

Wikidata-powered infoboxes on Catalan Wikipedia

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<https://w.wiki/WP9>

What is an infobox?


[:en:Help:Infobox](https://en.wikipedia.org/wiki/Help:Infobox)

Aberystwyth



Etimologia Riu Ystwyth

Localització



Wikimedia | © OpenStreetMap

52°25′00″N, 4°04′00″O﻿ / ﻿

Estat	Regne Unit
Pais	Gal·les
Principal area of Wales	Ceredigion

Geografia

Forma part de	Ceredigion
Banyat per	Cardigan Bay i Riu Ystwyth
Limita amb	Clarach Bay

Indicatiu

Codi postal	SY23
Prefix telefònic	01970

Altres dades

Agermanament	[amaga]
	Kronberg im Taunus
	Saint-Brieuc
	Esquel

Catalan Wikipedia

ca.wikipedia.org

- 650k articles
- 24M editions
- 1300 active users
- 22 admins

Source

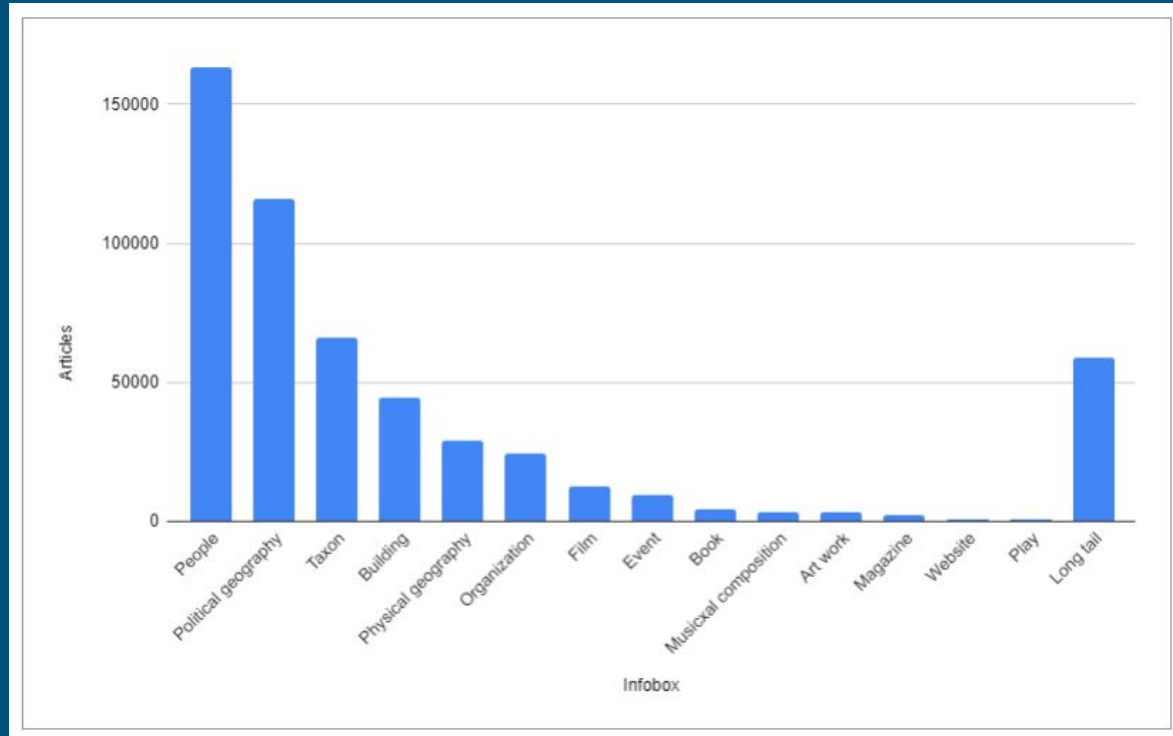


Statistics



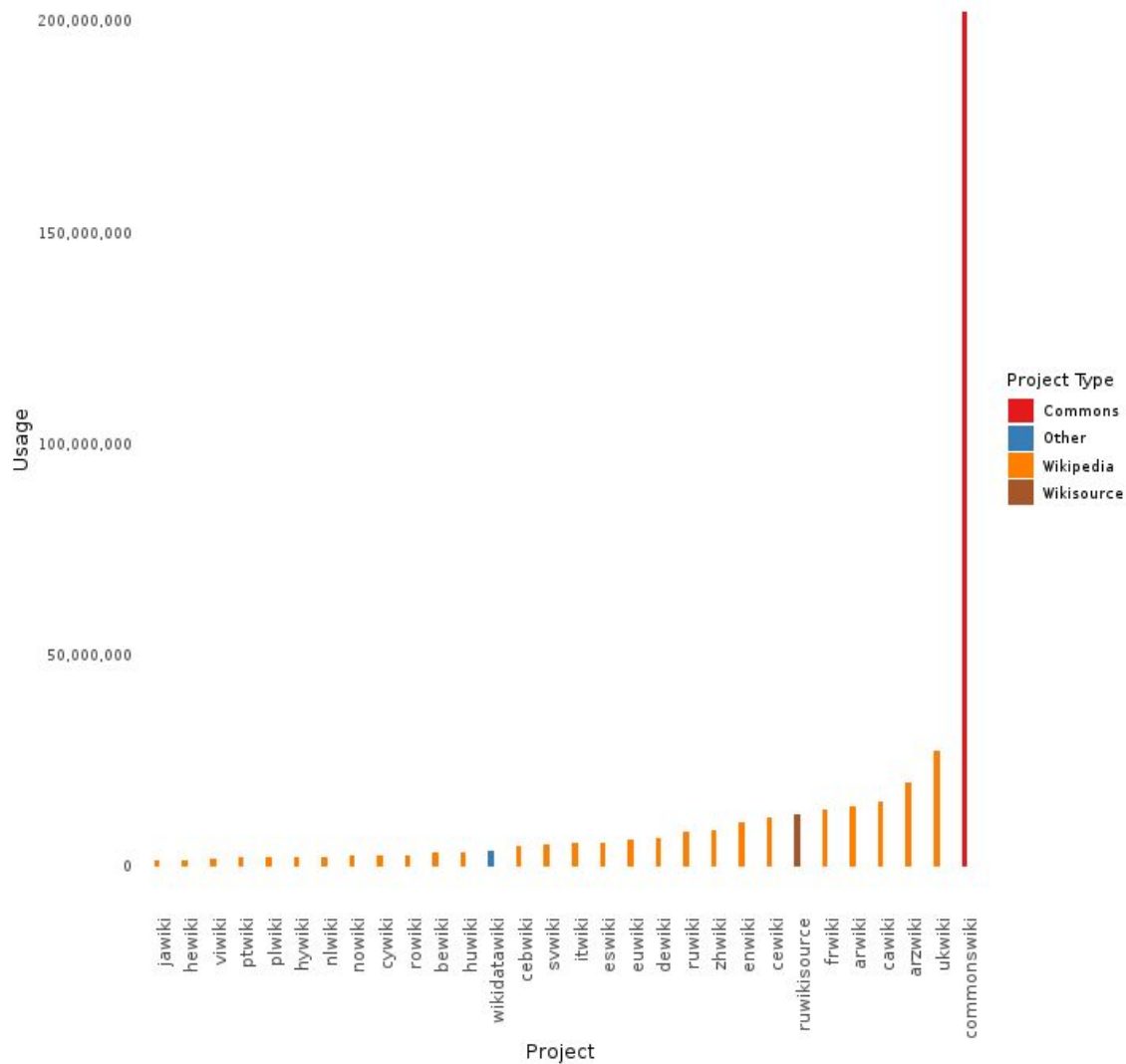
Statistics

	2018	2020
ARTICLES WITH INFOBOX	458.059	536.819
TOTAL ARTICLES	582.326	651.337
PERCENTAGE	78,7%	82,4%



Comparison with other wikipedias

[Source](#)





Design



Biographies

Organizations

Culture

Science & Technology

Geography

Buildings & Structures

Events

Organisms



Technology



Technology:



We have:

[Module:Wikidades](#) ([Q86580938](#))

[Module:Infobox](#) ([Q13107716](#))

[Template:Infobox](#) ([Q5626735](#))

The project

- Started in december, 2014
- 10 users involved
- 300+ deprecated infoboxes ([example](#))
- [80 wikidata-powered infoboxes created](#)
- Up to 100 parameters imported by a single infobox
- [Extensive use](#)
- More wikidata-powered infoboxes → more info to Wikidata
- Recommended infoboxes for starting: people, places, buildings ...
- Some of the infoboxes are very very complex

La guerra dels mons

The War of the Worlds

The WAR of the WORLDS
By H.G. Wells
Author of "Under the Earth," "The Time Machine," etc.



