

# Introduction to Wikidata



**WIKIDATA**

**september 2013**

# Wikidata is...

[ [WD:INTRO] ]

- **A new project.** — Wikidata is the first new Wikimedia project since the inception of Wikiversity in 2006.
- **Free.** — The data in Wikidata is published under CC0 licence.
- **Collaborative.** — The data in Wikidata is entered and maintained by Wikidata editors.
- **Multilingual.** — Editing, consuming, browsing, and reusing the data is fully multilingual.
- **A secondary database.** — Wikidata records statements and their sources.
- **Collecting structured data.** — Structured data, easily reuseable, “understandable” and reuseable by computers.
- **Support for Wikimedia projects.** — Wikidata supports Wikipedia with more easily maintainable language links and infoboxes.
- **Support well beyond that...** — Everyone is able to use Wikidata for a huge number of different services.
- **Under development.**

<https://www.wikidata.org>

# Three phases

- **Phase I** : interwikis,  
introduction of items
- **Phase II** : infoboxes,  
introduction of declarations
- **Phase III** : lists,  
automatic updating and translation of list

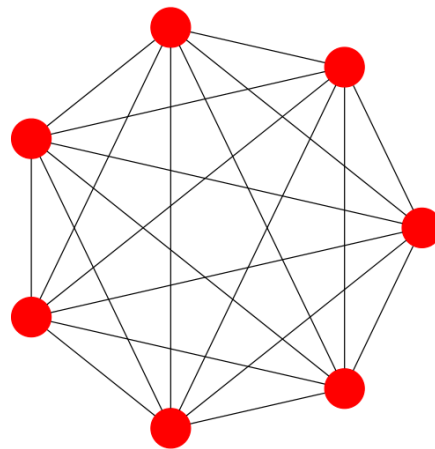
# Phase I, interlanguage links

- Centralized interwiki system. Introduction of items
- As of: october 2012
- Deployed to all Wikipedias as of March 6th 2013

## Former system

Disseminated maintenance  
(data spread over 280  
Wikipedias)

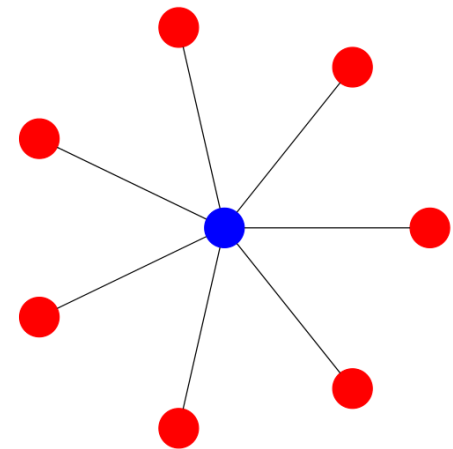
Maintenance by many robots



## New system

Centralized maintenance

Gathering by robots (except  
ambiguity), maintenance by  
hand



The screenshot shows the Wikipedia article for Victor Hugo. The 'Languages' section in the left sidebar is highlighted with a red box. The article text includes a 'Contents' table of contents, a 'Personal life' section, and a 'Personal life' section. The 'Languages' list includes: Languages, Адыгэбзэ, Afrikaans, Alemannisch, العربية, Aragonés, Asturianu, Avañe'ê, Azərbaycanca, বাংলা, Bân-lâm-gú, Башҡортса, Беларуская, Беларуская (тарашкевіца), Võro, Winaray, עיידיש, Yorùbá, 粵語, Zazaki, Žemaitėška, 中文, and Edit links.

• Screenshot: [https://en.wikipedia.org/wiki/Victor\\_Hugo](https://en.wikipedia.org/wiki/Victor_Hugo)  
• File:Before Wikidata phase 1 interwiki links.svg, By Pyfisch (Own work) [CC-BY-SA-3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>)], via Wikimedia Commons  
• File:Wikidata phase 1 interwiki links.svg, By Pyfisch (Own work) [CC-BY-SA-3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>)], via Wikimedia Commons



# Phase I, basic data

[ [WD:GLOSS] ]

## Anatomy of an item

**label** or name  
cf. label

**description**  
cf. description

**Aliases** (also known as)  
cf. aliases

**Interlanguage links**

The screenshot shows the Wikidata interface for item Q535. Red arrows point from the text on the left to the corresponding sections on the right:

- Arrow 1 points to the label "Victor Hugo".
- Arrow 2 points to the description "French poet, novelist, and dramatist".
- Arrow 3 points to the "Also known as" section, which contains the alias "Victor Marie Hugo".
- Arrow 4 points to the "Wikipedia pages linked to this item" section, which contains a table of interlanguage links.

