Wikidata for librarians

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CAML 2017 preconference
Details

Slides: stuff.coffeecode.net/2017/wikidata_workshop

Notes: stuff.coffeecode.net/2017/wikidata_workshop/notes.htm

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Objectives

Understand Wikidata's data model
Understand Wikidata's role
Embrace editing
Create notable entities
Share your finely honed skills
Overview
Log in

Same user name and password across all Wikimedia projects
Sandbox

Use the Wikidata Sandbox page for practice editing

Also recommended: Wikidata:Tours
Licensing

Creative Commons Public Domain Dedication (CC0) license

Public domain, or as close as possible
Impact

Linked open data: great in theory...

Proof of concept: Laurentian University catalogue
Douglas Adams

English writer and humorist
Douglas Noël Adams | Douglas Noel Adams

In more languages

Statements

- **St John's College**
  - **end time**: 1974
  - **academic major**: English literature
  - **academic degree**: Bachelor of Arts
  - **start time**: 1971

- **Brentwood School**
  - **end time**: 1970
  - **start time**: 1959

2 references

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<thead>
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<th>property</th>
<th>value</th>
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<tbody>
<tr>
<td>stated in</td>
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</tr>
<tr>
<td>publisher</td>
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</tr>
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<td>Douglas Adams (English)</td>
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Data model

*Entities*: people, places, things (including concepts)

*Statements*: properties with values
Notability criteria: one of

Notable, via publicly available references
Links to a Wiki* page
Fulfills a structural need
## Labels, aliases, and descriptions

Q####: machine-readable name and URL

Humans get one *label* and *description* per entity per language

Multiple *aliases* per entity

<table>
<thead>
<tr>
<th>Label</th>
<th>Description</th>
<th>Aliases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bono</td>
<td>Lead singer for U2</td>
<td>Paul David Hewson</td>
</tr>
</tbody>
</table>
Missing labels

Display falls back to Q###

No references needed for edits to label/description/aliases

Grandparent class of guitar (Q6607)

Maybe "stringed instrument: A musical instrument that generates tones by one or more strings stretched between two points"
Subclasses and instances

*Subclasses*: refined classifications

*Instances*: concrete members of a subclass
Music genres

SQID allows browsing of subclass / instance relationships

Music genre (Q188451)

1,250 instances, 16 subclasses
A musician's statements

Buffy Sainte-Marie (Q467027)

instance of

genre (multiple values)

image (Wikimedia only)

date of birth (date constraint)

spouse (qualified)
Add a qualifier

Buffy Sainte-Marie (Q467027): missing a date for Governor General’s Performing Arts Award

Referenced in a 2010 Toronto Star article

Let's fix that!
Reference pieces

Stated in

Reference URL

Title

Publication date

Retrieved
Adding references in bulk

Enable Preferences -> Gadgets -> DuplicateReferences

1. Add the reference once
2. Reload the page
3. Open a reference
4. Click copy
5. Click insert reference
Authority control

Check out Buffy Sainte-Marie's Identifiers:

Well-known: VIAF, ISNI, LC Authorities

Music: AllMusic, Discogs, MusicBrainz, Songkick

Social media: Twitter, Facebook, MySpace

… and many more to build out the network

Check out Buffy Sainte-Marie's Wikipedia page

See Authority control in External links

Edit the page to see the {{Authority control}} macro
Musician entities

*genre* (P136) captures the *music genre(s)* (Q188451) for the band, individual, or event (*SQID*)

*occupation* (P106) = *musician* (Q639669) or one of its subclasses (*SQID*)

*instrument* (P1303) = *musical instrument* (Q34379) or one of its subclasses (*SQID*)
Band entities

instance of = band (Q215380)

Band members are represented via has part (P527), and you can qualify each statement with start time (P580) and end time (P582) to reflect when members joined or left the band.

inception (P571) is the when the band began.
Music festival classes

Credit due to Eurovision Song Contest!

Festival class: Northern Lights Festival Boréal

Instance of both:

- music festival (Q868557)
- recurring event (Q15275719)
Music festival instances

*Instance of a specific music festival*

Series instances: Northern Lights Festival Boréal 2016

*Edition number (P393)* indicates the festival edition

Link between editions with *follows (P155)* and *followed by (P156)*

*Participant (P710)* statements link to performers
Querying Wikidata with SPARQL

Intro to SPARQL and the Wikidata Query Service
Details

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Notes:
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