About Wikidata

Wikidata is a free and open knowledge base that can be read and edited by both humans and machines. Wikidata acts as central storage for the structured data of its Wikimedia sister projects including Wikipedia, Wikivoyage, Wiktionary, Wikisource, and others. Wikidata also provides support to many other sites and services beyond just Wikimedia projects! The content of Wikidata is available under a free license, exported using standard formats, and can be interlinked to other open data sets on the linked data web.

There is more to come ~ Wikidata is an ongoing project that is under active development. More data types as well as extensions will be available in the future. You can find more information about Wikidata and its ongoing development on the Wikidata page on Meta. Subscribe to the Wikidata mailing list to receive up-to-date information about the development and to participate in discussions about the future of the project.

Contents

Wikidata (WKDT)

Description:

the free knowledge base with 94,983,198 data items that anyone can edit ~ Wikidata is a free, collaborative, multilingual, secondary database, collecting structured data to provide support for Wikipedia, Wikimedia Commons, the other wikis of the Wikimedia movement, and to anyone in the world.

Stakeholder(s):

Wikimedia   **Wiktionary**

Wikivoyage   **Wikisource**

Vision

Structured data for anyone in the world

Mission

To act as central storage for the structured data of Wikimedia sister projects

Values

Reuse: Free. The data in Wikidata is published under the Creative Commons Public Domain Dedication 1.0, allowing the reuse of the data in many different scenarios. You can copy, modify, distribute and perform the data, even for commercial purposes, without asking for permission.

Collaboration: Collaborative. Data is entered and maintained by Wikidata editors, who decide on the rules of content creation and management. Automated bots also enter data into Wikidata.

Multilingualism: Multilingual. Editing, consuming, browsing, and reusing the data is fully multilingual. Data entered in any language is immediately available in all other languages. Editing in any language is possible and encouraged.

Connections: A secondary database. Wikidata records not just statements, but also their sources, and connections to other databases. This reflects the diversity of knowledge available and supports the notion of verifiability.

Diversity

Verifiability

Structure: Collecting structured data. Imposing a high degree of structured organization allows for easy reuse of data by Wikimedia projects and third parties, and enables computers to process and "understand" it.

Ease of Use: Support for Wikimedia wikis. Wikidata assists Wikipedia with more easily maintainable information boxes and links to other languages, thus reducing editing workload while improving quality. Updates in one language are made available to all other languages.

Interoperability: Anyone in the world. Anyone can use Wikidata for any number of different ways by using its application programming interface.

Data Storage

Centralize storage of data

Stakeholder(s)

Wikidata Users :
There are a number of ways to access Wikidata using built-in tools, external tools, or programming interfaces.

Wikidata Tools :
Wikidata Query and Reasonator are some of the popular tools to search for and examine Wikidata items. The tools page has an extensive list of interesting projects to explore.

Client Wikis :
Client wikis can access data for their pages using a Lua Scribunto interface. You can retrieve all data independently using the Wikidata API.

Wikidata is a central storage repository that can be accessed by others, such as the wikis maintained by the Wikimedia Foundation. Content loaded dynamically from Wikidata does not need to be maintained in each individual wiki project. For example, statistics, dates, locations and other common data can be centralized in Wikidata.

1. Labeling

Label data items

The Wikidata repository consists mainly of items, each one having a label, a description and any number of aliases. Items are uniquely identified by a Q followed by a number, such as Douglas Adams (Q42).

2. Description

Describe data items

Statements describe detailed characteristics of an Item and consist of a property and a value. Properties in Wikidata have a P followed by a number, such as with educated at (P69)... All this information can be displayed in any language, even if the data originated in a different language. When accessing these values, client wikis will show the most up-to-date data.

Stakeholder(s):

Persons :
For a person, you can add a property to specify where they were educated, by specifying a value for a school.

Buildings :
For buildings, you can assign geographic coordinates properties by specifying longitude and latitude values.

Databases :
Properties can also link to external databases.

Authorities :
A property that links an item to an external database, such as an authority control database used by libraries and archives, is called an identifier.

Libraries

Archives

Special Sources :
Special Sitelinks connect an item to corresponding content on client wikis, such as Wikipedia, Wikibooks or Wikiquote.

Wikipedia

Wikibooks

Wikiquote

Administrative Information

Start Date:
End Date:

Publication Date:　2021-09-07
Source:　https://www.wikidata.org/wiki/Wikidata:Main_Page

Submitter:

Given Name:　Owen
Surname:　Ambur
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Phone: