

Einführung in Wikidata

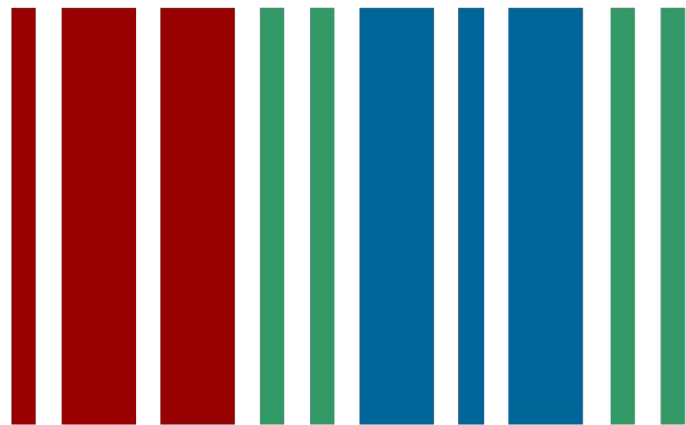
Wikidata-Wochenende

12.06.2020

Matti Blume: matti.blume@wikipedia.de



WIKIMEDIA
DEUTSCHLAND



WIKIDATA

Eine freie und offene Datenbank, die von Menschen und Maschinen gelesen oder bearbeitet werden kann.



Teil des Wikimedia-Ökosystems

<https://wikimedia.de/>

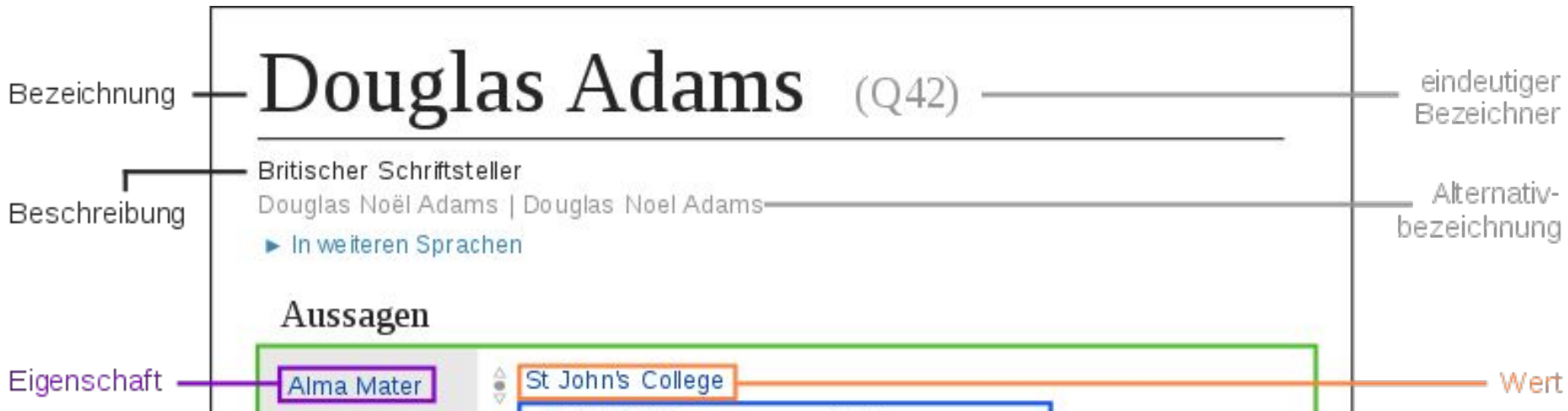


Ein verknüpftes und mehrsprachiges Repository zur Speicherung des Weltwissens.

Entworfen um die chaotische Realität abzubilden.



Mehr als 85 Millionen Datenobjekte



Datenobjekte werden mit IDs bezeichnet

Berlin (Q64), Douglas Adams (Q42), Universum (Q1)

Datenobjekte besitzen

Bezeichnungen, **Beschreibungen** und **Aliase** in verschiedenen Sprachen.

Label, Lemma, QID und Alias?