Language	Code	Linked article
Afrikaans	afwiki	<a href="#">Victor Hugo</a>
Alemannisch	alswiki	<a href="#">Victor Hugo</a>
aragonés	anwiki	<a href="#">Victor Hugo</a>

# Links Wikidata/Wikipedia

WIKIPEDIA  
The Free Encyclopedia

Main page  
Contents  
Featured content  
Current events  
Random article  
Donate to Wikipedia

Interaction

Toolbox  
What links here  
Related changes  
Upload file  
Special pages  
Permanent link  
Page information  
Data item  
Cite this page

Print/export

Languages

Адыгэбзэ  
Afrikaans  
Alemannisch  
العربية  
Aragonés  
Asturianu  
Avañe'ẽ  
Azərbaycanca  
বাংলা  
Bân-lâm-gú  
Башҡортса  
Беларуская  
Беларуская (тарашкевіца)  
Võro  
Winaray  
ייִדיש  
Yorùbá  
粵語  
Zazaki  
Žemaitėška  
中文

[Edit links](#)

Article Talk

## Victor Hugo

From Wikipedia, the free encyclopedia

**Victor Marie Hugo** (French pronunciation: [viktɔʁ maʁi ʁyɡo]) Hugo's literary fame comes first from his poetry, his best-known works are *Les Misérables* and *The Hunchback of Notre-Dame*. Though a committed royalist when the French Revolution was in its trends of his time. He was buried in the Pantheon in Paris.

**Contents** [hide]

- 1 Personal life
- 2 Writings
- 3 Political life and exile
- 4 Religious views
- 5 Victor Hugo and music
- 6 Declining years and death
- 7 Drawings
- 8 Memorials
- 9 Works
  - 9.1 Published during Hugo's life
  - 9.2 Published posthumously
  - 9.3 Online texts
  - 9.4 Online audio
- 10 References
  - 10.1 Online references
- 11 Further reading
- 12 External links

### Personal life

Hugo was the third son of Joseph-François Hugo (1765–1825), a French nobleman and politician, and Marie Franche-Comté. Hugo was a free thinker and a supporter of Napoleon.<sup>[*citation needed*]</sup>

Hugo's childhood was a period of relative happiness. He was raised in a family of two famous musicians of the 19th century. His father was a pianist – with only one finger. Hugo's mother was a pianist and a singer. Although for various reasons the family moved to Paris in 2007<sup>[10]</sup> and in a full orchestral version of *Les Misérables* in 2007.<sup>[11]</sup>

Well over one thousand musical compositions have been written in the interest of many composers and conductors, including *Gioconda* (1876).<sup>[12]</sup>

Hugo's novels as well as his plays have been adapted into films. *Les Misérables* is the longest running musical. A

Victor Hugo [edit]

French poet, novelist, and dramatist [edit]

Also known as: Victor Marie Hugo [edit]

### Wikipedia pages linked to this item

(130 entries)

Language	Code	Linked article	
Afrikaans	afwiki	Victor Hugo	<span>[edit]</span>
Alemannisch	alswiki	Victor Hugo	<span>[edit]</span>
aragonés	anwiki	Victor Hugo	<span>[edit]</span>
العربية	arwiki	فيكتور هوغو	<span>[edit]</span>
مصرى	arwiki	فيكتور هوغو	<span>[edit]</span>
asturianu	astwiki	Victor Hugo	<span>[edit]</span>
azərbaycanca	azwiki	Viktor Hüqo	<span>[edit]</span>
žemaitėška	bat_srngwiki	Victor Hugo	<span>[edit]</span>
башҡортса	bawiki	Гюго, Виктор	<span>[edit]</span>
беларуская (тарашкевіца)	be_x_oldwiki	Віктор Юго	<span>[edit]</span>
беларуская	bewiki	Віктор Гюго	<span>[edit]</span>
български	bgwiki	Виктор Юго	<span>[edit]</span>
বাংলা	bnwiki	ভিক্টর হুগো	<span>[edit]</span>
brezhoneg	brwiki	Victor Hugo	<span>[edit]</span>
bosanski	bswiki	Victor Hugo	<span>[edit]</span>
буряад	bxrwiki	Гюго, Виктор	<span>[edit]</span>
català	cawiki	Victor Hugo	<span>[edit]</span>
Mìng-dêng-nĕ̍	cdowiki	Mī-káik-dō̍ Ū-guō	<span>[edit]</span>
нохчийн	cewiki	Гюго, Виктор	<span>[edit]</span>
کوردی	ckbwiki	فيكتور هوگو	<span>[edit]</span>
česky	cswiki	Victor Hugo	<span>[edit]</span>
ЧӀавашна	cwiki	Виктор Гюго	<span>[edit]</span>
Cymraeg	cywiki	Victor Hugo	<span>[edit]</span>
dansk	dawiki	Victor Hugo	<span>[edit]</span>
Deutsch	dewiki	Victor Hugo	<span>[edit]</span>
Zazaki	diqwiki	Victor Hugo	<span>[edit]</span>
Ελληνικά	elwiki	Βίκτωρ Ουγκώ	<span>[edit]</span>
English	enwiki	Victor Hugo	<span>[edit]</span>

• Screenshot: [https://en.wikipedia.org/wiki/Victor\\_Hugo](https://en.wikipedia.org/wiki/Victor_Hugo)

• Screenshot: <https://www.wikidata.org/wiki/Q535>

# Search on Wikidata

- **Search bar**

(*improved search*)

item by sitelink

- **Special pages:**

- search

- [[Special:Search]]

