

# Wikidata: Wikimedia's knowledge graph and your Rosetta Stone for the web

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**01**

# **What is Wikidata?**

- One of the largest Wikimedia projects
- Data is used in a lot of technology you use every day
- Data available under CC0
- Made for humans and machines
- Multilingual
- Collaborative
- Free and open knowledge graph

The screenshot shows the Wikidata main page. At the top, there's a navigation bar with 'English', 'Not logged in', 'Talk', 'Contributions', 'Create account', and 'Log in'. Below that, a search bar and a 'Search Wikidata' button are visible. The main content area features a large network graph with nodes and edges. A central grey box contains the text: 'Welcome to Wikidata', 'the free knowledge base with 94,975,076 data items that anyone can edit.', and 'Introduction • Project Chat • Community Portal • Help'. Below this, there are three colored boxes: a green 'Welcome!' box, a blue 'Learn about data' box, and a red 'Get involved' box. The 'Learn about data' box includes a grid of images (Earth, a document, and Mount Everest) and text about developing data literacy. The 'Get involved' box includes a link to the community portal. On the left side, there's a sidebar with the Wikidata logo and various navigation links like 'Main page', 'Community portal', 'Project chat', etc.



# Maya Angelou

**Maya Angelou** (Saint Louis, Missouri, 4 d'abril de 1928 - Winston-Salem, Carolina del Nord, 28 de maig de 2014) va ser una poeta, novel·lista, activista pels drets civils, actriu i cantant dels EUA.<sup>[1]</sup> Va ser professora de literatura i estudis americans a la Universitat Wake Forest, a Carolina del Nord.

**Contingut** [amaga

- Biografia
- Curiositats
- Obra
- Referències
- Enllaços externs

## Biografia [modifica

Marguerite Ann Johnson va néixer el 4 d'abril de 1928 a Saint Louis, Missouri i va créixer a Arkansas. La seva mare exercí de prostituta durant un temps, però més tard ho va deixar. Als vuit anys, Maya va ser violada pel llavors company de la seva mare i el seu agressor va ser colpejat fins a la mort. Aquests successos van constituir un acte traumàtic, que va provocar a Maya un mutisme patològic. Aquesta etapa de la seva vida és relatada en la seva novel·la autobiogràfica: *I know why the Caged bird sings* ('Sé per què canta l'ocell engabiats'), publicada el 1970. Angelou hi relata la seva infantesa al costat d'una àvia puritana, la relació complicada amb la mare i el seu embaràs sent una adolescent soltera de 16 anys. En plena situació de mudesa, descobreix la vocació per la llengua. Roman muda durant cinc anys, fins que una professora aconsegueix que torni a parlar, després de convèncer-la que només podrà apreciar les lletres si és capaç de parlar novament.

De la seva primera novel·la, se'n van vendre més d'un milió d'exemplars arreu del món i va inspirar una versió cinematogràfica homònima, *I know why the Caged bird sings*,<sup>[2]</sup> que segueix la seva autobiografia. Hi descriu les dificultats d'una mare soltera, inestable en els llocs de treball i en les relacions amoroses.

El 1940, Angelou se'n va a viure amb la seva mare a San Francisco. A finals dels anys 50, com descriu en *The heart of a woman* ('El cor d'una dona'), aconsegueix una carrera d'èxit com a cantant, ballarina, actriu, directora de revistes, activista dels drets civils, poeta i novel·lista. En gairebé totes les seves obres, denuncia el racisme i exalta el valor, la perseverança, la supervivència i la pròpia estimació. Va rebre nombrosos premis i títols honorífics. El 1993, va llegir el seu poema *On the Pulse of Morning* en la presa de possessió del president Bill Clinton.

Als anys 1960, Angelou va mantenir un romanç amb el llibertador sud-africà Vusumzi Make, amb qui va viure a Egipte, i publicà la revista setmanal *The Arab Observer*. Martin Luther King la convidà a participar formant la *Southern Christian Leadership Conference* (Conferència Meridional del Lideratge Cristià).

B. B. King, Ben Harper, i Quincy Jones, entre d'altres, han musicat textos seus.

La van postular per als premis Grammy en la categoria de llibres gravats, al Premi Tony pel seu treball en *Broadway Look away* i a un Emmy per la minisèrie *Arrels*. Fou autora del guió i la música del film *Geòrgia, Geòrgia*.

Al matí del 28 de maig de 2014 a Winston-Salem, Carolina del Nord, la seva cuidadora va trobar morta Angelou. Feia poc que havia anunciat que no es trobava bé i havia cancel·lat diverses de les seves aparicions públiques.

## Curiositats [modifica

- Va fer un cameo en *Els Simpson*, en el capítol 3 de la dotzena temporada, juntament amb actors com Tom Clancy i Amy Tan. També apareix en un capítol de la sèrie animada *The Cleveland Show*.
- Se l'esmenta en la cançó *La Vie Bohème*, al final del primer acte de *Rent*, musical compost per Jonathan Larson.