Lemma	Label	QID	Alias
New York	New York	Q1384	Empire State
New York City	New York	Q60	City of New York NYC Big Apple
New York (Zeitschrift)	New York	Q1507987	New York Magazine

Spezialseite

Suchergebnisse

Q New York Suchen

Erweiterte Suche: Sortieren nach Relevanz X

Suchen in: (Seiten) X

New York City (Q60)
Metropole an der Ostküste der Vereinigten Staaten
351 Aussagen, 282 Weblinks - 22.09, 11. Jun. 2020

New York (Q1384)
Bundesstaat der Vereinigten Staaten von Amerika
240 Aussagen, 221 Weblinks - 13.17, 10. Jun. 2020

The **New York Times** (Q9684)
englischsprachige Tageszeitung aus New York
111 Aussagen, 104 Weblinks - 04.53, 9. Jun. 2020

New York Stock Exchange (Q13677)
Wertpapierbörse in New York
51 Aussagen, 78 Weblinks - 09.48, 4. Jun. 2020

New York Public Library (Q219555)
öffentliche Bibliothek in New York
69 Aussagen, 51 Weblinks - 19.26, 26. Mai 2020

White Plains (Q462177) : White Plains (**New York**)
Stadt im US-Bundesstaat New York
39 Aussagen, 51 Weblinks - 09.05, 9. Mai 2020

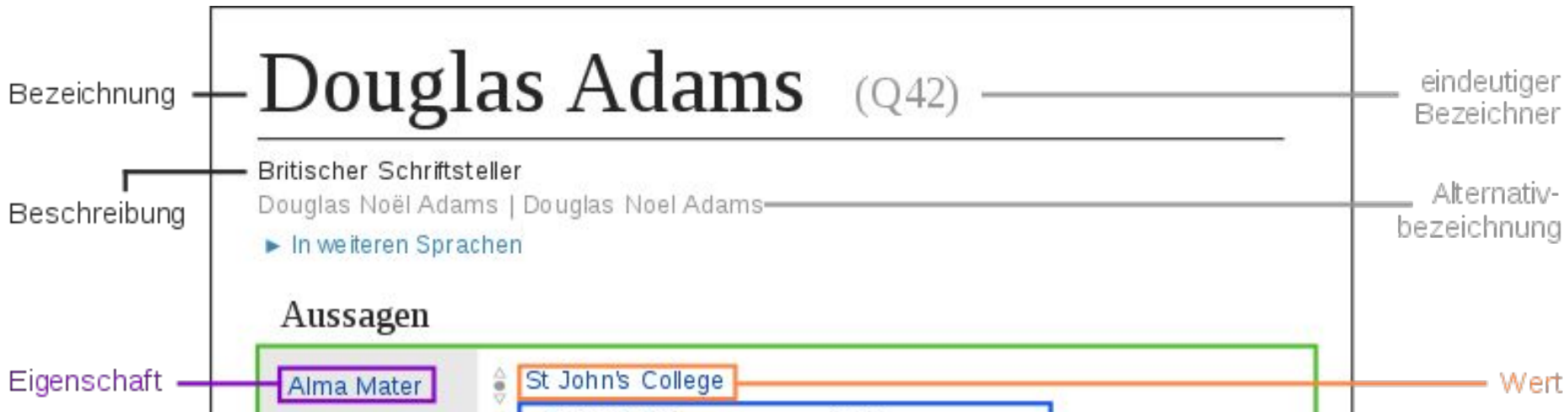
New York (Q22654)
Wikimedia-Begriffsklärungsseite
2 Aussagen, 95 Weblinks - 06.54, 12. Apr. 2020

New York Post (Q211374)
Boulevardzeitung aus New York
36 Aussagen, 40 Weblinks - 20.30, 16. Mai 2020

<https://www.wikidata.org/w/index.php?sort=relevance&search=New+York&title=Special:Search&profile=advanced&fulltext=1&advancedSearch-current=%7B%7D&ns0=1>

Label, Lemma, QID und Alias?