- item by title

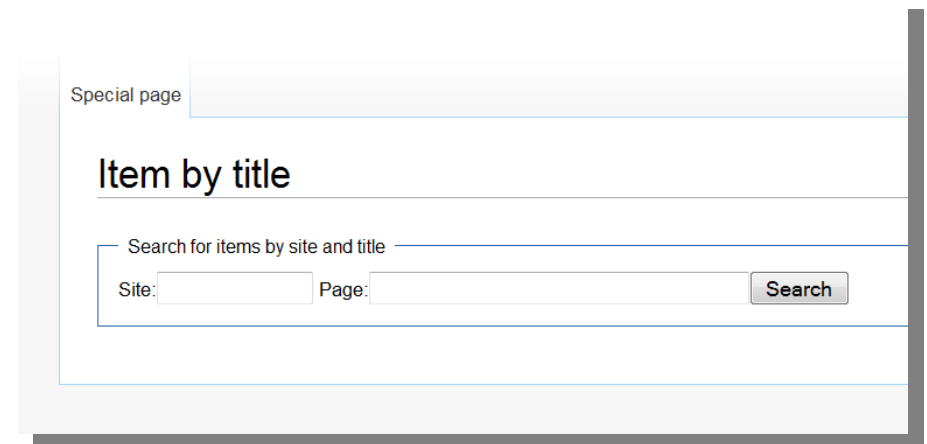
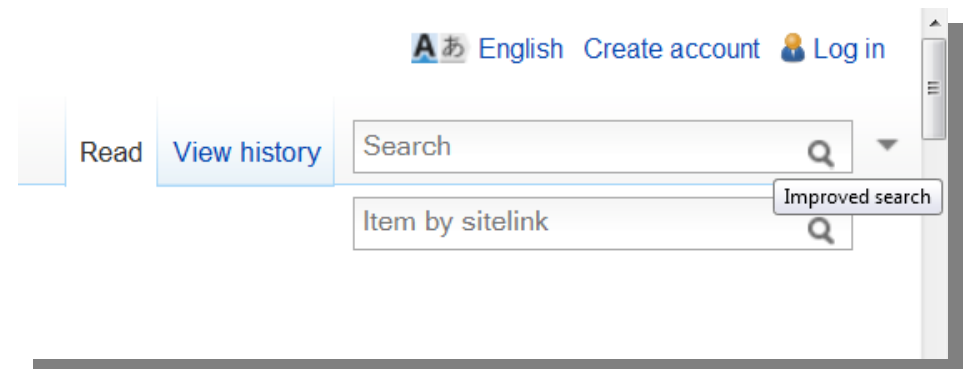
- [[Special:ItemByTitle]]

- **URL** : [www.wikidata.org/wiki/](http://www.wikidata.org/wiki/)

[Special:ItemByTitle/](http://www.wikidata.org/wiki/Special:ItemByTitle/)

[\[project\]/\[page name\]](http://www.wikidata.org/wiki/[project]/[page name])

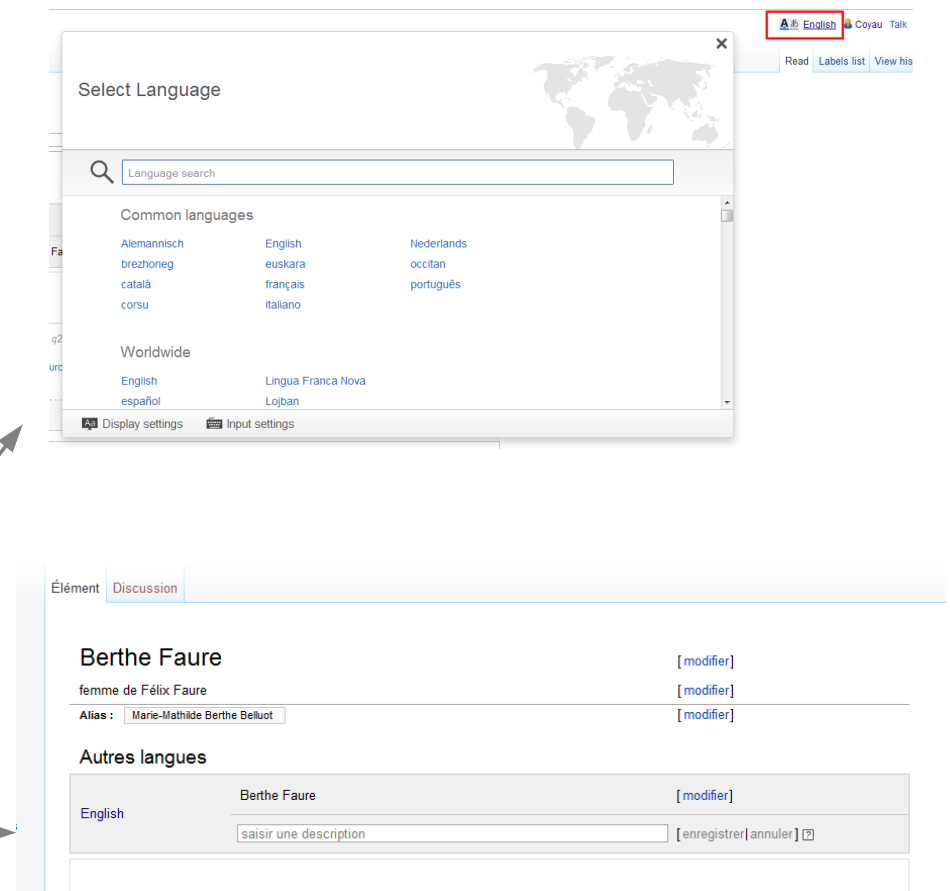
[https://www.wikidata.org/wiki/Special:ItemByTitle/frwiki/Victor\\_Hugo](https://www.wikidata.org/wiki/Special:ItemByTitle/frwiki/Victor_Hugo)





