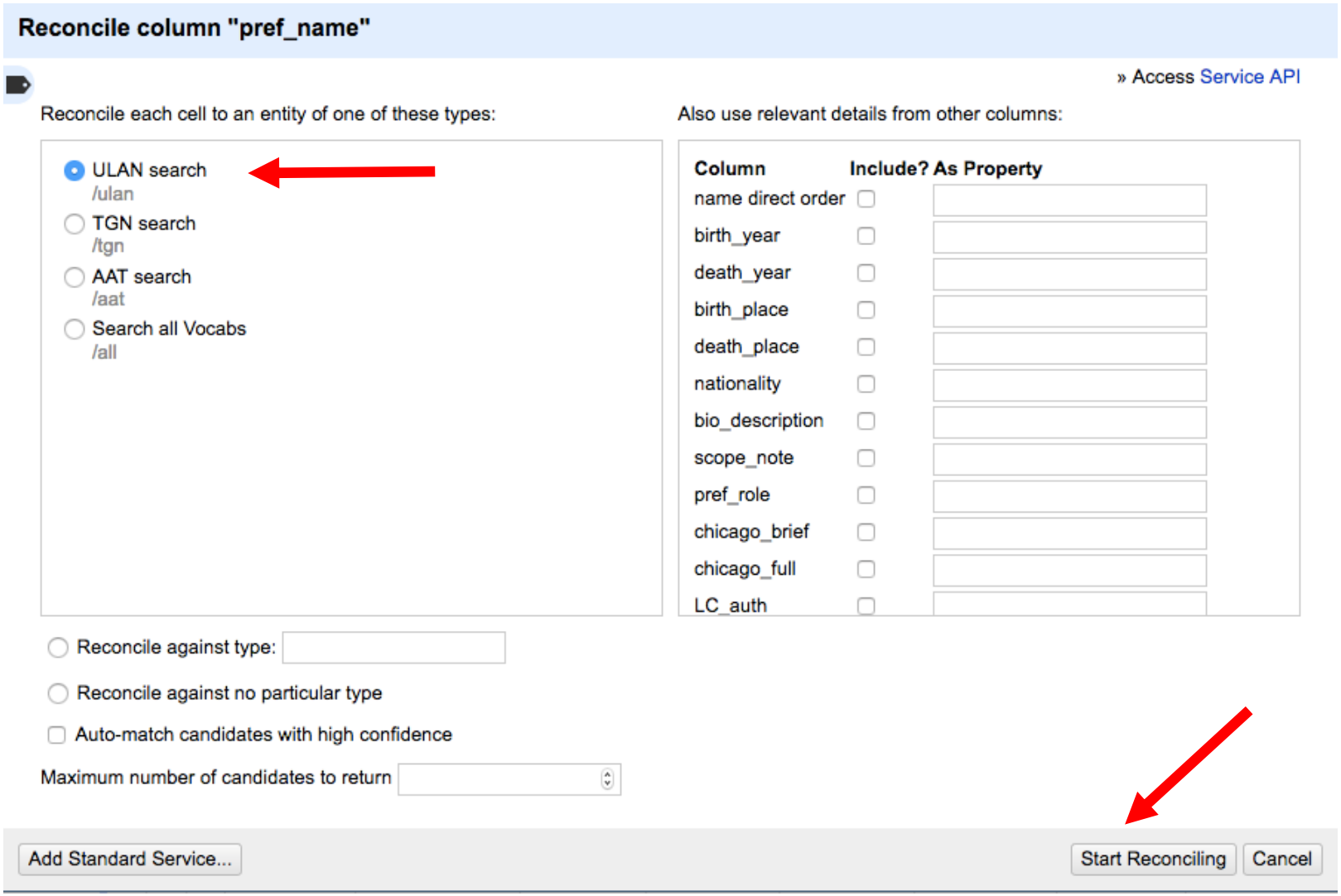

OpenRefine NMWA_test_file xlsx
Permalink
Open...
Export
Facet / Filter
Undo / Redo 0 / 0
99 rows
Extensions:
Show as: rows records
Show: 5 10 25 50 rows
« first ‹ previous 1 - 50
Using facets and filters
Use facets and filters to select subsets of your data to act on. Choose facet and filter methods from the menus at the top of each data column.
Not sure how to get started?
Watch these screencasts
All
pref_name
name direct orde
birth_year
death_year
birth_place
death_place
nationality
bio_description
scope_note
pref_role
1. (Kolbrun edit Björgolfsdottir), Kogga | Kogga (Kolbrun Björgolfsdottir) | 1952 | | | | Icelandic | Icelandic ceramicist, born 1952. | | ceramicist
2. (Wang Lian), Jinglian | Jinglian (Wang Lian) | | | Wuxi, Jiangsu province | | Chinese | Chinese painter, active first half of 19th century. | | painter
3. Aalto, Aino | Aino Aalto | 1894 | 1949 | | | Finnish | Finnish glass worker, 1894-1949. | | designer, glass worker
4. Aarsse-Prins, Ghislaine | Ghislaine Aarsse-Prins | 1941 | | | | French | French, b. 1941 | | Artist
5. Abad, Pacita | Pacita Abad | 1946 | | Basco, Batanes (Philippines) | | Philippine-American | Philippine-American, 1946-2004 | |
6. Abakanowicz, | Magdalena | 1930 | 2017 | Falenty, Poland | Warsaw, Poland | Polish; Eastern | Polish textile artist | Polish sculptor | Artist;