	Anzahl	Beispiel	einzigartig?
Lemma (Wikipedia)	1	New York City	✓
Label (Wikidata)	1	New York City	✗
QID (Wikidata)	1	Q60	✓
Alias (Wikidata)	n	Big Apple NYC	✗



Datenobjekte beschreiben Aussagen

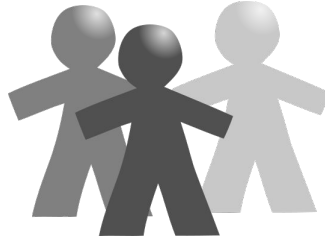
Berlin (Q64) hat Einwohnerzahl (P1080) mit **3,5 Millionen**

Berlin (Q64) hat Partnerkommune (P190) mit Paris (Q90)



Datenobjekt:
Berlin (Q64)

+



Eigenschaft:
Einwohnerzahl (P1082)

=

Wert:
3.5
Millionen

Aussage: Q64 hat P1082 mit 3.5 Millionen

Berlin (Q64) ...

Hauptstadt und Land der Bundesrepublik Deutschland

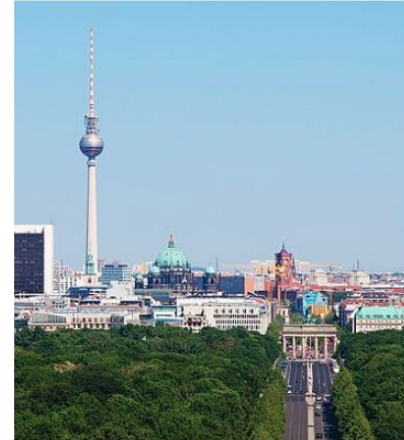
 bearbeiten

Stadt Berlin | Berlin, Deutschland | Bundeshauptstadt Berlin | Land Berlin | DE-BE







▼ In weiteren Sprachen Konfigurieren

Sprache	Bezeichnung	Beschreibung	Auch bekannt als
Deutsch	Berlin	Hauptstadt und Land der Bundesrepublik Deutschland	Stadt Berlin Berlin, Deutschland Bundeshauptstadt Berlin Land Berlin DE-BE
Englisch	Berlin	capital city of Germany	Berlin, Germany
Spanisch	Berlin	ciudad capital de Alemania	Berlin
Russisch	Берлин	столица и одна из федеральных земель Германии	

[Alle eingegebenen Sprachen](#)



Aussagen











Einwohnerzahl		1.200 ...	 bearbeiten
		Zeitpunkt	1250 <i>Gregorianisch</i> ...
		▼ 0 Fundstellen	+ Fundstelle hinzufügen
		7.000±0 ...	 bearbeiten
	Zeitpunkt	1307 <i>Gregorianisch</i> ...	
	▼ 0 Fundstellen	+ Fundstelle hinzufügen	
	8.500±0 ...	 bearbeiten	
	Zeitpunkt	1400 <i>Gregorianisch</i>	