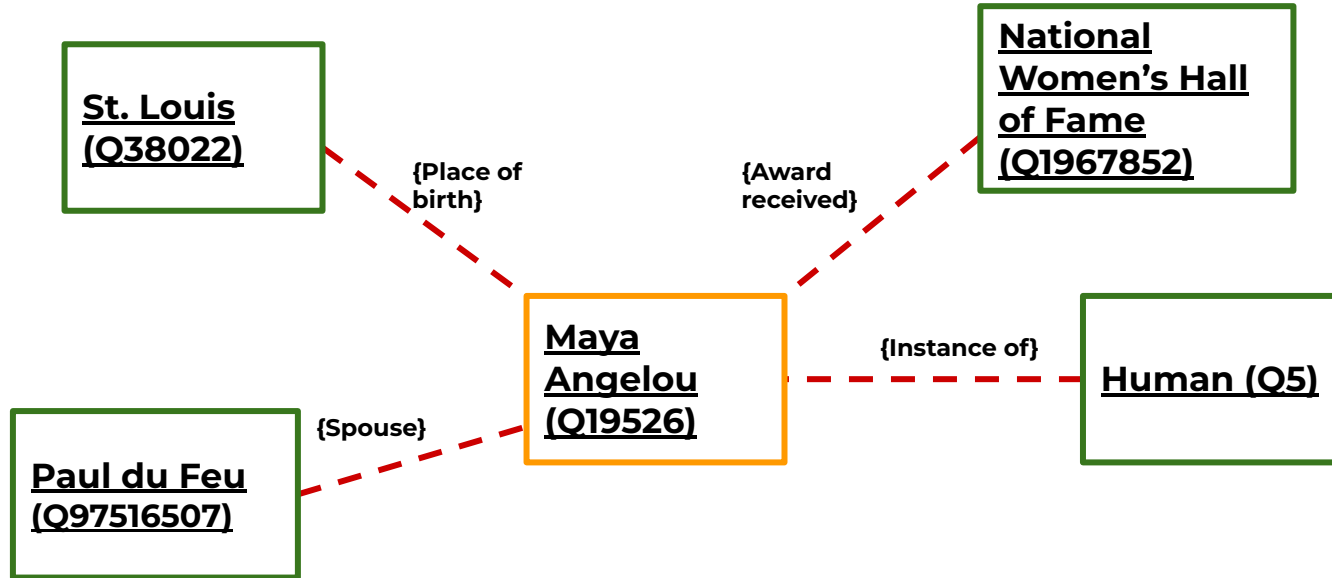
## Obra [modifica

<div><span><span></span></span></div> <div>Maya Angelou</div>	
<span></span> <div></div>	
Biografia	
Naixement	<span>(en)</span> <span>Marguerite Annie Johnson</span> <span><span></span></span> <div>4 abril 1928 <span><span></span></span></div> <div>Saint Louis (Missouri) <span><span></span></span></div>
Mort	28 maig 2014 <span><span></span></span> (86 anys) <div>Winston-Salem (Carolina del Nord) <span><span></span></span></div>
Causa de mort	Malaltia <span><span></span></span>
Dades personals	
Grup ètnic	Afroamericana <span><span></span></span>
Formació	George Washington High School <span>(en)</span> <span><span></span></span> <span><span></span></span> <div>California Labor School <span>(en)</span> <span><span></span></span> <span><span></span></span></div>
Activitat	
<span>Camp de treball</span>	Poesia i assaig <span><span></span></span>
Ocupació	Política, comedianta, ballarina, productora de cinema, productora de televisió, dramaturga, directora de cinema, catedràtica, guionista, escriptora, assagista, compositora de cançons, autobiògrafa, cantant, actriu de televisió, actriu de teatre, periodista, novel·lista i activista pels drets humans <span><span></span></span>
Activitat	1969 <span><span></span></span> – <span><span></span></span>
Ocupador	tercera persona del singular <span><span></span></span>

