

# 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

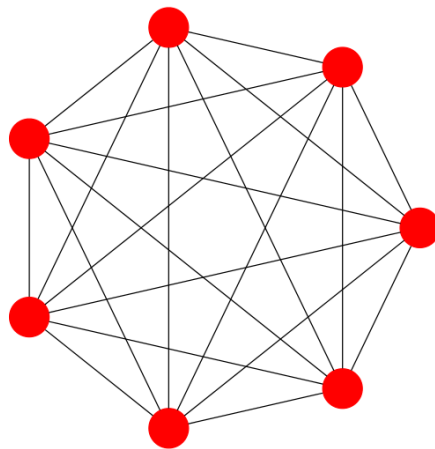
The screenshot shows the Wikipedia article for Victor Hugo. The 'Languages' section is highlighted with a red box, listing various languages such as Адыгэбзэ, Afrikaans, Alemannisch, العربية, Aragonés, Asturianu, Avañe'ẽ, Azərbaycanca, বাংলা, Bân-lâm-gú, Башҡортса, Беларуская, Беларуская (тарашкевіца), Võro, Winaray, עיידיש, Yorùbá, 粵語, Zazaki, Žemaitėška, and 中文. The 'Edit links' button is also visible at the bottom of the list.

- 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)

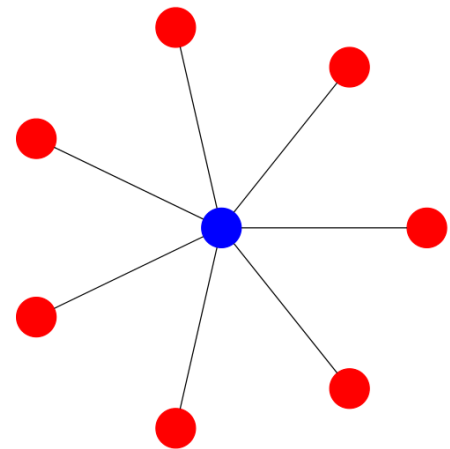
Maintenance by many robots



## New system

Centralized maintenance

Gathering by robots (except  
ambiguity), maintenance by  
hand




• 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, interlanguage links



- 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'ê
  - Azərbaycanca
  - বাংলা
  - Bân-lâm-gú
  - Башҡортса
  - Беларуская
  - Беларуская (тарашкевіца)
  - Võro
  - Winaray
  - ייִדיש
  - Yorùbá
  - 粵語
  - Zazaki
  - Žemaitėška
  - 中文

Article Talk

## Victor Hugo

From Wikipedia, the free encyclopedia

**Victor Marie Hugo** (*French* pronun Hugo's literary fame comes first f France, his best-known works ar Though a committed royalist whe trends of his time. He was buried

### Contents

- 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
  - 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 Franche-Comté). Hugo was a frei <sup>[*citation needed*]</sup>.

Hugo's childhood was a period of

Two famous musicians of the 19t piano – with only one finger. Hugu

Although for various reasons the 2007<sup>[10]</sup> and in a full orchestral v

Well over one thousand musical the interest of many composers 1 *Gioconda* (1876).<sup>[12]</sup>

Hugo's novels as well as his play *End's* longest running musical. A

## Former system Wikipedia

- [[af:Victor Hugo]]
- [[als:Victor Hugo]]
- [[an:Victor Hugo]]
- [[ar:فيكتور هوغو]]
- [[arz:فيكتور هوغو]]
- [[ast:Victor Hugo]]
- [[az:Viktor Hüqo]]
- [[bat-smg:Victor Hugo]]
- [[ba:Гюго, Виктор]]
- [[be-x-old:Віктор Юго]]
- [[be:Віктор Гюго]]
- [[bg:Виктор Юго]]
- [[bn:ভিক্টর হগো]]
- [[br:Victor Hugo]]
- [[bs:Victor Hugo]]
- [[bxr:Гюго, Виктор]]
- [[ca:Victor Hugo]]
- [[cdo:Mì-káik-dṳ̌-U-gū]]ō
- [[ce:Гюго, Виктор]]
- [[ckb:فيكتور هوگو]]
- [[cs:Victor Hugo]]
- [[cv:Виктор Гюго]]
- [[cy:Victor Hugo]]
- [[da:Victor Hugo]]
- [[de:Victor Hugo]]
- [[diq:Victor Hugo]]
- [[el:Βίκτωρ Ουγκώ]]
- [[en:Victor Hugo]]