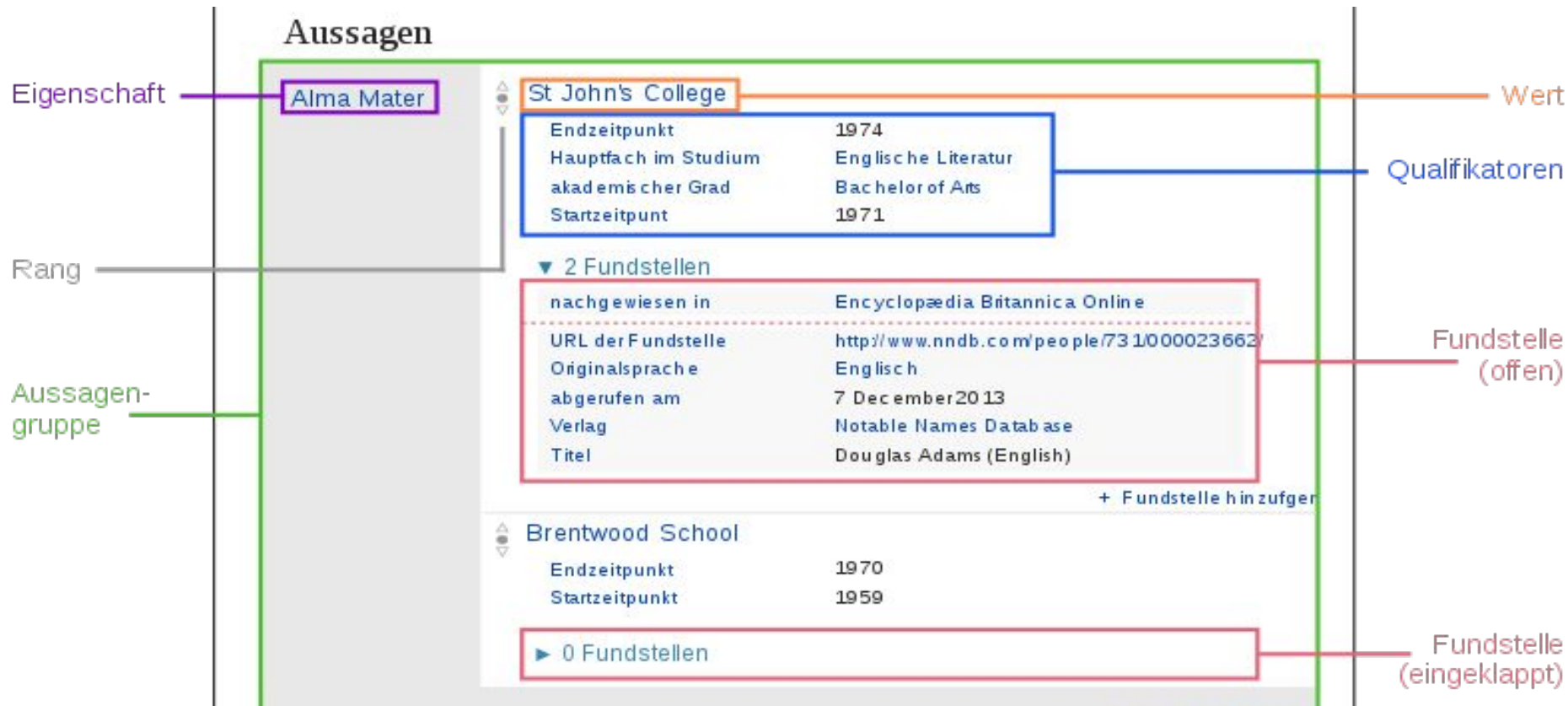
Wikipedia (241 Einträge)  bearbeiten

ab	Берлин
ace	Berlin
ady	Берлин
af	Berlyn 🏆
ak	Berlin
als	Berlin
am	ቡርሊን
ang	Berlin
an	Berlín
arc	بدرلين
ar	برلين
arz	بيرلين
ast	Berlín
ay	Berlin

<https://www.wikidata.org/wiki/Q64>

Identifikatoren

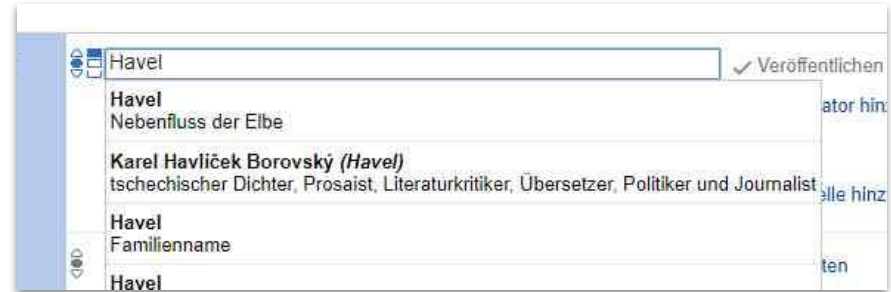
ISNI	 0000 0001 2341 9654 ▼ 0 Fundstellen	 bearbeiten + Fundstelle hinzufügen + hinzufügen
ISO 3166-2 Code	 DE-BE ... ▼ 0 Fundstellen	 bearbeiten + Fundstelle hinzufügen + hinzufügen
OpenStreetMap-Relations-ID	 62422 ▼ 0 Fundstellen	 bearbeiten + Fundstelle hinzufügen + hinzufügen
VIAF	 122530980 ▶ 1 Fundstelle	 bearbeiten + hinzufügen
GND	 4005728-8 ▶ 1 Fundstelle	 bearbeiten + hinzufügen



Aussagen können spezifiziert werden mit
Qualifikatoren z. B. Startzeitpunkt 3. Oktober 1990
Fundstellen z. B. nachgewiesen in Verfassung von Berlin

Werttypen

- Datenobjekt
- Text
 - einsprachig/universell
- Zahl
 - mit/ohne Einheit
- Datum
 - greg./jul.
- Geokoordinate
- Mediendatei
- externer Identifikator
- ...