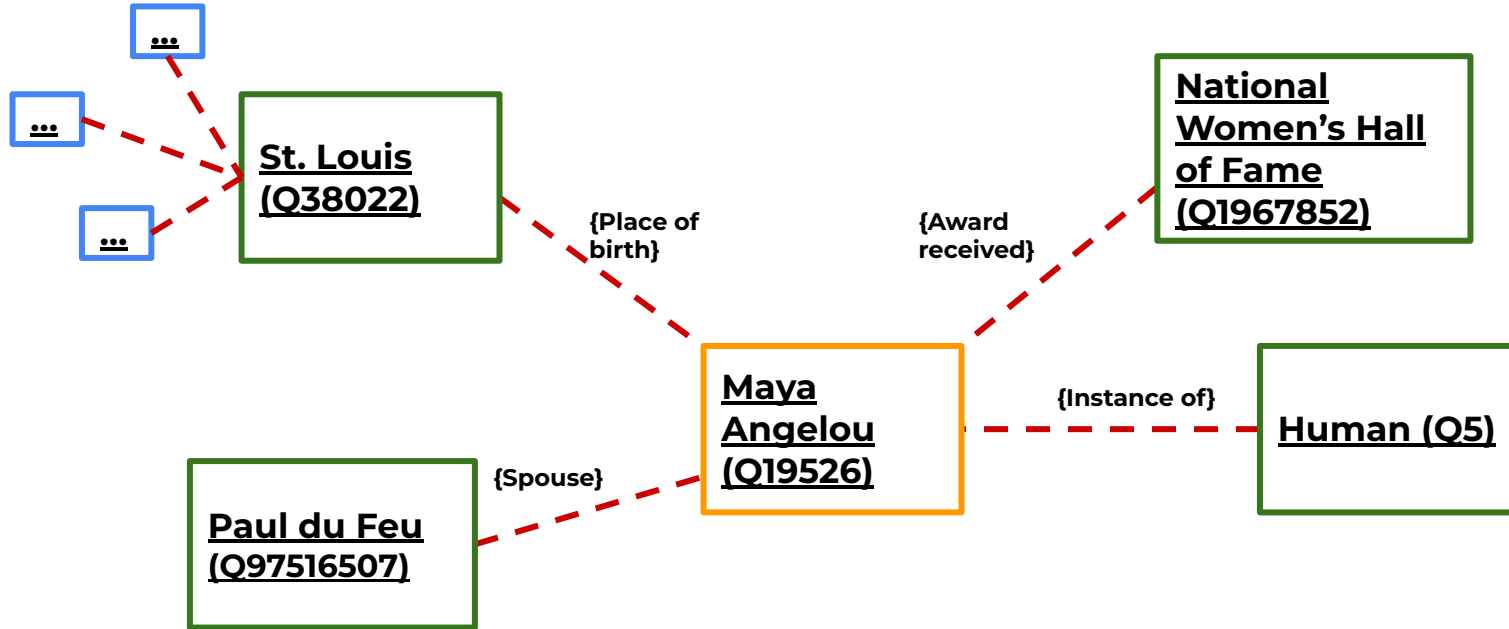
# A knowledge graph

Maya  
Angelou  
(Q19526)

# A knowledge graph



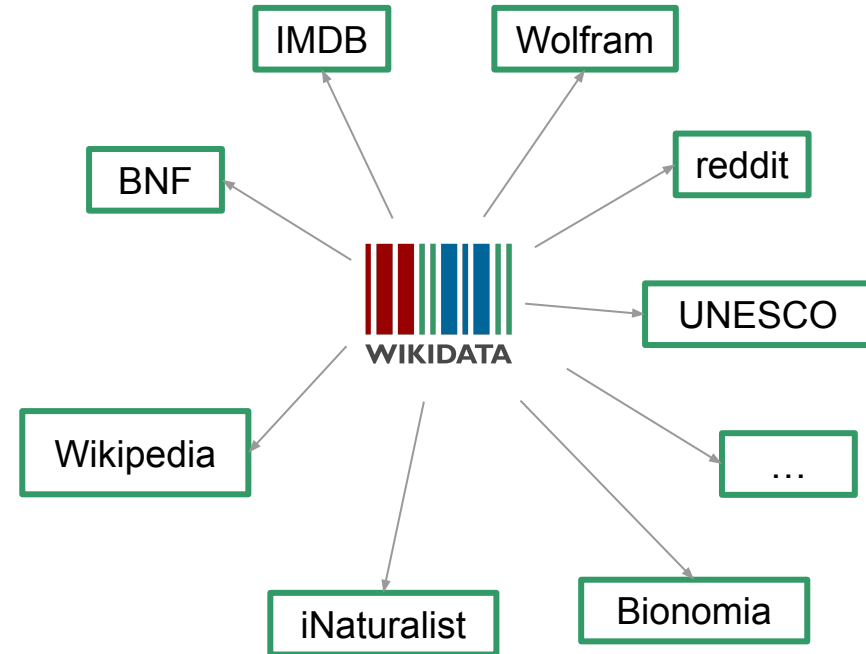
# A knowledge graph





# What makes Wikidata special?

- Anyone (you!) can be a part of it
- More nuanced modeling of the world and focusing on verifiability
- Multilingual (you'll find lots of Qs, Ps, Ls, ...)
- Highly connected internally, to the other Wikimedia projects and to other databases, catalogs, etc. to open up a ton of additional data





**114+ million Items**

# At the heart of it: 24000 editors



**02**

**Let's take a  
closer look**

# Earth (Q2)

[Item](#) [Discussion](#)





[Read](#) [View history](#) ★ [Tools](#) ▼

third planet from the Sun in the Solar System

[edit](#)




[Planet Earth](#) | [World](#) | [Gaia](#) | [Sol III](#) | [Mother Earth](#) | [The Blue Planet](#)



[In more languages](#)



Language	Label	Description	Also known as
default for all languages	No label defined	-	<ul style="list-style-type: none"> <li>δ</li> <li>Terra</li> <li></li> <li></li> <li></li> <li></li> <li>⊕</li> </ul>
English	Earth	third planet from the Sun in the Solar System	<ul style="list-style-type: none"> <li>Planet Earth</li> <li>World</li> <li>Gaia</li> <li>Sol III</li> <li>Mother Earth</li> <li>The Blue Planet</li> </ul>
German	Erde	dritter Planet von der Sonne aus im Sonnensystem	<ul style="list-style-type: none"> <li>Blauer Planet</li> <li>Erdkörper</li> <li>Sol III</li> <li>Sol 3</li> <li>Welt</li> </ul>
Spanish	Tierra	planeta del Sistema Solar, el tercero en orden de distancia al Sol	<ul style="list-style-type: none"> <li>planeta Tierra</li> <li>el globo</li> <li>el mundo</li> <li>mundo</li> <li>la Tierra</li> <li>Gaia</li> <li>el planeta</li> </ul>
Latin	Tellus	tertius planeta a Sole in systemate solari	

