

A gallery wall featuring several framed paintings of various subjects, including portraits and scenes. A garland of flowers hangs across the top of the wall. The background is a light beige color.

#PLW2024

Provenance loves Wiki 2024

Session:

The Wikimedia Tool Ecosystem

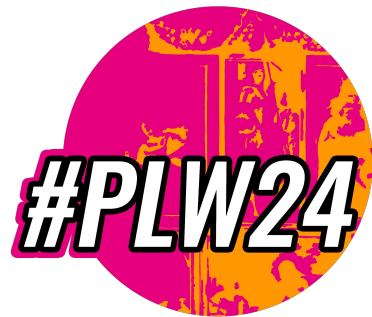


kuwiki



Toolforge

- ~3000 tools (as of 2022-05), not counting “sub-tools”
- Simplifying repetitive tasks (eg Wikidata edit batch processing)
- Alternative views of data (eg maps)
- Organising work (eg topic lists)
- Anti-vandalism tools and bots
- Various specialized tools



Mix'n'match

- Takes “catalogues” of external identifiers
- Name, description, type, URL
- Match them to Wikidata
- Semi- and fully automated matches
- Support functions for manual matching
- Can also edit Wikidata for you

Mix'n'match English Welcome, Magnus Manske Search

This tool can list entries of some external databases, and allows users to match them against Wikidata items. Think 'red link lists on steroids'. See the manual for a how-to. For an alternative, see OpenReconcile.

Catalog groups

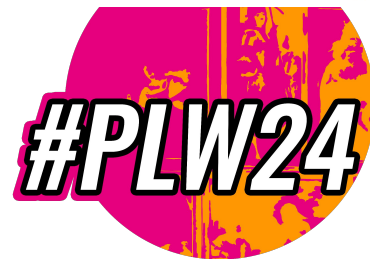
Group	Catalogs
Archives	8
Art	44
Biography	344
Biology	20
Encyclopedia	15
Entertainment	8
Food	9
General	37
Geography	45
Heritage	20
Infrastructure	7

Search catalogs

Start typing here

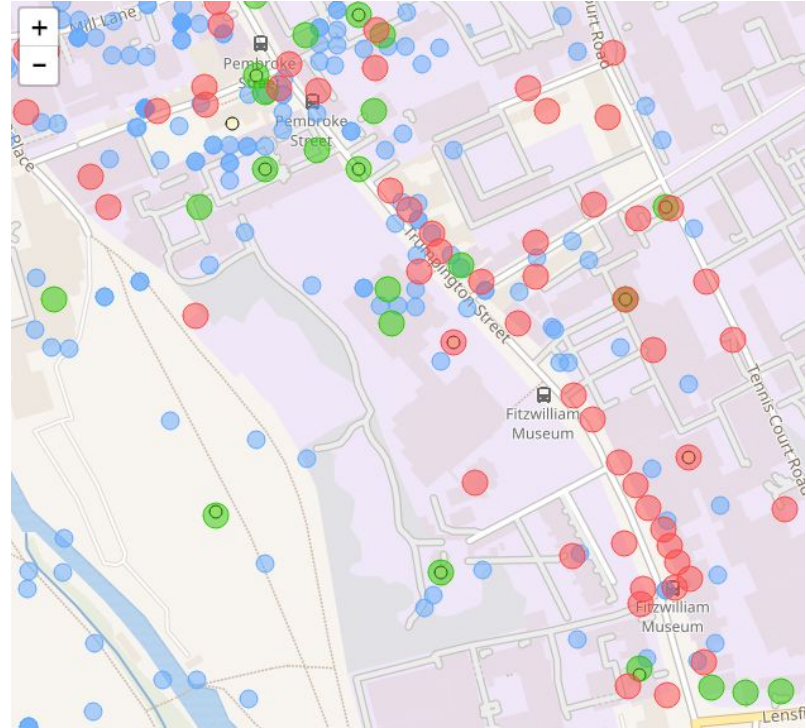
Catalogs by property class

Group	Catalogs
Authority control for people	397
Catalogs without Wikidata property	138
Identifier	94
Authority control	90
Authority control for places	58
Films	50
Art	48
Film industry	47
Organisations	43
Sports hall of fame	43
Authority control for works	26
Medicine	26
Artworks	23
Taxa	23



WikiShootMe

- Show Wikidata items, Wikipedia articles, Commons images, Flickr free images on the same map
- Shows Wikidata items without an image (red circles)
- Lets you add missing buildings, statues etc.
- Upload files and add them to Wikidata (works also from mobile!)