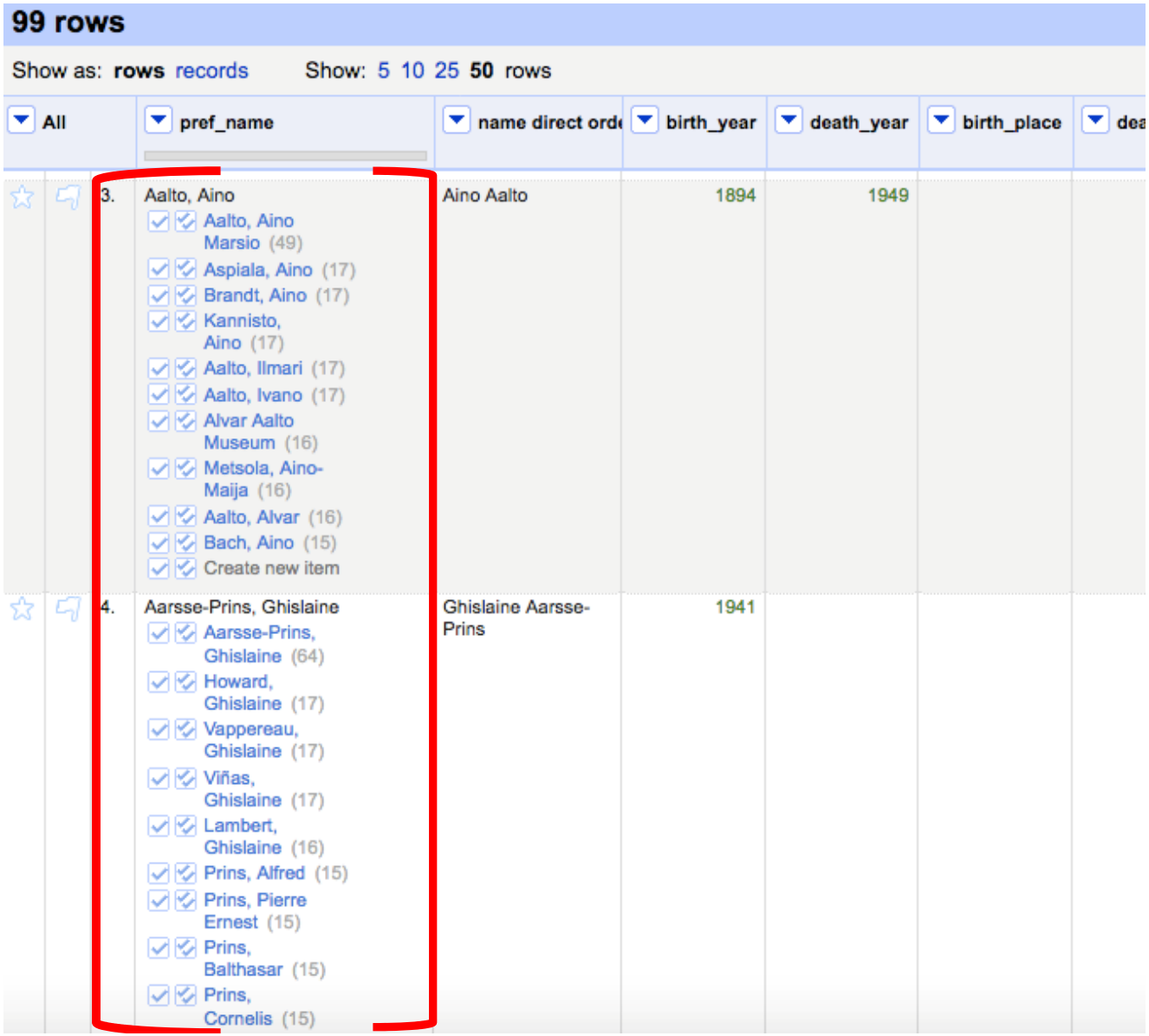

99 rows
Show as: rows records
Show: 5 10 25 50 rows
All
pref_name
name direct ord
birth_year
death_year
1.
(Kolbrun
fsdottir)
1952
Facet
Text filter
Edit cells
Edit column
Transpose
Sort...
View
Reconcile
2.
(Wang Lian)
Start reconciling...
Facets
Reconcile text in this column with iter
Actions
Copy reconciliation data...
Use values as identifiers
3.
Aalto, Aino
Aino A
1949

Getty


Reconcile column "pref_name"
Services
Wikidata (en)
Getty Vocabularies Reconciliation Service
Pick a Service or Extension on Left

Getty


Reconcile column "pref_name"
» Access Service API
Reconcile each cell to an entity of one of these types:
ULAN search
/ulan
TGN search
/tgn
AAT search
/aat
Search all Vocabs
/all
Also use relevant details from other columns:
Column
Include? As Property
name direct order
birth_year
death_year
birth_place
death_place
nationality
bio_description
scope_note
pref_role
chicago_brief
chicago_full
LC_auth
Reconcile against type:
Reconcile against no particular type
Auto-match candidates with high confidence
Maximum number of candidates to return
Add Standard Service...
Start Reconciling
Cancel


99 rows
Show as: rows records
Show: 5 10 25 50 rows
All
pref_name
name direct orde
birth_year
death_year
birth_place
3.
Aalto, Aino
Aalto, Aino Marsio (49)
Aspiala, Aino (17)
Brandt, Aino (17)
Kannisto, Aino (17)
Aalto, Ilmari (17)
Aalto, Ivano (17)
Alvar Aalto Museum (16)
Metsola, Aino-Maija (16)
Aalto, Alvar (16)
Bach, Aino (15)
Create new item
Aino Aalto
1894
1949
4.
Aarsse-Prins, Ghislaine
Aarsse-Prins, Ghislaine (64)
Howard, Ghislaine (17)
Vappereau, Ghislaine (17)
Viñas, Ghislaine (17)