Tipus llibre

Fitxa tècnica

Autor H.G. Wells

Llengua anglès

Publicació Regne Unit, 1898

Editorial Heinemann

Edicions Q41530078

Detalls de l'obra

Gènere novel·la de ciència-ficció i ciència-ficció

Nominacions i premis

Premis NPR Top 100 Science Fiction and Fantasy Books

Sèrie

← L'home invisible

The Sleeper Awakes, Edison's Conquest of Mars i
Fighters from Mars →

Before

:ca: Pau Casals i Defilló

After

```
{{Infotaula de persona
|imatge      = Pablocasals.jpg
|data_naixement = {{Data naixement|1876|12|29}}
|data_defuncio = 22-10-1973
|sepultura   = Cementiri d[[el Vendrell]]
|pares       = [[Carles Casals i Riba]]<br/>[[Pilar
Defilló Amiguet]]
|instrument  = [[Violoncel]], violí, piano, flauta
|ocupacio    = [[Pedagog]], [[director
d'orquestra|director]] i [[compositor]]
|lloc_web    = http://www.paucasals.org
}}
```

```
{{Infotaula de persona}}
```



At what cost?



Before

```
{{Infobox
| name      = Infobox number

| title     = {{PAGENAME}}

| image     = [[File:{{{image|}}} |size=250x100px]]
| caption  = {{{caption|}}}

| label1    = Type
| data1     = {{{type|}}}

| label2    = Eponym
| data2     = {{{eponym|}}}

...
}}
```

```
{{Infobox
| name    = Infobox number

| title   = {{PAGENAME}}

| image   = [[File:{{#invoke:Wikidata |claim |property=P18 |value={{image}}} |list=false }}
|size=250x100px]]
| caption = {{#invoke:Wikidata |claim |property=P18 |qualifier=P2096 |formatting=ca }} }}

| label1  = Type
| data1   = {{#invoke:Wikidata |claim |property=P31 |value={{type}}} }}

| label2  = Eponym
| data2   = {{#invoke:Wikidata |claim |property=P138 |value={{eponym}}} }}

...
```

... and after

Let's analyze it:

```
{{#invoke:Wikidata | claim | property=P31 | value={{type}}}}
```

Segur <https://www.wikidata.org/wiki/Q712986>

Statements

instance of	natural number ...	edit
	followed by 64 ...	
	follows 62 ...	
	0 references	+ add reference
	odd number ...	edit
	followed by 65 ...	
	follows 61 ...	
	0 references	+ add reference
	centered octahedral number ...	edit
	0 references	+ add reference
	22-gonal number ...	edit
	0 references	+ add reference
	composite number ...	edit
	0 references	+ add reference
		+ add value



7 Seixanta-tres

Tipus	nombre natural, nombre senar, nombre octaèdric centrat, nombre 22-gonal i nombre compost
Propietats	
Valor	63
Factorització	$3^2 \times 7$
Altres numeracions	
Numeral romà	LXIII
Binari	111111 ₂
Hexadecimal	3F ₁₆
← seixanta-dos seixanta-quatre →	

(Q712986)

:ca:Seixanta-tres



What properties do we
import?



Example

Common name, scientific name, image (+caption), audio (+caption), video (+caption), means of locomotion, gestation period, color, main food source, this taxon is source of, life expectancy, habitat, host, generation time, length, height, mass, wingspan **MICROORGANISMS** -> ICTV virus genome composition,

discoverer, illness, Gram staining **GENETICS** -> ploidy, genome size

MUSHROOMS -> hymenium type, mushroom cap shape, hymenium attachment, stipe character, spore print color, mushroom ecological type, edibility **PLANTS** ->

is pollinated by, is pollinator of, flower color, has fruit type **FOSSILS** -> temporal range start, temporal range end, IUCN conservation status **NOMENCLATURE** ->

parent taxon, taxon name, taxon rank, taxon author, author citation, botanist author abbreviation, date of taxon name publication, taxonomic type,

nomenclatural status, original spelling, named after, basionym, this zoological name is coordinate with, taxon synonym, replaced synonym, ex taxon author,

gender of a scientific name of a genus, original combination **DISTRIBUTION** -> taxon range map image (+caption), endemic to.