Wikidata Game

- Wikidata lends itself to “atomic edits”
- Many good additions to Wikidata can be automatically extrapolated from existing data, but require human oversight
- Example: Images on a Wikipedia article are likely to depict the article subject, but many false negatives
- Simple Yes/No answers, skip-able
- Lets you add your own sub-games via JSON
- Designed for mobile

	Primary sources Check if a third-party site is a source for a statement.
	Items without image These items have no image, but there are some on their Wikipedia articles.
	Source MetaData Identify a scientist on a publication. Is it the one suggested?
	Administrative unit Some items have coordinates but no administrative unit. Units will be suggested to you based on nearby items.
	Match new articles to items Decide if a Wikipedia article and a Wikidata item describe the same entity. Using data from the duplicity tool.
	Mix'n'match game Verify that an entry in an external catalog matches a given Wikidata item. Decisions count as mix'n'match actions!
	Merge items Some topics have duplicate items on Wikidata. Two items with the same title or alias will be suggested to you.

Reasonator

- Wikidata is a bit ugly
- Reasonator shows Wikidata “in pretty”
- Auto-generated textual description, where possible
- Information from related items
- Timeline, related images etc

Maria Sibylla Merian (Q62530)

Anna Maria Sibylla Merian | Мария Мерриан | Мария Сибилла Мерриан | Merian Maria Sibylla | Merian Maria Sibylla Graffin | Sybella Merian | Maria Sibylla Graff | Maria Sibylla Merian | Merian, Maria Sibylla | Maria Sibylla Merian Graf | Maria Sibylla Merian | Sybella Merian | Maria Sibylla Graff | Maria Sibylla Merian | Graff Merian | Maria Sybilla | Maria Sibylla Merian Graff | Maria Sibylla Merian | Syb Merian | M. S. Gräffin | Sibilla Merian | Maria Sibylla Gräffin | Sibylla Merian | Merian | S. Merian | Sybille Merian | Maria S. Merian | Sibylle Merian | Madame Merian | Sybilla Merian | M.S. Merian | sibylle merian | Die Jungfer Merianin | Maria Sibilla Merian | Merian, Maria Сибилла | scientific illustrator and naturalist (1647-1717)

Maria Sibylla Merian was a Dutch Republic-German-Kingdom of the Netherlands lepidopterist, botanical illustrator, painter, illustrator, entomologist, scientific illustrator, botanist, naturalist, and graphic artist. She was born on April 2, 1647 in Frankfurt am Main to Matthäus Merian. Her field of work included entomology. She married Johann Andreas Graff. Her children include Johanna Helena Herolt and Dorothea Maria Graff. She died on January 13, 1717 in Amsterdam.



Relatives	
Parents	Siblings
father ♂ Matthäus Merian	PZ ♂ Matthäus Merian
♂ Jacob Marrel	♂ Caspar Merian
Children	Other
child ♀ Johanna Helena Herolt	spouse ♂ Johann Andreas Graff
♀ Dorothea Maria Graff	

See the full family tree: [inline/new page](#)

Other properties	
field of work	entomology scientific study of insects
described by	Appletons' Cyclopædia of American Biography collection of biographies of notable people involved in the history of the New World

External sources	
abART person	59357
Amazon author	B001JSDJAO
American Academy in Rome	12380804
Artcyclopedia artist	merian_maria_sibylla
Artist ID of the Department of Prints and Drawings of the Louvre	1727-MERIAN-Sibylla-M
artist-info artist	279503
Artnet artist	maria-sybylla-merian
Artsy artist	maria-sibylla-merian
Athenaeum person	6156
BAnQ author	0000378456
Benezit	B00121092
BHCL UUID	3aac3c0a-5a89-4667-a6d2dc7d3c085e
BHL creator	81812



Scholia

- A tool to view scientific authors, organizations, etc.
- Based on Wikidata
- Lots of automated statistics
- (eg publications per year)

Scholia is a service that creates visual scholarly profiles for [topics](#), [people](#), [organizations](#), [species](#), [chemicals](#), etc using bibliographic and other information in Wikidata. [More info...](#)

Scholia relies on Wikidata, and Wikidata contains only a limited albeit growing subset of the corpus of scholarly literature, its authors and citations. Read more about the limitations in the [FAQ](#) or check the [statistics](#).