# User interface language

- IP users : in English.  
Or add `?uselang=fr` after the URL  
example :  
<https://www.wikidata.org/wiki/Q2899263>  
<https://www.wikidata.org/wiki/Q2899263?uselang=fr>
- Depending on the setting of internationalization (link)
- Universal Language Selector (help)
- `#babel` parser function (help) on user page. Example :  
`{{#babel:fr-N|en-2}}`



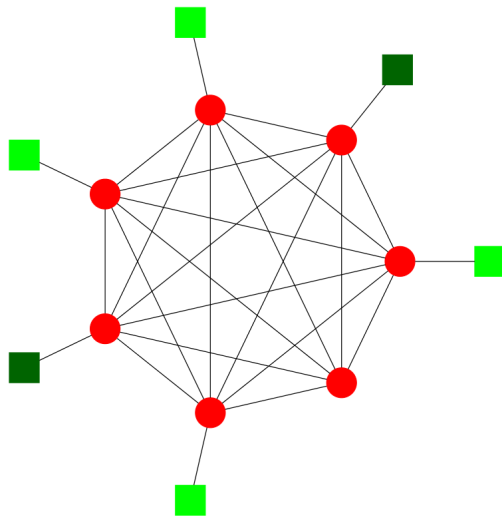
# Phase II, infoboxes

- Centralize infobox-related data. Introduction of statements
- Deployed to Wikidata on February 4th 2013

## Former system

Disseminated data (280 Wikipedias)

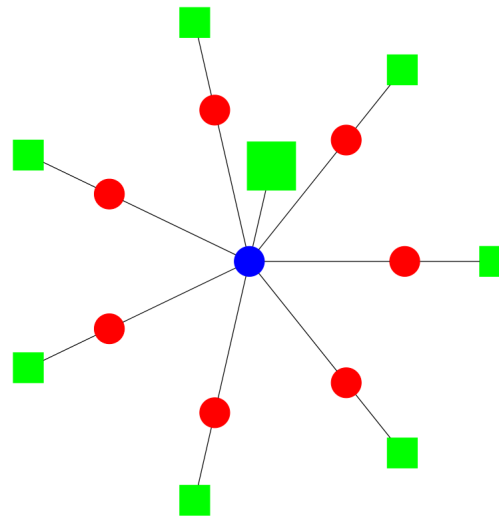
Variable update depending on Wikipedias



## New system

Centralized data

Simplified data management



### Berthe Faure

Dessin supposé de Berthe Faure, debout et de dos, lors du décès de son mari (une du *Petit Journal*).

**Épouse du 7<sup>e</sup> président de la République française**

**17 janvier 1895 – 16 février 1899**  
(4 ans et 29 jours)

**Prédécesseur** [Hélène Casimir-Perier](#)  
**Successeur** [Marie-Louise Loubet](#)

**Biographie**

**Nom de naissance** [Marie-Mathilde Berthe Belluot](#)  
**Date de naissance** [21 février 1842](#)  
**Date de décès** [1920 \(à 78 ans\)](#)  
**Conjoint** [Félix Faure](#)

[modifier](#)

• Screenshot [https://fr.wikipedia.org/wiki/Berthe\\_Faure](https://fr.wikipedia.org/wiki/Berthe_Faure)

• *File:Before Wikidata phase 2 infoboxes.svg*, By Pyfisch (Own work) [CC-BY-SA-3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>)], via Wikimedia Commons

• *File:Wikidata phase 2 infoboxes.svg*, By Pyfisch (Own work) [CC-BY-SA-3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>)], via Wikimedia Commons

# Phase II, infoboxes

```

{{Infobox Conjoint politique
| nom                = Berthe Faure
| image              = Faure.1212301544-1-.jpg
| légende            = Dessin supposé de Berthe Faure, debout et de dos, lors du décès de son mari (une du ''[[Le Petit Journal (quotidien)|Petit Journal]]'').
| statut              = [[Liste des épouses des présidents de la République française|Épouse du {{7e}} président de la République française]]
| début              = {{date|17|janvier|1895}}
| fin                 = {{date|16|février|1899}}<br /><small>(4 ans et 29 jours)</small>
| conjoint            = [[Félix Faure]]
| prédécesseur       = [[Hélène Casimir-Perier]]
| successeur         = [[Marie-Louise Loubet]]
| nom de naissance   = Marie-Mathilde Berthe Belluot
| date de naissance  = {{date de naissance|21|février|1842}}
| lieu de naissance  =
| date de décès      = [[1920]] (à 78 ans)
| lieu de décès      =
| profession         =
}}

```

Élément	Discussion	
<b>Berthe Faure</b> <span>[modifier]</span>		
femme de Félix Faure <span>[modifier]</span>		
Alias : <span>Marie-Mathilde Berthe Belluot</span> <span>[modifier]</span>		
<b>Autres langues</b>		
English	Berthe Faure <span>[modifier]</span>	
	<input type="text" value="saisir une description"/> <span>[enregistrer]</span> <span>[annuler]</span> <span>[?]</span>	
<b>Déclarations</b>		
type principal (GND)	persone <span>q215627</span> <span>[modifier]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
sexe	féminin <span>q6581072</span> <span>[modifier]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
pays de nationalité	France <span>q142</span> <span>[modifier]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
lieu d'enterrement	cimetière du Père-Lachaise <span>q311</span> <span>[modifier]</span>	
	catégorie Commons <span>Grave of Félix Faure</span> <span>[?]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
conjoint	Félix Faure <span>q296076</span> <span>[modifier]</span>	
	date de début <span>10 juillet 1865</span> <span>[ajouter]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
date de naissance	21 février 1842 <span>[modifier]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
date de décès	1920 <span>[modifier]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
nom de naissance	Marie-Mathilde Berthe Belluot <span>[modifier]</span>	
	<span>→</span> 0 source <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
	<span>[ajouter]</span>	
<b>Pages de Wikipédia liées à cet élément</b> (1 entrée)		
Langue	Code	Articles liés
français	frwiki	Berthe Faure <span>[modifier]</span>
		<span>[ajouter]</span>

