



SQID 2.0

A Data Browser for Wikidata

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Overview

SQID is an interactive data browser for Wikidata. It tries to integrate all relevant information around an entity in a single, concise view, while also offering ways to explore available properties and the class hierarchy.

The upcoming, work-in-progress 2.0 version of SQID is a complete rewrite, putting SQID back on maintainable technological underpinnings. Besides paving the way for new features, this addresses architectural assumptions that have been invalidated by Wikidata's continuing growth.

What's New in SQID?

Features

- regular statistics updates
- easier translation using translatewiki.net
- user-editable inference rules

Architecture

- now with 100% less AngularJS
- Typescript & Vue.js
- centralised data store: avoid redundant requests & race conditions
- on-demand loading of statistics: don't require 30 MiB of data for the initial view

What's Next for SQID?

- improved property browser: allow browsing by classes of properties
- browse lexicographical data
- support structured commons?
- **which feature would you like to have?**

References

- Maximilian Marx & Markus Krötzsch. SQID: Towards Ontological Reasoning for Wikidata. ISWC'17
- <https://github.com/Wikidata/SQID/tree/sqid-ng>

What's SQID?

The screenshot shows the SQID 1.0 interface for the entity Johann Sebastian Bach (Q1339). It features a search bar at the top, navigation tabs, and a main content area with sections for Human relationships, References, and Identifiers. A portrait of Bach is shown on the right.

SQID 1.0, showing information on Johann Sebastian Bach (Q1339)

- own & related statements
- references
- browse properties & classes
- instances & subclasses
- external identifiers
- rules derive implicit information