## New system Wikidata

### Victor Hugo

French poet, novelist, and dramatist

Also known as: Victor Marie Hugo

### Wikipedia pages linked to this item

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-smgwiki	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 হগো <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-ngṳ̄	cdowiki	Mì-káik-dṳ̌-U-guō <span>[edit]</span>
нохчийн	cewiki	Гюго, Виктор <span>[edit]</span>
کوردی	ckbwiki	فيكتور هوگو <span>[edit]</span>
češsky	cswiki	Victor Hugo <span>[edit]</span>
ЧӀавашла	cvwiki	Виктор Гюго <span>[edit]</span>
Сұтраег	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>

# 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 item page for Victor Hugo. Red arrows point from the text on the left to the following elements on the right:

- Arrow 1: Points to the item title "Victor Hugo".
- Arrow 2: Points to the description "French poet, novelist, and dramatist".
- Arrow 3: Points to the "Also known as" field containing "Victor Marie Hugo".
- Arrow 4: Points to the "Wikipedia pages linked to this item" section header.

The screenshot also shows the Wikidata interface with tabs for "Item", "Discussion", "Read", and "View history", a search bar, and a language selector set to "English". A table of interlanguage links is visible at the bottom of the screenshot.

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'ê  
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: [viktoʁ 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

- Personal life
- Writings
- Political life and exile
- Religious views
- Victor Hugo and music
- Declining years and death
- Drawings
- Memorials
- Works
  - Published during Hugo's life
  - Published posthumously
  - Online texts
  - Online audio
- References
  - Online references
- Further reading
- External links

### Personal life

Hugo was the third son of Joseph-François Hugo (1751–1827), 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 poverty and hardship. His father was a failed politician and his mother was a failed actress. Two famous musicians of the 19th century were his half-brothers: Louis-Hugues and Pierre-Hugues. Hugo was a pianist – with only one finger. Hugo was a composer and a singer. Although for various reasons the French Revolution was in its trends of his time. He was buried in the Pantheon in Paris.

Well over one thousand musical settings of his works have been composed, the interest of many composers was renewed by his opera *Gioconda* (1876).<sup>[12]</sup>

Hugo's novels as well as his play *Les Misérables* are among the world's longest running musicals. A

## Victor Hugo

French poet, novelist, and dramatist

Also known as: Victor Marie Hugo

### Wikipedia pages linked to this item (130 entries)

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

• 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

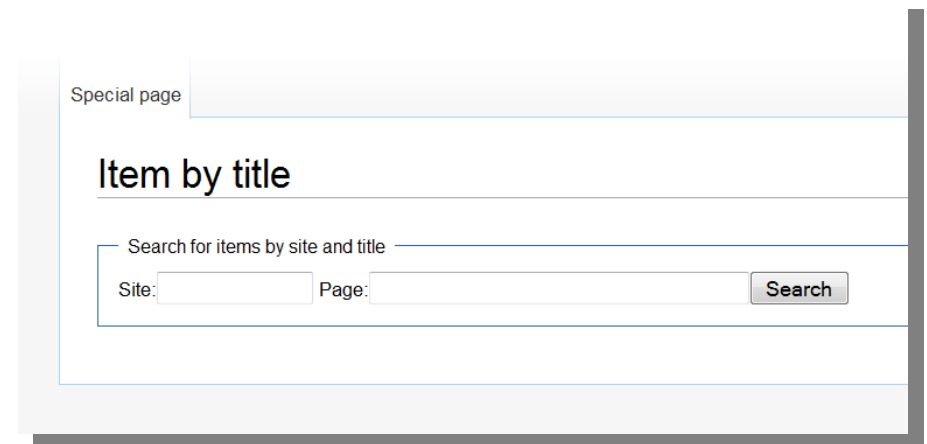
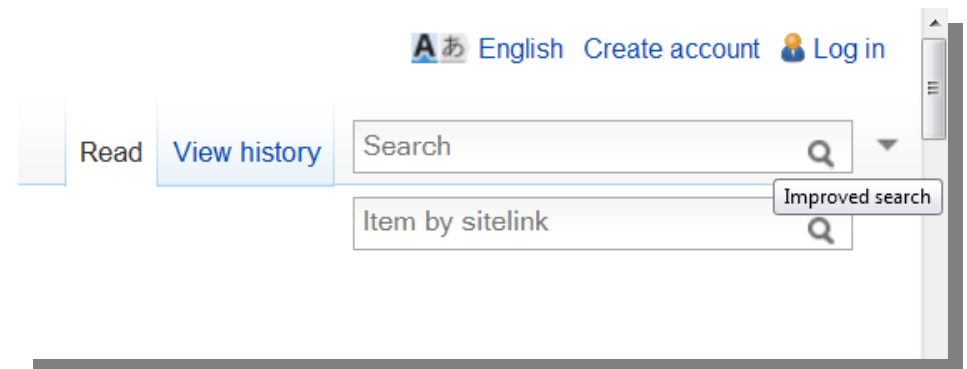
- [[Special:ItemByTitle]]

