Three new userscripts for Wikidata

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Today I worked on three user scripts for Wikidata. Together, these tools hopefully make the data in Wikidata more accessible and make it easier to navigate between items. To enable these, include one or more of the following lines in your common.js (depending on which script(s) you want):

```javascript
```

**User:Lagewi/properties.js**

*Note: It turns out there is a Gadget, EasyQuery, that does something similar to this user script.*

Inspired by the interface for observation fields on iNaturalist, I wanted to easily find entities that also used a certain property, or that had a specific property-value combination. This script adds two types of links:

- For each property, a link to query results listing entities that have that property.
- For each statement, a link to query results listing entities that have that claim, e.g. this property-value combination. (This does not account for qualifiers.)

These queries are certainly not useful for all properties: listing instance of (P31) human (Q5) is not particularly meaningful in the context of a specific person. However, sometimes it just helps to find other items that use a property, and listing other compounds found in taxon (P703) *Pinus sylvestris* (Q133128) is interesting.

https://www.wikidata.org/wiki/User:Lagewi/properties.js
User:Lagewi/references.js

Sometimes, the data on Wikidata does not answer all your questions. Some types of information are difficult to encode in statements, or simply has not been encoded on Wikidata yet. In such cases, it might be useful to go through the references attached to claims of the entity, for additional information. To simplify this process, this user script lists all unique references based on stated in (P248) and reference URL (P854). The references are listed in a collapsible list below the table of labels and descriptions, collapsed by default to not be obtrusive.

https://www.wikidata.org/wiki/User:Lagewi/references.js
User:Lagewi/bibliography.js

Going a step further than the previous script, this user script appends a full bibliography at the bottom of the page. This uses the (relatively) new citation-js tool hosted on Toolforge (made using Citation.js). Every reference in the list of claims has a footnote link to its entry in the bibliography, and every entry in the bibliography has a list of back-references to the claims where the reference is used, labeled by the property number.

Bibliography