Demo

<https://www.wikidata.org/wiki/Q4115189>

The screenshot shows a search interface for Wikidata. At the top, there are navigation links: "Diskussion", "Einstellungen", "Beta", "Beobachtungsliste", "Beiträge", and "Abmelden". Below these is a search bar containing the text "Wikidata-Spielwiese". A dropdown menu is open, displaying the search results. The first result is "Wikidata-Spielwiese" with the description "Eine Spielwiese zum Testen von Funktionen. Fühle dich fr...". Below this, there is a section labeled "enthält ..." which lists "Wikidata-Spielwiese". To the left of the search bar, there is a network diagram with green lines connecting nodes. The diagram includes labels "verlinkt" and "akturiert".

Wie nutzt Wikipedia Wikidata?

Interwikilinks





Languages 

- Cebuano
- ★ Čeština
- Chamoru
- Corsu
- Cymraeg
- ★ Dansk
- Deutsch
- ★ Deutsch
- Dolnoserbski
- Eesti
- Ελληνικά
- Emiliàn e rumagnòl
- ★ Español
- ★ Esperanto
- Estremeñu
- ★ Euskara
- فارسی
- Fiji Hindi
- Føroyskt
- Français

Tools

- [What links here](#)
- [Related changes](#)
- [Upload file](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Wikidata item](#)
- [Cite this page](#)

Infoboxen

A A    ▶ Avantiate ▶ Characteres special ▶ Adjuta 
<div><div>{{Infobox entitate territorial administrativa}}</div><div>'''New York''' (in interlingua etiam '''Nove York;''' nomine official: '''City of New York''') es le citate le plus populose del [[Statos Unite de America]], e le secunde plus populose de America del Nord (post le [[Citate de Mexico]], le capital de [[Mexico]]). Situate in le stato de New York, apud le [[Oceano Atlantic]], ille face parte del metropole del costa oriental del Statos Unite.</div></div>

New York	
	
	
Bandiera	Scuto de armas
Area	1 214±1 Kilometro quadrate
Zona horari	Q941023
Geonames ID	5128581 
Sito web: http://www.nyc.gov/ 	
Wikimedia Commons Category 18 New York City	

Normdaten

Authority control

WorldCat [↗](#) · VIAF: 266415900 [↗](#) · LCCN: n79007751 [↗](#) · ISNI: 0000 0001 2196 6726 [↗](#) · GND: 4042011-5 [↗](#)
· SUDOC: 026581019 [↗](#) · BNF: cb11880105b [↗](#) (data) [↗](#) · NDL: 00628906 [↗](#)

```
{{Northeast Megalopolis}}  
}}  
  
{{Authority control}}  
  
[[Category:New York City| ]]
```

VIAF identifier

266415900

▶ 1 reference

Description

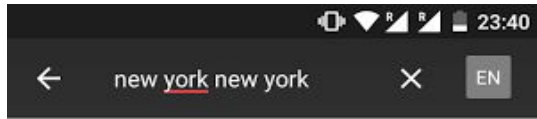
For more details on this topic, see [Authority control](#) and [Wikipedia:Authority control](#).

This metadata template links Wikipedia articles to various library catalogue systems, for biographies and other topics.

This template draws most of its values from **Wikidata**, but they can be overridden by locally entered data. Adding the data to **Wikidata** is preferable.

An empty instance of this template stays dormant in an article, until values are added to **Wikidata**, when it will then display them, so this template should be added to all biographies, whether or not there are authority control identifiers in **Wikidata** already.

Kurzbeschreibung





 **New York City**
City in state of New York, United States;
most populous metropolitan area in Uni...

 **New York-New York Hotel and Casino**
Hotel and casino in Las Vegas

 **New York, New York (Moby song)**

 **Manhattan New York Temple**

 **New York New York (Grandmaster Flash song)**

 **New York, New York (disambiguation)**
Wikimedia disambiguation page

New York City (Q60)

city in state of New York, United States; most populous metropolitan area in United States

image

NYC Montage 2011.jpg

0 references

File:NYC Montage 2011.jpg

From Wikimedia Commons, the free media repository



Wikipedia-Suche

Search results

For more information, see [Help: Searching](#) .