[All entered languages](#)







## Statements




instance of	 terrestrial planet	 edit
	<a href="#">▼ 0 references</a>	<a href="#">+ add reference</a>
	 inner planet of the Solar System	 edit
	follows	Venus
	followed by	Mars
	<a href="#">▶ 1 reference</a>	
		<a href="#">+ add value</a>

part of	 Earth-Moon system	 edit
	<a href="#">▼ 0 references</a>	<a href="#">+ add reference</a>
		<a href="#">+ add value</a>

inception	 4540 million years BCE	 edit
	determination method or standard	lead-lead dating
	statement is subject of	age of the Earth
	statement disputed by	Young Earth creationism
	<a href="#">▶ 1 reference</a>	
		<a href="#">+ add value</a>

## Aussagen

ist ein(e)	 erdähnlicher Planet  bearbeiten
	▼ 0 Fundstellen  Fundstelle hinzufügen
	 innerer Planet  bearbeiten
	Vorgänger Venus
	Nachfolger Mars
	► eine Fundstelle
	 Wert hinzufügen

ist Teil von	 Erde-Mond-System  bearbeiten
	▼ 0 Fundstellen  Fundstelle hinzufügen
	 Wert hinzufügen

Datum der Gründung, Erstellung, Entstehung, Erbauung	 4540 Millionen Jahre v. Chr.  bearbeiten
	Bestimmungsmethode Blei-Blei-Datierung
	beschreibendes Datenobjekt Alter der Erde
	Aussage bestritten von Junge-Erde-Kreationismus
	► eine Fundstelle
	 Wert hinzufügen

highest point



Chimborazo

edit

determination method or standard height	centroid 6,384 metre
elevation above sea level	6,263.47 metre

▶ 1 reference



Mauna Kea

edit

determination method or standard height	foundation 10,203 metre
elevation above sea level	4,205 metre

▶ 1 reference



Aconcagua

edit

elevation above sea level	6,961 metre
---------------------------	-------------

▶ 1 reference



Mount Everest

edit

elevation above sea level	8,848±20 metre
determination method or standard	sea level

▼ 0 references

+ add reference

+ add value



shape



oblate spheroid

edit

sourcing circumstances  
statement is subject of

approximately  
spherical Earth

▼ 0 references

+ add reference



geoid

edit

statement is subject of

figure of the Earth

▼ 0 references

+ add reference



ball

edit

sourcing circumstances

approximately

▼ 0 references

+ add reference



disk

edit

statement supported by  
statement is subject of  
statement disputed by

International Flat  
flat Earth  
Eratosthenes  
Bedford Level experiment  
error



▼ 0 references

+ add reference

+ add value

## Identifiers

VIAF ID	 6270149919445006650001	 edit
	▼ 0 references	+ add reference
		+ add value

National Library of Spain ID	 XX453913	 edit
	subject named as	Tierra (Planeta)
	▶ 1 reference	+ add value

Bibliothèque nationale de France ID	 11975911n	 edit
	subject named as	Terre
	▼ 0 references	+ add reference
	+ add value	


GND ID	 1135962553	 edit
	subject named as	Erde
	▶ 1 reference	+ add value

Wikipedia (315 entries)  edit

- abwiki [Адгыл](#)
- acewiki [Bumoe](#)
- adywiki [Чыгы](#)
- afwiki [Aarde](#) 
- alswiki [Erde](#)
- amwiki [ጠሬታ](#)
- angwiki [Eorðe](#)
- annwiki [Linyoŋ](#)
- anpwiki [धरती](#)
- anwiki [Tierra](#)
- arcwiki [ܐܪܨܐ](#)
- arwiki [الأرض](#) 
- arywiki [أرض](#)
- arwiki [الارض](#)
- astwiki [Tierra](#)
- aswiki [পৃথিবী](#)
- atjwiki [Aski](#)
- avkwiki [Tawava](#)
- awwiki [Ракь \(планета\)](#)
- awawiki [पृथ्वी](#)
- aywiki [Aka pacha](#)
- azbwiki [بَر](#)
- azwiki [Yer](#) 
- banwiki [Gumi](#)
- barwiki [Eadn](#)
- bat\_smgwiki [Žemė](#)
- bawiki [Ep](#)
- bclwiki [Kinaban](#)
- be\_x\_oldwiki [Зямля](#)
- bewiki [Зямля](#) 
- bewwiki [Bumi](#)
- bgwiki [Земя](#) 

Wikibooks (6 entries)  edit

- cswikibooks [Sluneční soustava/Země](#)
- dawikibooks [Solsystemet/Jorden](#)
- fawikibooks [فرهنگ نجوم / منظومه شمسی / زمین](#)
- jawikibooks [地球](#)
- kowikibooks [지구](#)
- rowikibooks [Sistemul solar/Pământ](#)

Wikinews (5 entries)  edit

- arwikinews [تصنيف:الأرض](#)
- dewikinews [Kategorie:Erde](#)
- enwikinews [Category:Earth](#)
- eowikinews [Kategorio:Tero](#)
- ruwikinews [Категория:Земля](#)