- **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])

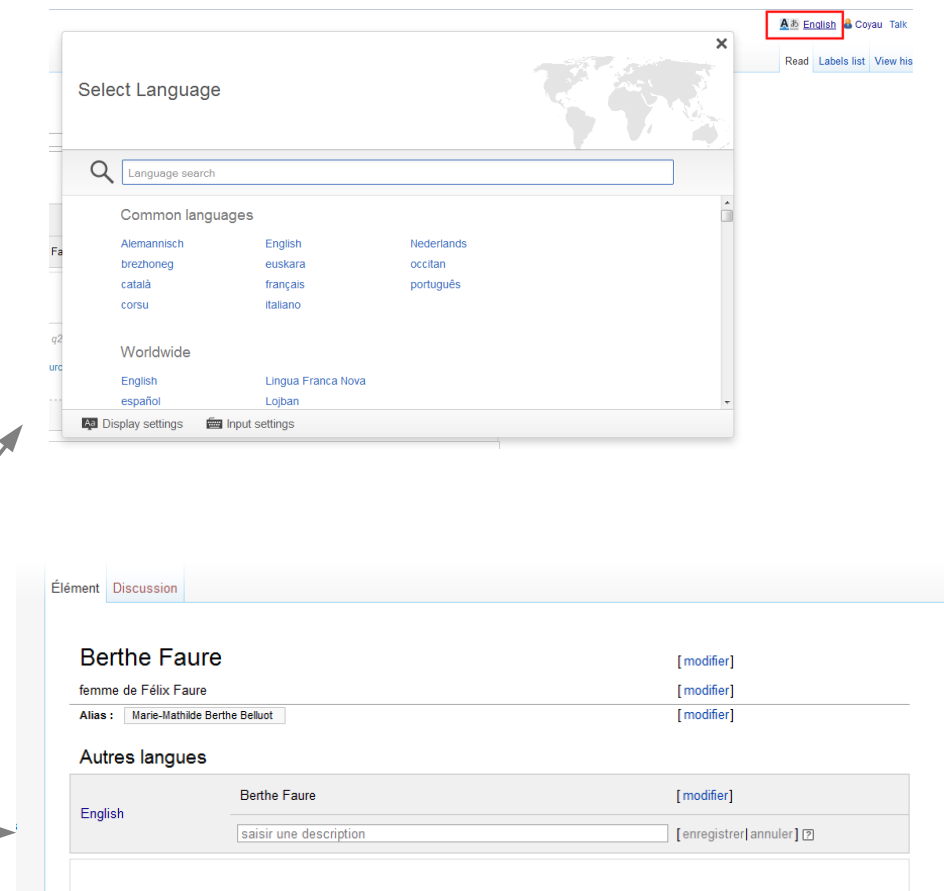
[https://www.wikidata.org/wiki/Special:ItemByTitle/frwiki/Victor\\_Hugo](https://www.wikidata.org/wiki/Special:ItemByTitle/frwiki/Victor_Hugo)