Lambert, Ghislaine (16)
Prins, Alfred (15)
Prins, Pierre Ernest (15)
Prins, Balthasar (15)
Prins, Cornelis (15)
Ghislaine Aarsse-Prins
1941

Getty

3.
Aalto, Aino
edit
Aino Aalto
1894
1949
Aalto, Aino Marsio (49)
Aspiala, Aino
Brandt, Aino
Kannisto, Aino (17)
Aalto, Ilmari
Aalto, Ivano
Alvar Aalto Museum (16
Metsola, Ainc Maija (16)
Aalto, Alvar
Bach, Aino
Create new it
Match this Cell
Match All Identical Cells
Cancel
Aalto, Aino Marsio
(Finnish architect, designer, 1894-1949)
Architect and designer, and chief of interior design for Artek. Aalto's "Bölgeblick" design serves as inspiration for a line of dinnerware produced by the Finnish decor company littala. Spouse and frequent collaborator of Alvar Aalto.
4.
Aarsse-Prins, Ghisla
Choose new match
Prins

Add column based on column pref_name

New column name: ULAN ID

On error: (•) set to blank ( ) store error ( ) copy value from original column

Expression — Language: General Refine Expression Language (GREL)

```
cell.recon.match.id
```

No syntax error.

Preview | History | Starred | Help

row	value	cell.recon.match.id
1.	(Kolbrun Björgolfsdottir), Kogga	ulan/500487773
2.	(Wang Lian), Jinglian	ulan/500487774
3.	Aalto, Aino	ulan/500024110
4.	Aarsse-Prins, Ghislaine	ulan/500164537
5.	Abad, Pacita	ulan/500487777
6.	Abakanowicz, Magdalena	ulan/500084577

OK Cancel

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Why?

- Engages our user community
- Improves and increases flow of contributions
- Creates more consistent data
- Increases growth of terms in needed areas
- Engages editors with museum and library data

Thank you.

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