## Berthe Faure



Dessin supposé de Berthe Faure, debout et de dos, lors du décès de son mari (une du *Petit Journal*).

**Épouse du 7<sup>e</sup> président de la République française**

**17 janvier 1895 – 16 février 1899**  
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**Biographie**

**Nom de naissance** [Marie-Mathilde Berthe Belluot](#)

**Date de naissance** [21 février 1842](#)

**Date de décès** [1920 \(à 78 ans\)](#)

**Conjoint** [Félix Faure](#)

[modifier](#)

• Screenshot: <https://www.wikidata.org/wiki/Q2899263>

• Screenshot: [https://fr.wikipedia.org/wiki/Berthe\\_Faure](https://fr.wikipedia.org/wiki/Berthe_Faure)

# Phase II, statement

[ [WD:GLOSS] ]

Anatomy of a statement cf. statement

**statement**

**claim**

**property**      **value**      Optional qualifiers

**reference or source**

**rank**  
(future feature)

distinction	grand officier de la Légion d'honneur	[ modifier ]
	date de début	mai 16 1910 <i>Grégorien</i>
	▼ 2 sources	[ modifier ]
	importé de	Wikipédia en français
		[ modifier ]
	identifiant Léonore	LH/2779/35 <a href="#">↗</a>
		[ ajouter une source ]
		[ ajouter ]

# Phase II, propriétés

[ [WD:P] ]

- List: [ [WD:P] ]
- Description: Property: namespace (ex.) ; translations more or less accurate
- Manual, constraints: talk page (ex.)
- Property proposal: [ [WD:PP] ]
- instructive reading: Help:Basic membership properties
- Community decision-making :
  - Project chat
  - Requests for comments.

Property Discussion Read Labels list View history ☆ Search

**head of government** [edit]

head of the executive power of a town, city, municipality, state, country, or other governmental body [edit]

Also known as: mayor president prime minister premier [edit]  
first minister head of national government

In other languages

français	chef de l'exécutif [edit]
	personne publique chargée du pouvoir exécutif (quel que soit le niveau, y compris national) [edit]

Data type: Item

Property Discussion Read Edit Add topic View history ☆ Search

## Property talk:P6

**Target items of "head of government (P6)" should have a statement with "main type (GND) (P107)":** If [item A] has this property with value [item B], [item B] is required to have property "main type (GND) (P107)"

Exceptions are possible, but generally not desirable. Usually these exceptions are errors.  
List of this constraint violations: Database reports/Constraint violations/P6

**Item:** items with this property should also have **main type (GND) (P107) = geographical feature (Q818123)**

Report: Magnus' query site (based on full database dumps)  
Report: Magnus' toolserver query (may lag, empty page = no results)

Exceptions are possible, but generally not desirable. Usually these exceptions are errors.  
List of this constraint violations: Database reports/Constraint violations/P6

This property is being used by:

- cs:Šablona:Infobox kraj

Please notify the projects which use this property before big changes (deletion, merge with another property etc.)

• Screenshot: <https://www.wikidata.org/wiki/Property:P6>

• Screenshot: [https://www.wikidata.org/wiki/Property\\_talk:P6](https://www.wikidata.org/wiki/Property_talk:P6)

# Phase II, data

[[Special:ListDatatypes]]

Datatypes, depending on property:

- item,
- Commons media,
- string,
- time (precision: from the billion years to the second),
- Globe coordinate,
- URL
- number,
- monolingual text,
- multilingual text,
- number with unit...

# Phase II, projects

Wikimedia projects integrated to Wikidata :

- Wikipedia
- Wikivoyage
- Commons
- Wikisource
- Wiktionary
- etc.

# Phase II, usage

Using Wikidata data on Wikipedia:

- parser function `{{#property:PROPRIETE}}`
- scripts `Lua mw.wikibase`

Example of use: Occitan Wikipedia (see)



# Phase II, usage

## Data export

- RDF/Turtle

wda-export-data.py of the wda toolkit

# Phase III, lists

Automatic updating and translation  
of list.

future feature

# Édition

[[WD:T]]

- [edit]
- Editing aids
  - gadgets
  - tools
  - etc.
- Queries
- Visualization

# Éditing interwikis

gadgets

## **Move**

Adds a move tool to the sitelink edit toolbar to move a sitelink to another item.

## **Merge**

This script adds a tool for merging items

## **slurpInterwiki**

Import interwikis from a Wikipedia.

# Éditing data

gadget

## LabelLister

Show and edit labels, descriptions and aliases from other languages.