Orangutan de Borneo

Pongo pygmaeus



Estat

Extinta Amenacada Risc mitjà

EX EW **CR** EN VU NT LC

En perill greu

Taxonomia

Super-regne	Eukaryota
Regne	Animalia
Fílum	Chordata
Classe	Mammalia
Ordre	Primates
Família	Hominidae
Gènere	<i>Pongo</i>
Espècie	<i>Pongo pygmaeus</i>

LINNAEUS, 1760

Distribució





Diamant



Fórmula química C
Epònim Invincible

Classificació

Categoria Mineral
Nickel-Strunz 10a ed. 1.CB.10a
Nickel-Strunz 9a ed. 1.CB.10a
Nickel-Strunz 8a ed. I/B.02
Dana 1.3.6.1

Propietats

Hàbit cristal·li Octàedre
Simetria cubic-hexoctahedral
Grup espacial space group 227
Massa molar 12,01 grams per mol
Exfoliació {111}
Fractura fractura concoïdal
Duresa 10
Color de la ratlla blanc
Densitat 3,51 i 3,515
Índex de refracció 2,418
Estatut IMA mineral heretat (G)

Coreà

한국어 i 조선말

Parlants

Parlants 73.233.270
nadius



Classificació lingüística

llengües humanes
 llengües coreanes

Característiques

Sistema d'escriptura Hangul i Hanja

Dialectes dialecte de Seül, llengua jeju, Chungcheong dialect, Gyeongsang dialect, Korean language in China, Koryo-mar, Zainichi Korean language i Pyongan dialect

Institució de normalització Institut Nacional de Llengua Coreana

Estudiat per estudis coreans

Codis

ISO 639-1 ko
ISO 639-2 kor
ISO 639-3 kor
Glottolog kore1280
Linguasphere 45-AAA-a
IETF ko

More samples



Pros and cons



Pros

- Easy to add
- Help standardize articles
- Take advantage of Wikidata
- It really helps improve Wikidata

Cons

- There is some (technical) work to create them
 - There are some parameters not handled by Wikidata
 - There is some tweaking required for plural, capital letters, feminine forms ...
-

Next steps



- en wikipedia
- More wikidata-powered templates
- Less wikidata-powered templates
- [Cross-wiki infoboxes](#)

Work in progress

- Same code in every wiki
- Translations in WD
- Synchronised improvements
- [Info](#), [samples](#) and [help](#)

Related projects



Wikidata Bridge

Cancel **edit Altitude** Apply changes

Altitude

 meters

Prototype

Small wiki toolkits

Wikidata-powered Infoboxes

Creating or improving Wikipedia infoboxes is easier and faster using the data from [Wikidata](#) and, in turn, benefits Wikidata. A few solutions for using Wikidata-powered infoboxes are listed below:

- [Template: DataBox](#): It is a [Lua](#)-based module and a fully automated solution for creating an infobox using Wikidata content, specially designed for small Wikipedias. It doesn't require any configuration changes and knowledge of Lua for using it unless you want to customize it to meet your local wiki needs.
- [Wikidata-powered infoboxes on Catalan Wikipedia](#): They are multilingual and easier to use on other Wikipedias. See more information in this [presentation](#).
- [Template: Wikidata infobox](#): It is mostly used on [Wikimedia Commons](#) and slightly less on [English Wikipedia](#) in the Category pages. It uses wikitext to pull data from Wikidata. As it depends on many other modules, it is challenging to port this template to another wiki.

See [Wikidata:Infobox Tutorial](#) for a tutorial on how to create Wikidata-powered infoboxes.

Global templates



Thanks to

[[User:Mike Peel]] + [[User:Amadalvarez]]
+ [[User:Theklan]] + [[User:Vriullop]]

Q & A