# 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}}`



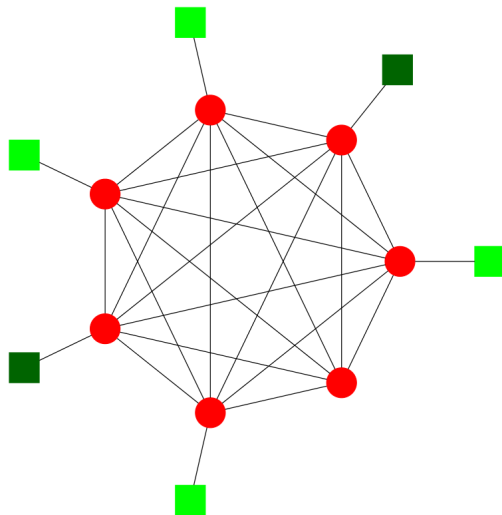
# Phase II, infoboxes

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

## Former system

Disseminated data (280 Wikipedias)

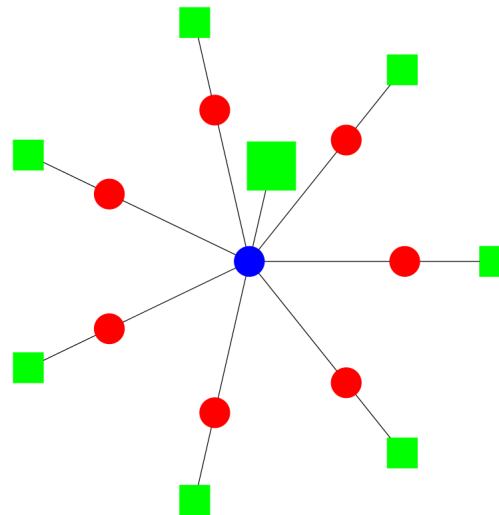
Variable update depending on Wikipedias



## 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>	
	<span>saisir une description</span> <span>[enregistrer annuler]</span> <span></span>	
<b>Déclarations</b>		
type principal (GND)	persone <span>q215627</span> <span>[modifier]</span>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
sexe	féminin <span>q6581072</span> <span>[modifier]</span>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
pays de nationalité	France <span>q142</span> <span>[modifier]</span>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
lieu d'enterrement	cimetière du Père-Lachaise <span>q311</span> <span>[modifier]</span>	
	catégorie Commons <span> </span> Grave of Félix Faure <span></span>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
conjoint	Félix Faure <span>q296076</span> <span>[modifier]</span>	
	date de début <span> </span> 10 juillet 1865 <sup>réponser</sup>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
date de naissance	21 février 1842 <span>[modifier]</span>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
date de décès	1920 <span>[modifier]</span>	
	<span>↗ 0 source</span> <span>[ajouter une source]</span>	
	<span>[ajouter]</span>	
nom de naissance	Marie-Mathilde Berthe Belluot <span>[modifier]</span>	
	<span>↗ 0 source</span> <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 Grégorien
	▼ 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](#) [☆](#)

**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

<a href="#">français</a>	<a href="#">chef de l'exécutif</a> <a href="#">[edit]</a>
	<a href="#">personne publique chargée du pouvoir exécutif (quel que soit le niveau, y compris national)</a> <a href="#">[edit]</a>

Data type: Item

Property [Discussion](#) [Read](#) [Edit](#) [Add topic](#) [View history](#) [☆](#)