The screenshot displays the LabelLister gadget interface. The main window, titled "Labels list", shows a table of labels for Q13354. The table has columns for "#", "Label", "Description", and "Alias". The "en" row is highlighted, showing the label "Yucatec Maya language" with the description "A Mayan language spoken in the Yucatán Peninsula" and aliases "Yucatek Maya" and "Maya language".

#	Label	Description	Alias
af	Mayathan		
ca	Yukatek		
de	Mayathan		
en	Yucatec Maya language	A Mayan language spoken in the Yucatán Peninsula	Yucatek Maya   Maya language
en-ca	Yucatec Maya language		
en-gb	Yucatec Maya language		
eo	Jukatana majaa lingvo		
es	maya	lengua amerindia derivada del tronco mayense	
eu	Yucatanango maia hizkuntza		Yucateco   Yucateko maia hizkuntza

The edit form, titled "Labels list", is shown in the foreground. It includes fields for "Language code: en", "Label:", "Description:", and "Alias:". The "Label:" field contains "Yucatec Maya language", the "Description:" field contains "A Mayan language spoken in the Yucatán Peninsula", and the "Alias:" field contains "Yucatek Maya" and "Maya language". There are also fields for "Add aliases:" and "Remove aliases:", and a "Delete all" checkbox.

- *File:LabelLister.png*, By screenshot: Akkakk (screenshot) [Public domain], via Wikimedia Commons
- *File:LabelLister-2.png*, By screenshot: Akkakk (screenshot) [Public domain], via Wikimedia Commons

# Éditing data

[ [WD:T] ]

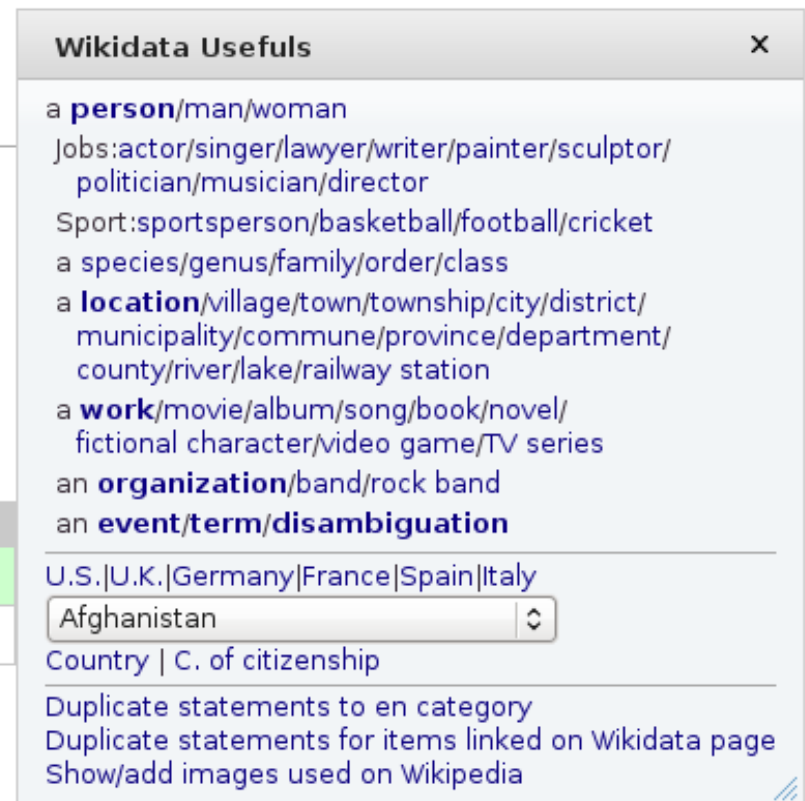
## Wikidata Usefuls

Adds a box of quick “add statement” links to the right side of the page. Entity and phylogeny types, countries (location and citizenship). Also, tries to load and display a blurb from en or de wikipedia.

- add the following line into your `common.js` :

```
importScript( 'User:Magnus Manske/wikidata_useful.js' );
```

- customizable, see the code



# Éditing data

[ [WD:T] ]

## missing props

For certain item types (e.g. "book"), list all the potential but missing properties. Click on one to add it.

- add the following line into your `common.js` :

```
importScript( 'User:Magnus Manske/missing props.js' );
```

- customizable, see the code

The screenshot shows the Wikidata edit page for the item 'David Holmqvist'. The page is in French. At the top, there are tabs for 'Élément' and 'Discussion'. Below the tabs, the name 'David Holmqvist' is displayed with a '[ modifier ]' link. Underneath, the description 'joueur de hockey-sur-glace suédois' is shown with another '[ modifier ]' link. There is also an 'Alias : [ ajouter ]' link. The 'Autres langues' section contains two input fields for the language 'English', one for 'saisir un libellé' and one for 'saisir une description', each with '[ enregistrer|annuler ]' and a help icon. The 'Déclarations' section is a table with two rows. The first row is for 'type principal (GND)' with the value 'personne q215627' and a '[ modifier ]' link. Below this value is a link '1 source' and an '[ ajouter ]' link. The second row is for 'sexe' with the value 'masculin q6581097' and a '[ modifier ]' link. Below this value is a link '1 source' and an '[ ajouter ]' link. At the bottom of the page, there is a list of 'Add' buttons for various properties: 'Add "nom de famille"', 'Add "prénom"', 'Add "pays de nationalité"', 'Add "date de naissance"', 'Add "date de décès"', 'Add "lieu de naissance"', 'Add "lieu de décès"', 'Add "nom de naissance"', 'Add "profession"', and 'Add "domaine d\'activité (personne)"'. Each button has a corresponding '[ ajouter ]' link.