Wikiquote (30 entries)  edit

- arwikiquote [الأرض](#)
- azwikiquote [Dünya](#)
- bnwikiquote [পৃথিবী](#)
- bswikiquote [Zemlja](#)
- cawikiquote [Terra](#)
- cswikiquote [Země](#)
- dewikiquote [Erde](#)
- enwikiquote [Earth](#)
- eowikiquote [Tero](#)
- eswikiquote [Tierra \(planeta\)](#)
- etwikiquote [Maa \(planeet\)](#)
- fawikiquote [زمین](#)
- fiwikiquote [Maa](#)
- frwikiquote [Terre](#)
- hiwikiquote [पृथ्वी](#)

**03**

**What is being  
done with the  
data?**

Abo

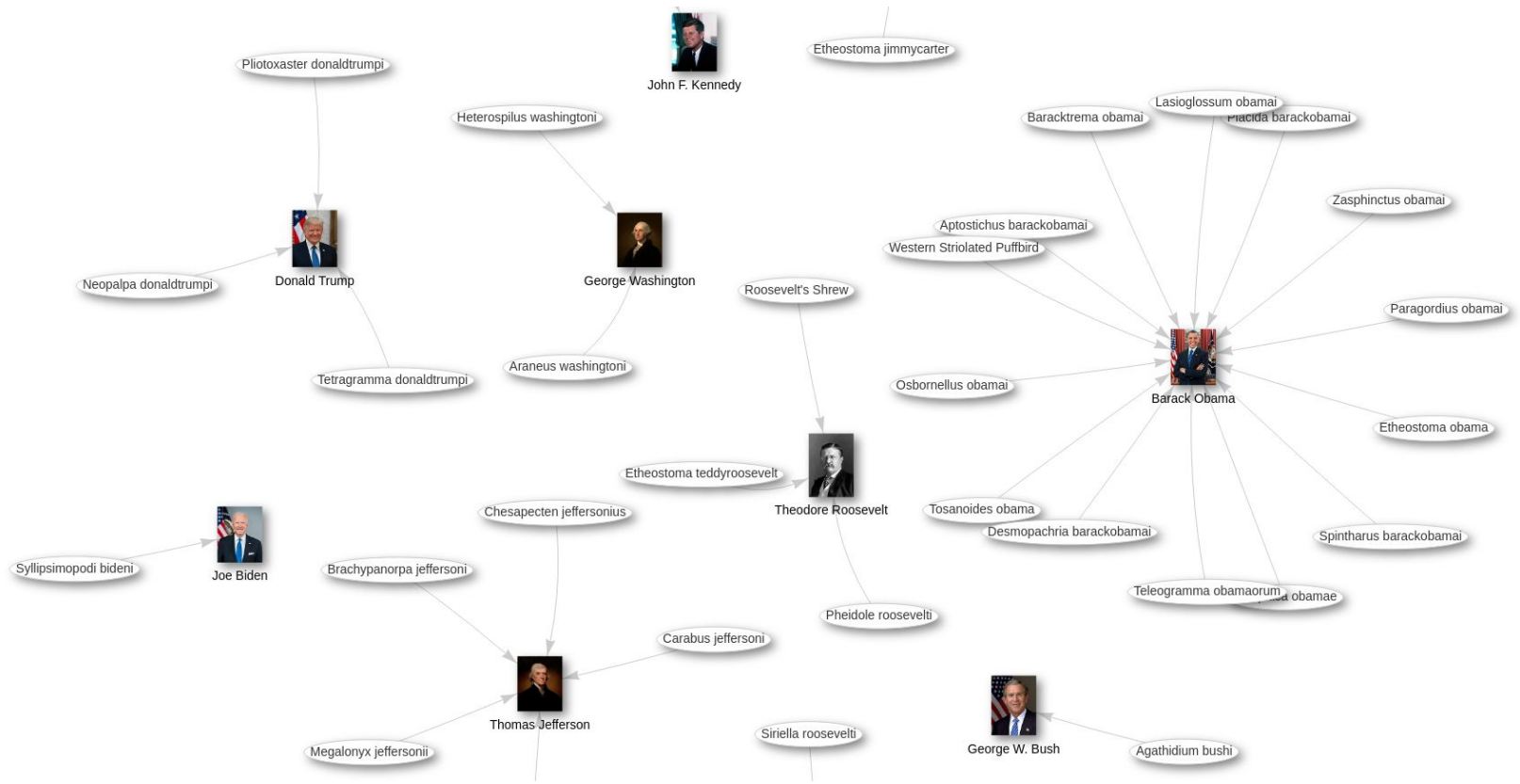
## Die vergessene fünfte Partnerstadt

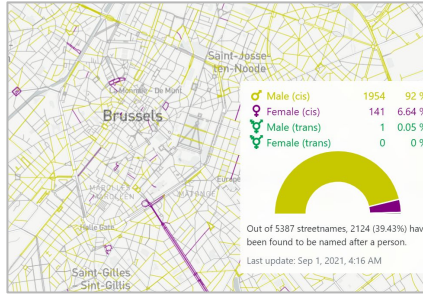
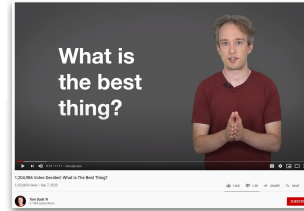
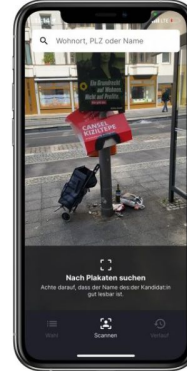
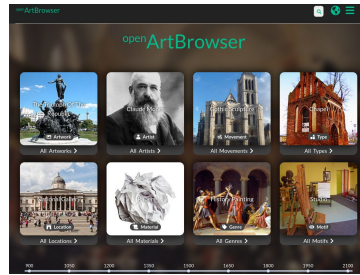
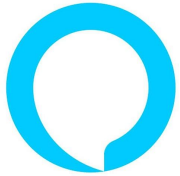
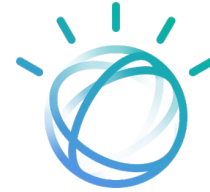
Vier Partnerstädte hat Winterthur – dachte man. Ausgerechnet die grösste und sonnigste, Ontario in Kalifornien, ging verloren. Die Geschichte einer nicht erwiderten Freundschaft.

Michael Graf

Publiziert: 17.10.2018, 16:02







# Wikiflix

WikiFlix

3521 movies and 6907 people in 447 sections. [Movies by year.](#) [Add more!](#)