## 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**

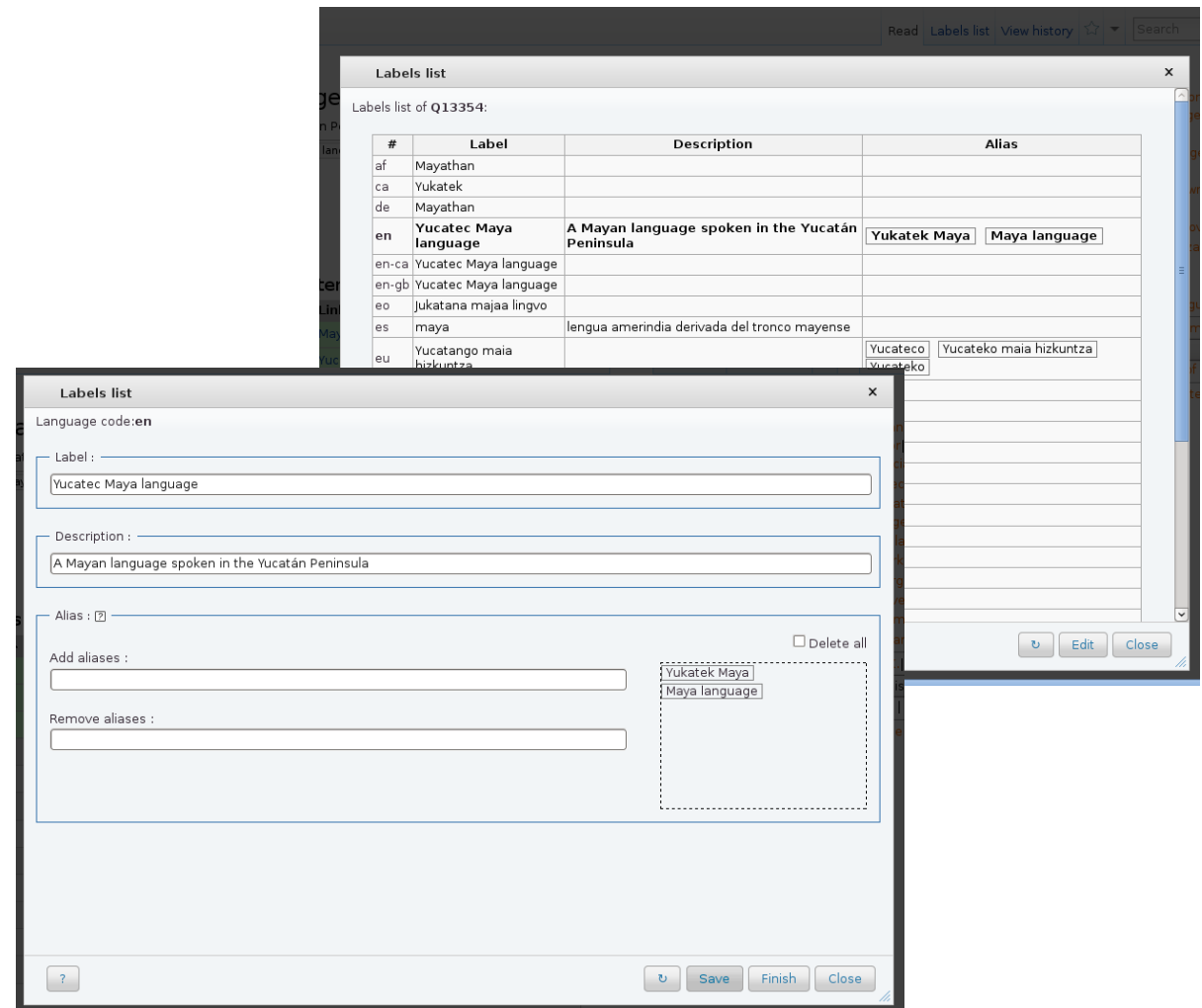
Import interwikis from a Wikipedia.

# Éditing data

gadget

## LabelLister

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



- *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 item name 'David Holmqvist' is displayed with a '[ modifier ]' link. Underneath, the description 'joueur de hockey-sur-glace suédois' is shown with another '[ modifier ]' link. An 'Alias' section has an '[ ajouter ]' link. The 'Autres langues' section has two input fields for 'English', one for 'saisir un libellé' and one for 'saisir une description', each with '[ enregistrer|annuler ]' and a help icon. The 'Déclarations' section shows two rows: 'type principal (GND)' with value 'personne q215627' and 'sexe' with value 'masculin q6581097'. Each row has a '[ modifier ]' link and a '[ ajouter ]' link. Below this, there is a list of missing properties with 'Add' buttons: '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)"'. The bottom of the page is partially cut off.