Search

Search for a scientist, topic, publication, organization, award, event, etc.

Search

Examples

Profiles

[Denny Vrandečić](#)

View the researcher profile for the Semantic Web researcher Denny Vrandečić. It shows his papers, co-authors, etc.

[Technical University of Denmark](#)

View the profile for an organization: People associated with the organization, their publications, the co-author patterns, etc.

[NeuroImage](#)

View information about a venue, e.g., a scientific

Combinations

Scholia can show multiple items together.

[Technical University of Denmark and University College London](#)

Compare two or more organizations. Here a comparison between two universities with collaborating researchers, number of publications and citations.

[Tim Berners-Lee, James Hendler and Ruben Verborgh](#)

Compare three Semantic Web researchers.

Redirects

If you know the external identifier of a concept, then Scholia can make a lookup based on it:

[twitter/utafrih](#)

Look up by Twitter username @utafrih. This will identify the London-based researcher Uta Frith and redirect to her Scholia page.

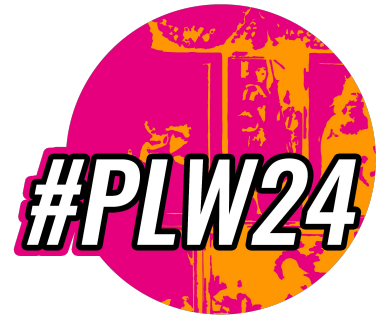
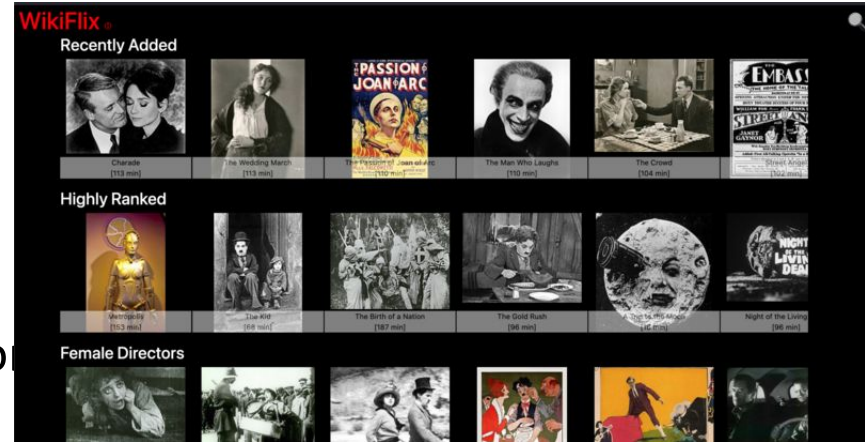
[twitter/mitpress](#)

Redirect also works for organizations, here MIT Press

[orcid/0000-0002-5494-8126](#)

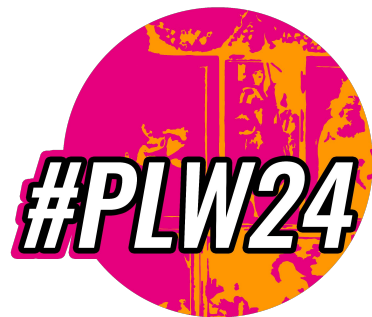
WikiFlix

- There are >30K Wikidata items about movies that are in the public domain
- >1300 of them have an associated video on Commons, Internet Archive, or YouTube
- WikiFlix lets you browse, search, and play these movies from a streaming-service-like interface



Other tools

- [QuickStatements](#) to import into Wikidata
- [PetScan](#) to retrieve/filter for linked data
- [TABernacle](#) to find, add, and alter linked data
- [SPARQL_RC](#) Wikidata Recent Changes for items with linked data
- [Listeria](#) to create/update lists on Wikipedia



FIN