## Recently Edited



The House I Live In  
[1945; 10 min]



Silent Witnesses  
[1914; 65 min]



The Artist's Dilemma  
[1901; 2 min]



Queen Kelly  
[1928; 101 min]



Eaux d'artifice  
[1953; 12 min]



Her First Biscuits  
[1909; 6 min]



Mixed Babies  
[1908]

## Highly Ranked (# Wikipedia Articles)



Battleship Potemkin  
[1925; 74 min]



It's a Wonderful Life  
[1946; 125 min]



Metropolis  
[1927; 153 min]



The Kid  
[1921; 68 min]



The Gold Rush  
[1925; 96 min]



Nosferatu  
[1922; 94 min]



A Trip to the Moon  
[1902; 16 min]



# KDE Itinerary



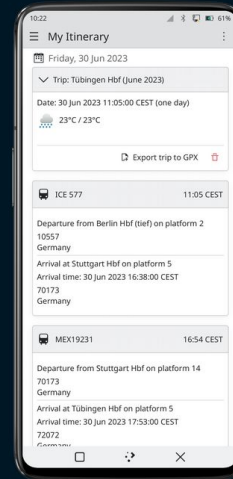
## KDE Itinerary

KDE Itinerary is a digital travel assistant that protects your privacy. It makes collecting all the information about your travel inside a single application easy and straightforward. KDE Itinerary is available for [Plasma Mobile](#) and Android.

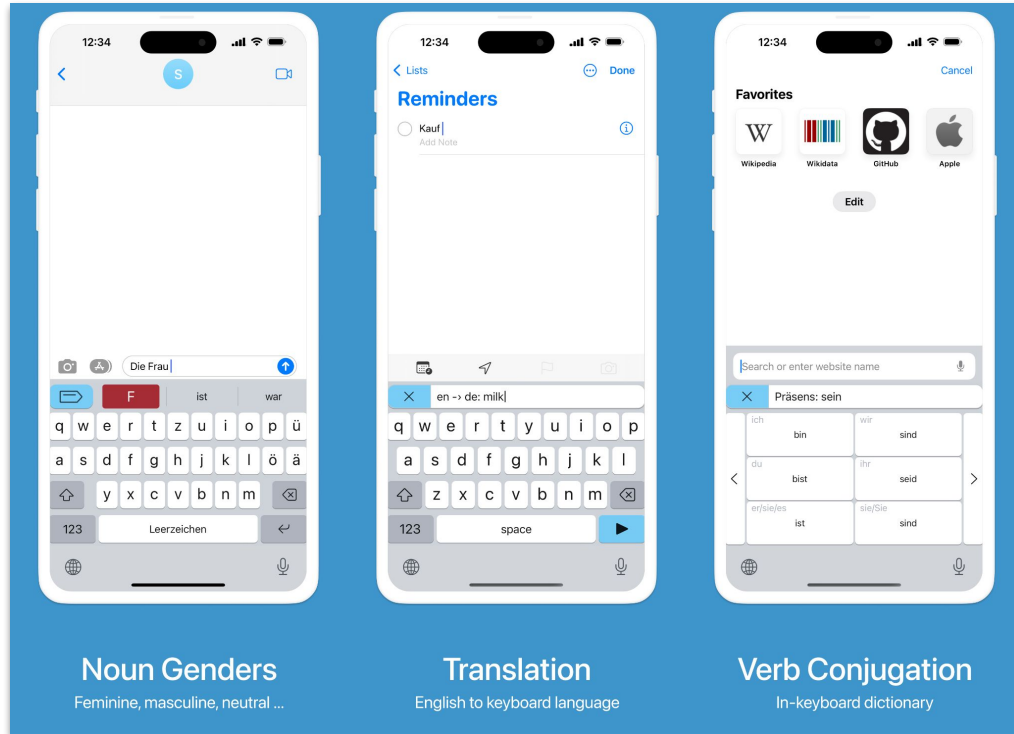
### Store your reservations

Store all the information about your reservations in Itinerary. This includes QR-codes, check-in times, arrival times, real-time delays, seat reservations, coach layout, and more.