# 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](#)

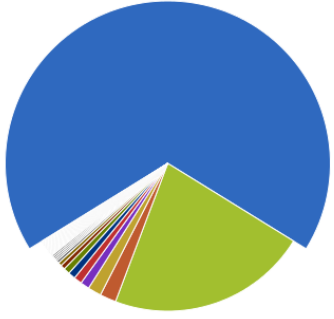
### Conditions

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 "Build your query (see the API for more details about queries)". Below this, there are two query steps. The first step is "Claim" with a dropdown menu set to "have any of the following claims, and/or". It has two columns: "Property" and "Item". The "Property" column has "place of burial" and the "Item" column has "Père Lachaise Cemetery". The second step is "No claim" with a dropdown menu set to "have none of the following claims". It also has two columns: "Property" and "Item". The "Property" column has "sex" and the "Item" column has "female" and "male". Below the query configuration, there is a "Query" field containing the query string: "claim[119:311] AND noclaim[21:6581072,21:6581097]". Below the query, there is a "Results" section. The results are a list of 23 items, each with a blue link to its Wikidata page. The items are: 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 Turgot, 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]]

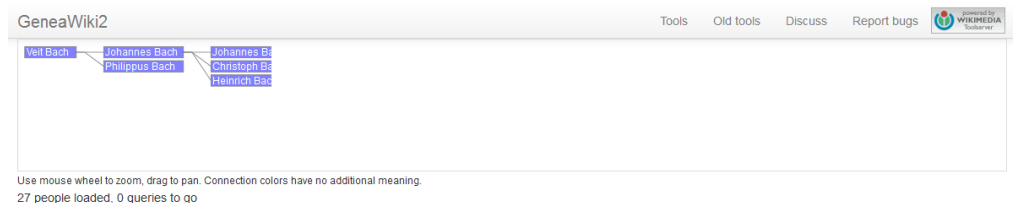
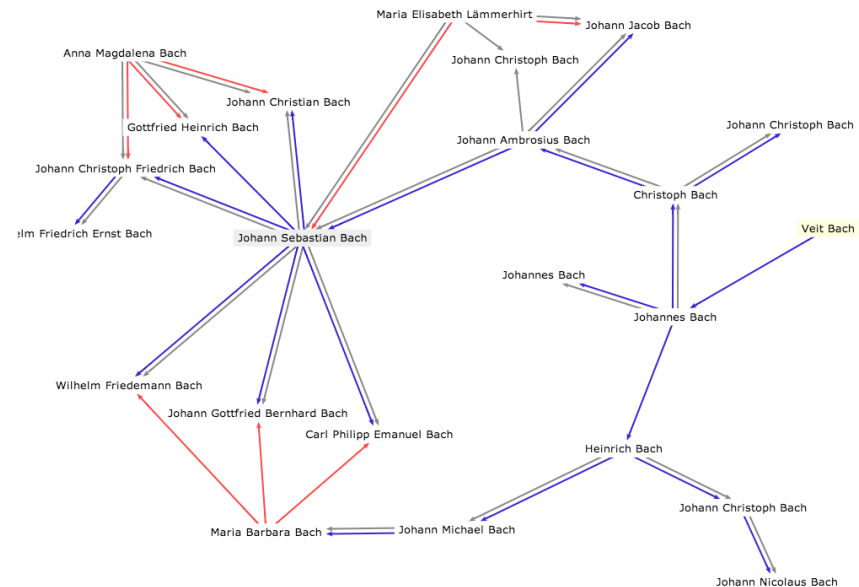
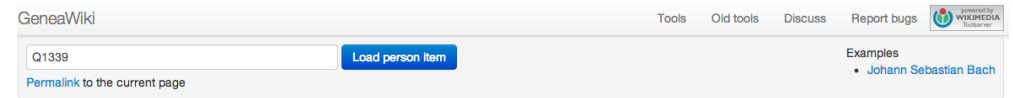
## GeneaWiki

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>



# 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](#)  
24f1766e-  
MusicBrainz [9635-4d58-a4d4-9413f9f98a4c](#)  
ICCU [ITVCCU:CFIV077206](#)

fr [Johann Sebastian Bach](#)  
en [Johann Sebastian Bach](#)  
de [Johann Sebastian Bach](#)  
es [Johann Sebastian Bach](#)  
it [Johann Sebastian Bach](#)  
pl [Johann Sebastian Bach](#)  
pt [Johann Sebastian Bach](#)  
ja [ヨハン・ゼバスティアン・バッハ](#)  
ru [Бах, Йоганн Себастьян](#)  
hu [Johann Sebastian Bach](#)