# Query

[ [WD:T] ]

## WikiDataStats

Makes queries in the database (limited to 1000 items).

- <http://toolserver.org/~magnus/ts2/wdstats/>

WikiDataStats

Examples: [TV shows by genre](#) | [books by instance](#)

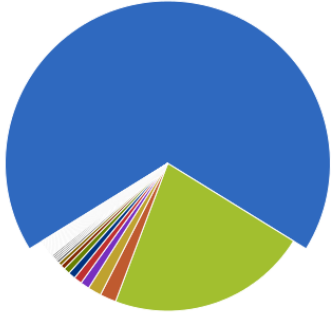
### Conditions

Find each item that

has property  (place of burial) with item  (Père Lachaise Cemetery) [Remove](#)

[Add condition row](#) [Run query](#) [Permalink](#)

Show distribution by  as  separate  combined entities



- Belgium (0.69% / 7 items)
- United States of America (0.49% / 5 items)
- Switzerland (0.39% / 4 items)
- Russia (0.30% / 3 items)
- Armenia (0.20% / 2 items)
- Greece (0.20% / 2 items)
- Austria (0.20% / 2 items)
- Turkey (0.20% / 2 items)
- Norway (0.10% / 1 item)
- Ecuador (0.10% / 1 item)
- Bohemia (0.10% / 1 item)
- Iran (0.10% / 1 item)
- Denmark (0.10% / 1 item)
- Dominica (0.10% / 1 item)
- Dominican Republic (0.10% / 1 item)
- Netherlands (0.10% / 1 item)
- Guatemala (0.10% / 1 item)
- Republic of Ireland (0.10% / 1 item)
- El Salvador (0.10% / 1 item)

Click on a pie slice to get a list of the items within.

### Items in fraction "France"

1. [André Masséna](#) (q242609)
2. [Alexandre Stavisky](#) (q245802)
3. [Jean Baptiste Joseph Delambre](#) (q246517)
4. [Gaston Planté](#) (q250936)
5. [Charles-François Daubigny](#) (q252357)
6. [Marie d'Agoult](#) (q253453)
7. [Raymonde de Laroche](#) (q255315)
8. [Auguste Anicet-Bourgeois](#) (q255324)
9. [Marie Anne Lenormand](#) (q262106)
10. [Charles Oudinot](#) (q262812)
11. [Pierre Auguste Cnt](#) (r265665)



# Query

[[WD:T]]

## WikiDataQuery

API to query item-property-item links recursively (e.g. "all bridges in Germany") (documentation).

Result format is JSON.

- <http://208.80.153.172/wdq/>

The screenshot shows the WikiDataQuery interface. At the top, it says "WikiDataQuery" and "Main page". Below that, it says "Build your query (see the API for more details about queries):". There are two sections for adding steps. The first section is "Claim" and "have any of the following claims, and/or". It has a table with "Property" and "Item" columns. The first row has "place of burial" and "Père Lachaise Cemetery". The second section is "No claim" and "have none of the following claims". It also has a table with "Property" and "Item" columns. The first row has "sex" and "female". The second row has "sex" and "male". Below the configuration, it shows the query: "Query: `claim[119:311] AND noclaim[21:6581072,21:6581097]` (Permalink/API) | Update manually". The "Results" section shows a list of 23 items: 1. Carita, 2. Clary family, 3. Lanjuinais family, 4. Joseph-Elisabeth Lanjuinais, 5. Jules Géveiot, 6. Jules Miot (politicien français), 7. Justin de Chasseloup-Laubat, 8. Louis-François Turgy, 9. Louis-Jean-Samuel Joly de Banneville, 10. Louis-Marie de Belleyme, 11. Lucienne Heuvelmans, 12. Léon Frot, 13. Léon Laya, 14. Marie-Thérèse Bourgoïn (actrice française), 15. Marie François Rouyer, 16. Marie de Heredia (écrivain française), 17. Norbert Rillieux, 18. Moreau de Mersan, 19. Nicolas-Marie Gatteaux, 20. Nicolas-Pierre Tiolier, 21. Olivier d'Ormesson, 22. Paul-Henri Lanjuinais, 23. Paul-Henri Marron.

# Visualisation

[[WD:T]]