Itinerary supports train, bus and flight bookings, as well as hotel, restaurant, event and rental car reservations. Traveling in a group? Not a problem, Itinerary supports multi-traveler bookings.



# Scribe



# Notable People



# Govdirectory

 Govdirectory

Countries

Topics

About

**Get your voice heard!**  
The easiest way to contact your  
government.

Start the conversation now!






[Explore by country](#)

[Explore by topic](#)

Govdirectory is a crowdsourced and fact checked directory of official governmental online accounts and services.

RESEARCH ARTICLE

# The rise and fall of biodiversity in literature: A comprehensive quantification of historical changes in the use of vernacular labels for biological taxa in Western creative literature

Lars Langer<sup>1,2</sup>  | Manuel Burghardt<sup>3</sup>  | Roland Borgards<sup>4</sup> | Katrin Böhning-Gaese<sup>5,6,7</sup>  |  
Ralf Seppelt<sup>2,7,8</sup>  | Christian Wirth<sup>1,7,9</sup> 

<sup>1</sup>Department of Systematic Botany and Functional Biodiversity, Leipzig University, Leipzig, Germany; <sup>2</sup>Department Computational Landscape Ecology, Helmholtz-Centre for Environmental Research GmbH (UFZ), Leipzig, Germany; <sup>3</sup>Computational Humanities Group, Leipzig University, Leipzig, Germany; <sup>4</sup>Department of German Literature, Goethe University, Frankfurt am Main, Germany; <sup>5</sup>Senckenberg Biodiversity and Climate Research Centre, Frankfurt am Main, Germany; <sup>6</sup>Institute of Ecology, Diversity and Evolution, Goethe University, Frankfurt am Main, Germany; <sup>7</sup>German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Leipzig, Germany; <sup>8</sup>Institute of Geoscience & Geography, Martin-Luther-University Halle-Wittenberg, Halle (Saale), Germany and <sup>9</sup>Max-Planck Institute for Biogeochemistry, Jena, Germany

# Getting to the data

There are [several ways to get to Wikidata's data](#). This is a selection.

## REST API

- New way to access and edit data of an individual entity
- Example:  
<https://www.wikidata.org/w/rest.php/wikibase/v0/entities/items/Q1>
- Documentation: [Wikidata:REST API](#)

## SPARQL

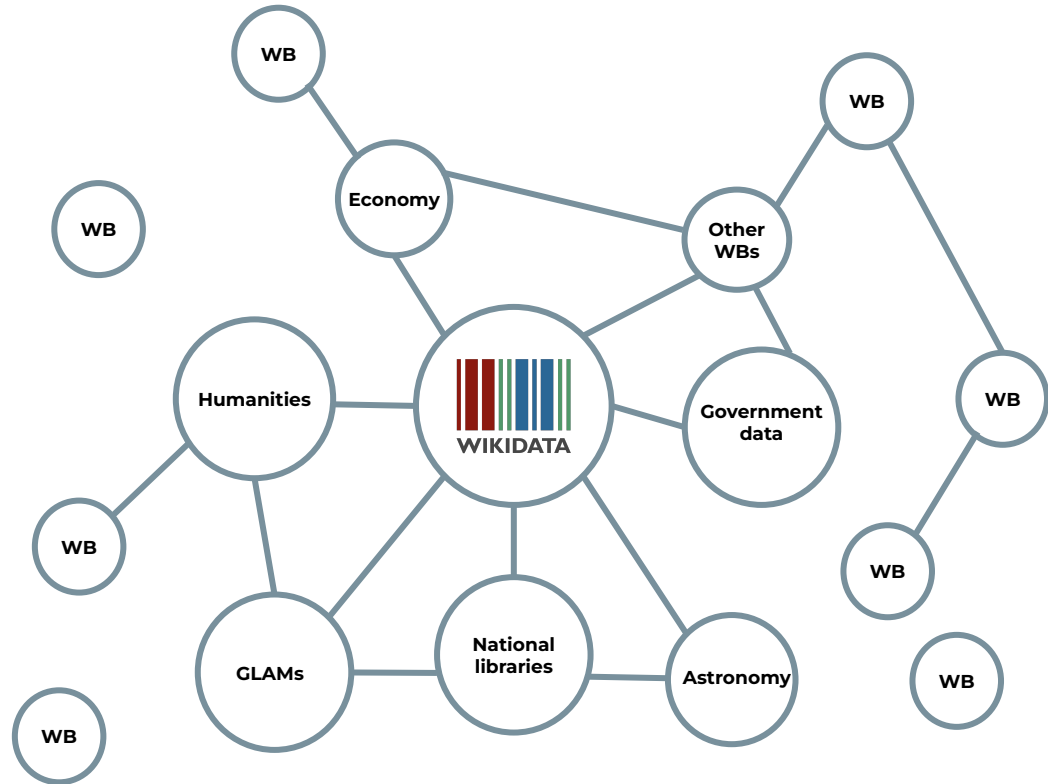
- <https://query.wikidata.org>
- Powerful query language to query the knowledge graph
- Several ways to visualize the result incl. maps and timelines
- [Community can help you write queries](#)

**04**

# Wikibase

# Your own knowledge graph with Wikibase

- Use the same software powering Wikidata to run your own knowledge graph
- Wikibase Cloud: hosted service for free and open projects
- Wikibase Suite: you host it yourself
- For more check <http://wikiba.se>







# Enslaved | Peoples of the Historical Slave Trade

Explore or reconstruct the lives of individuals who were enslaved, owned slaves, or participated in the historical trade.

