

Developing a Wikidata Project



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Wikidata is ideal for projects!

- **Anyone can participate**
- **Open and free**
- **Multilingual**
- **Lots of gaps and places to improve**
- **Nearly all data is appropriate***
- **...maybe too many ways to start?**

*Wikidata does have notability guidelines

First trick to Wikidata projects is: **Scope**

- **Define your scope**

Wikidata is vast and there are many ways to help out. Figuring out what you want to do, and setting some limits is a great way to make a project more manageable.

Second: the data

- **Add data, pull data, combine**

Do you have data you want to add to Wikidata? Is there some kind of data you wish you had? Do you have an idea for a tool that cycles data from one collection to Wikidata and back again?

Projects that pull data from Wikidata

- **Queries (WDQS)**

There are hundreds of queries that exist that others have written. You can adapt them to show a different set of data. You can also write your own queries!

- **API**

Point a tool to Wikidata's API and pull data that way. Pick any set or subset to pull into a project and manipulate it as you see fit!

<https://www.wikidata.org/w/api.php>

Adding data to Wikidata

- **Create a new property**
- **Contribute to a data model**
- **Batch upload a collection**
- **Reconcile identities**
- **Coordinate a WikiProject**
- **Clean up Wikidata's taxonomy**
- **Translate labels, descriptions, and aliases**

Pushing and pulling data to and from Wikidata

- **Write scripts and bots**
- **Build a tool that uses Wikidata's data to power that tool**
- **Use queries to make a lists to monitor knowledge gaps or progress in a project**
- **Use a query to generate time-sensitive data and share those visualizations**

Third: documentation

- **Tool walk-throughs**
- **Step by step processes for a project**
- **Share a set of useful queries**
- **Gather resources to train other community members (videos, example items, queries, workflows, maintenance queries, useful external links)**

Fourth: Project Dynamics

- **Scope/goal**
- **Relationship with the data**
- **Community involvement**
- **Resources**
- **Patience (Wikidata has a learning curve)**
- **Being okay with not finishing and letting others contribute**

Thank you!

Examples:

- [WikiProject // WikiProject Source Metadata](#)
- [Linked Open Data Workflow](#)
- [Hay's Tool list](#)
- [Inventaire About Page](#)
- [Download Wikidata](#)

Course Info:

- [data.wikiedu.org](#)

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