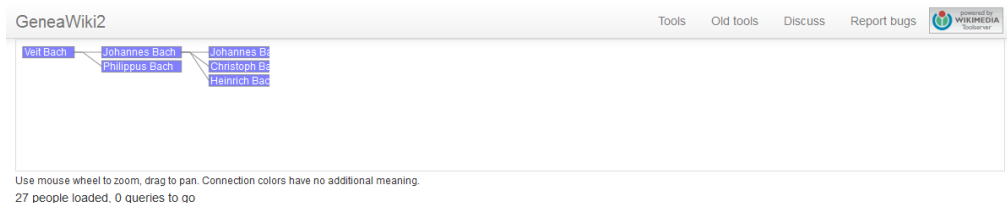
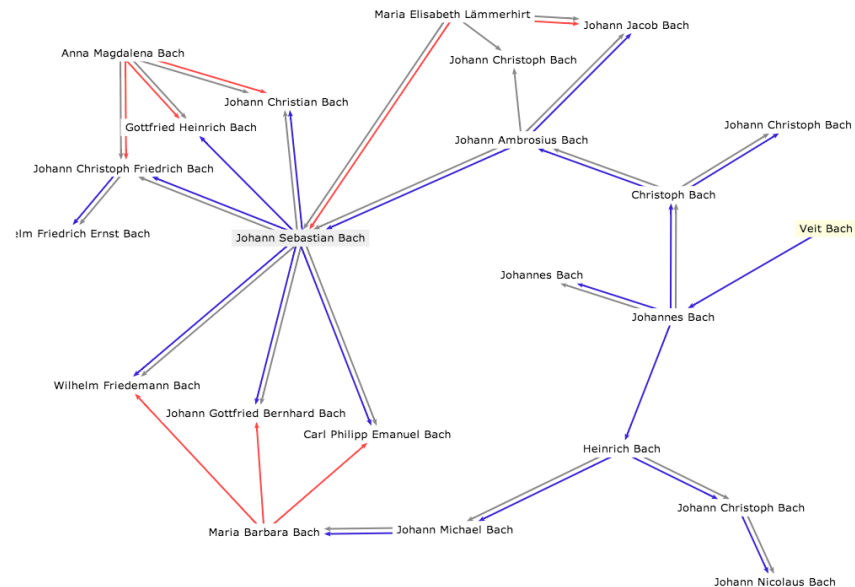
## GeneaWiki

Simple graph viewer showing genealogy information in WikiData. Starting from a single person, it will try and construct the family tree according to father, mother, and child statements.

- <https://toolserver.org/~magnus/ts2/geneawiki/>

family tree, very small window:

- <https://toolserver.org/~magnus/ts2/geneawiki2/?q=Q1339>



• *File:GeneaWiki screenshot Bach.png*, By Magnus Manske (Own work) [CC-BY-SA-3.0 (<http://creativecommons.org/licenses/by-sa/3.0/>)], via Wikimedia Commons  
• Screenshot: <https://toolserver.org/~magnus/ts2/geneawiki2/?q=Q1339>

# Visualisation

[[WD:T]]

## Reasonator

Pretty display of Wikidata items.

- <http://tools.wmflabs.org/reasonator/>

Reasonator Tools Olde tools Git Discuss

Item [Johann Sebastian Bach](#) (Q1339)

### Johann Sebastian Bach

Jean-Sébastien Bach | Еган Бах | Бах, Йоганн Себастиан | Бах | Бах, Йоганн Себастиан | Bach | J. S. Bach | JS Bach | ج

claviciniste, organiste et compositeur allemand  
masculin compositeur /organiste from Allemagne [See the full family tree](#)


#### Relatives

<b>Parents</b>	<b>Siblings</b>
<b>père</b> ♂ <a href="#">Johann Ambrosius Bach</a> wo	<b>frère</b> ♂ <a href="#">Johann Jacob Bach III</a> wo
<b>mère</b> ♀ <a href="#">Eisabeth Lemmerhirt</a> wo	♂ <a href="#">Johann Christoph Bach III</a> wo

<b>Children</b>	<b>Other</b>
<b>enfant</b> ♂ <a href="#">Wilhelm Friedemann Bach</a> wo	<b>conjoint</b> ♀ <a href="#">Anna Magdalena Bach</a> wo
♂ <a href="#">Carl Philipp Emanuel Bach</a> wo	♀ <a href="#">Maria Barbara Bach</a> wo
♂ <a href="#">Johann Christian Bach</a> wo	<b>grand-parent</b> ♂ <a href="#">Christoph Bach</a> wo
♂ <a href="#">Johann Gottfried Bernhard Bach</a> wo	of ♂ <a href="#">Johann Sebastian Bach</a> wo
♂ <a href="#">Johann Christoph Friedrich Bach</a> wo	
♂ <a href="#">Gottfried Heinrich Bach</a> wo	

#### Other properties

<b>lieu de naissance</b>	Eisenach Ville d'Allemagne
<b>lieu de décès</b>	Leipzig commune allemande
<b>catégorie Commons</b>	Johann Sebastian Bach
<b>lieu d'enterrement</b>	Église Saint-Thomas de Leipzig édifice religieux allemand
<b>localisation des archives</b>	archives Bach de Leipzig
<b>date de naissance</b>	mardi 1 mai 1685



*Johann Sebastian Bach*

GND	11850553X
LCCN	n79021425
ISNI	0000 0001 2276 4157
BNF	118897907
IMDb	nm0001925
VIAF	12304462
SUDOC	026699656
NDL	00432003
NLA	000035011573
MusicBrainz	9635-4d58-a4d4-9413f9f98a4c
ICCU	ITVCCUVCFM077206
fr	<a href="#">Johann Sebastian Bach</a>
en	<a href="#">Johann Sebastian Bach</a>
de	<a href="#">Johann Sebastian Bach</a>
es	<a href="#">Johann Sebastian Bach</a>
it	<a href="#">Johann Sebastian Bach</a>
pl	<a href="#">Johann Sebastian Bach</a>
pt	<a href="#">Johann Sebastian Bach</a>
ja	<a href="#">ヨハン・ゼバスティアン・バッハ</a>
ru	<a href="#">Бах, Йоганн Себастьян</a>
hu	<a href="#">Johann Sebastian Bach</a>