[Learn More](#)

Start a search across records from the historical slave trade

[Go to Advanced Search](#)

Search for a keyword, a name, a place, an event, or a source



## Journal of Slavery and Data Preservation

*Journal of Slavery and Data Preservation* (JSDP) is a digital academic journal that publishes original datasets about the lives of enslaved Africans and their descendants drawn from the documents produced from the fifteenth to the early twentieth centuries. JSDP is also the method by which data is contributed to Enslaved.org.

## Qichwabase

Welcome to **Qichwabase**, a wikibase instance hosted on [wikibase.cloud](#). It aims to be a knowledge base for the Quechua language and community. It is a collaborative project that is being developed by a team of researchers and volunteers. The main goal of Qichwabase is to model [Quechua language](#) lexical data as Wikibase lexemes collection, for transfer to Wikidata, as soon the dataset reaches the envisaged quality.

Qichwabase is a valuable resource for anyone interested in the Quechua language and knowledge. It can be used to learn about Quechua words and phrases, to find translations of Quechua words into other languages, and to explore its usefulness in various escenarios <sup>[1]</sup>, such as Question Answering, Dialogue Systems, Entity linking, Knowledge Validation, and Collaborative Community.

### Contents [hide]

- Creation
  - Classes and Properties
- Hosting
- Curation
- Deployment
- Origins of Qichwabase
- References

Main page  
Recent changes  
Random page  
Help about MediaWiki

Tools  
What links here  
Related changes  
Special pages  
Printable version  
Permanent link  
Page information

Wikibase  
New Item  
New Property  
New Lexeme  
New Schema  
All Properties  
Query Service  
Cradle  
QuickStatements

In other languages  
➤ Add links



Qichwabase as a Wikibase in...

**Wikibase** as a core technology to support a harmonization process of the **Quechua language and knowledge**.

**TEAM:**

- Elwin Huaman
- David Lindemann
- Valeria Caruso

Watch on  **YouTube**

Qichwabase as a Wikibase instance

## Creation

Qichwabase is still under development, but it already contains a significant amount of knowledge, we have started modeling open Quechua lexical data from [Runasimi Dictionary](#), and plan to include data from other sources, such as attestations and frequency information from Quechua webcorpora<sup>[2]</sup>. Currently, Qichwabase includes:

- Over 1 million triples (or statements) about Quechua words
- Information and examples about the usage of Quechua words
- Translations of Quechua words into other languages, e.g. English, German, Italian, and Spanish

## Classes and Properties

The Ontology Classes and Properties listed here do not include the Ontolex core classes used by default in a Wikibase. For how lexicographical data is represented in a wikibase, see the documentation pages [at Wikidata](#).

- Ontology classes and their instances ([query](#)).
- Ontology properties ([Special:ListProperties](#))
- Ontological relations between items describing lexical categories ([query](#)).



## Kohesio: discover EU projects in your region

Home Projects Beneficiaries Services

Are you looking for inspiration or projects to share?

Check Kohesio's advanced search functionalities

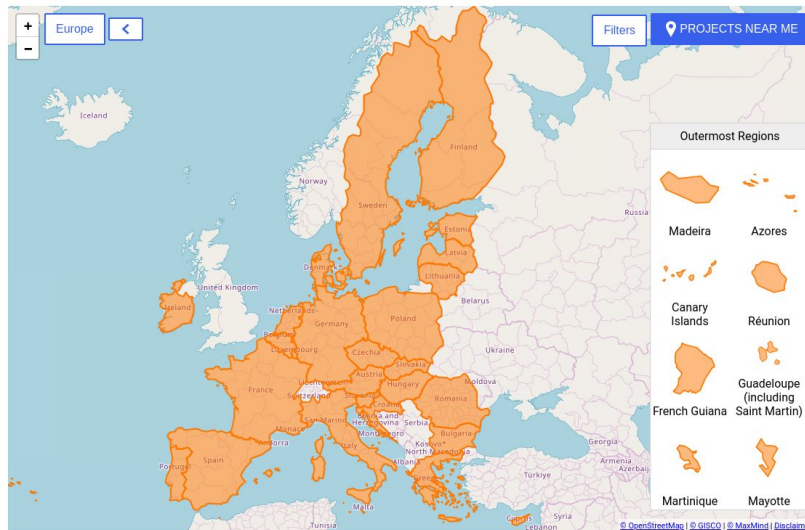
Browse the projects

1

2

3

### IN MY REGION



# See you on Wikidata!

Lydia Pintscher

lydia.pintscher@wikimedia.de

@nightrose