 MediaWiki ▾ Search

Create the page "New York New York" on this project.

New York New York

Disambiguation - If you are looking for other uses, see **New York** , **New York** . **New York New York** (Cagney & Lacey) is an American television series went
5 KB (440 words) - 02:42, 5 October 2015

Results Wikidata

New York metropolis , a global city , New York City, the port town, cities in New York , United States of America , named after James II of England , York ; cities in the United States of America



New York U.S. state in the United States of America , named after James II of England , York ; Federal State of the United States of America



New York Baseball Team



New York Football team in the United States , part of AFC East



New York Baseball team in the United States of America , named after Yankee



New York Football team in the United States , part of NFC East



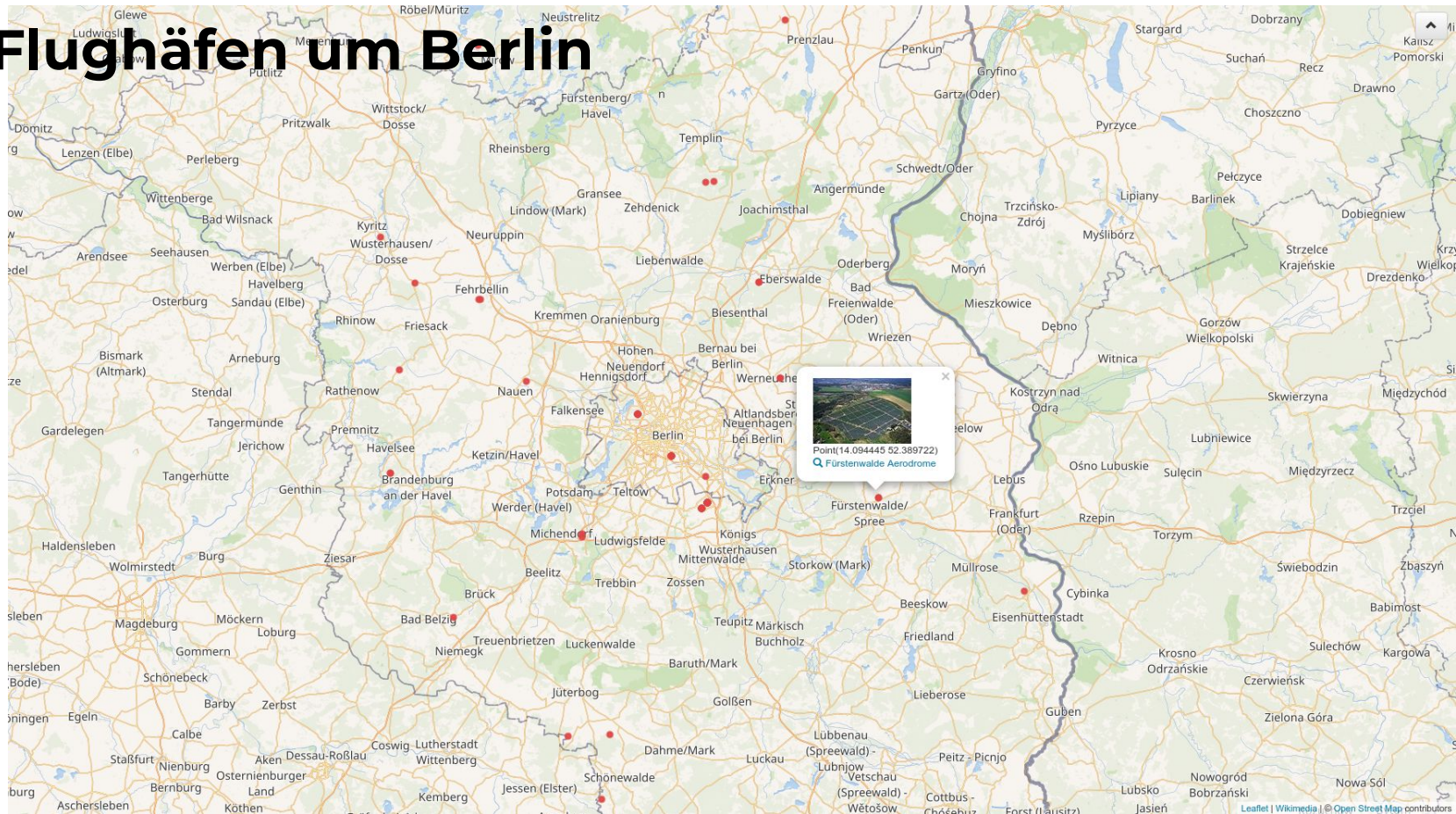
Wikidata nutzen



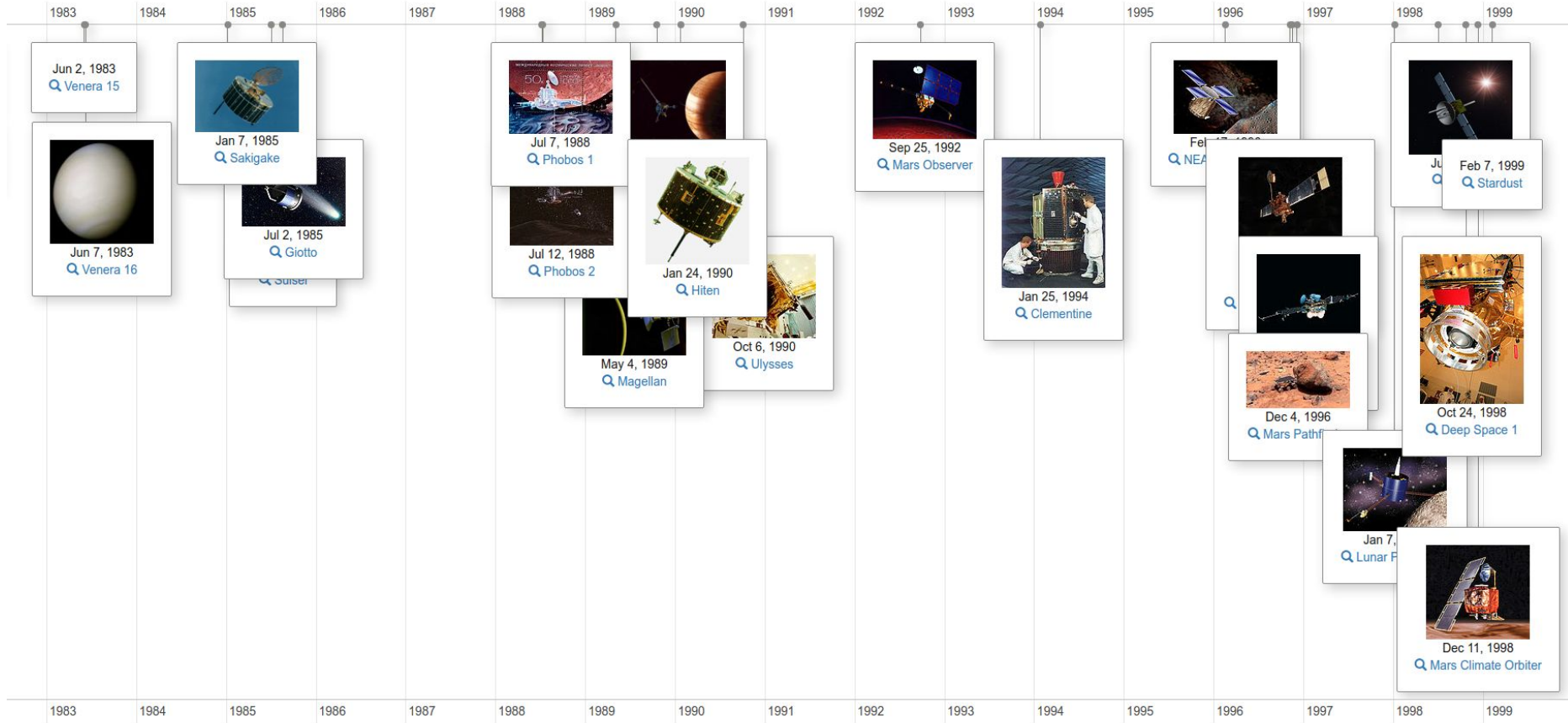
**WIKIDATA
QUERY**

<https://query.wikidata.org>

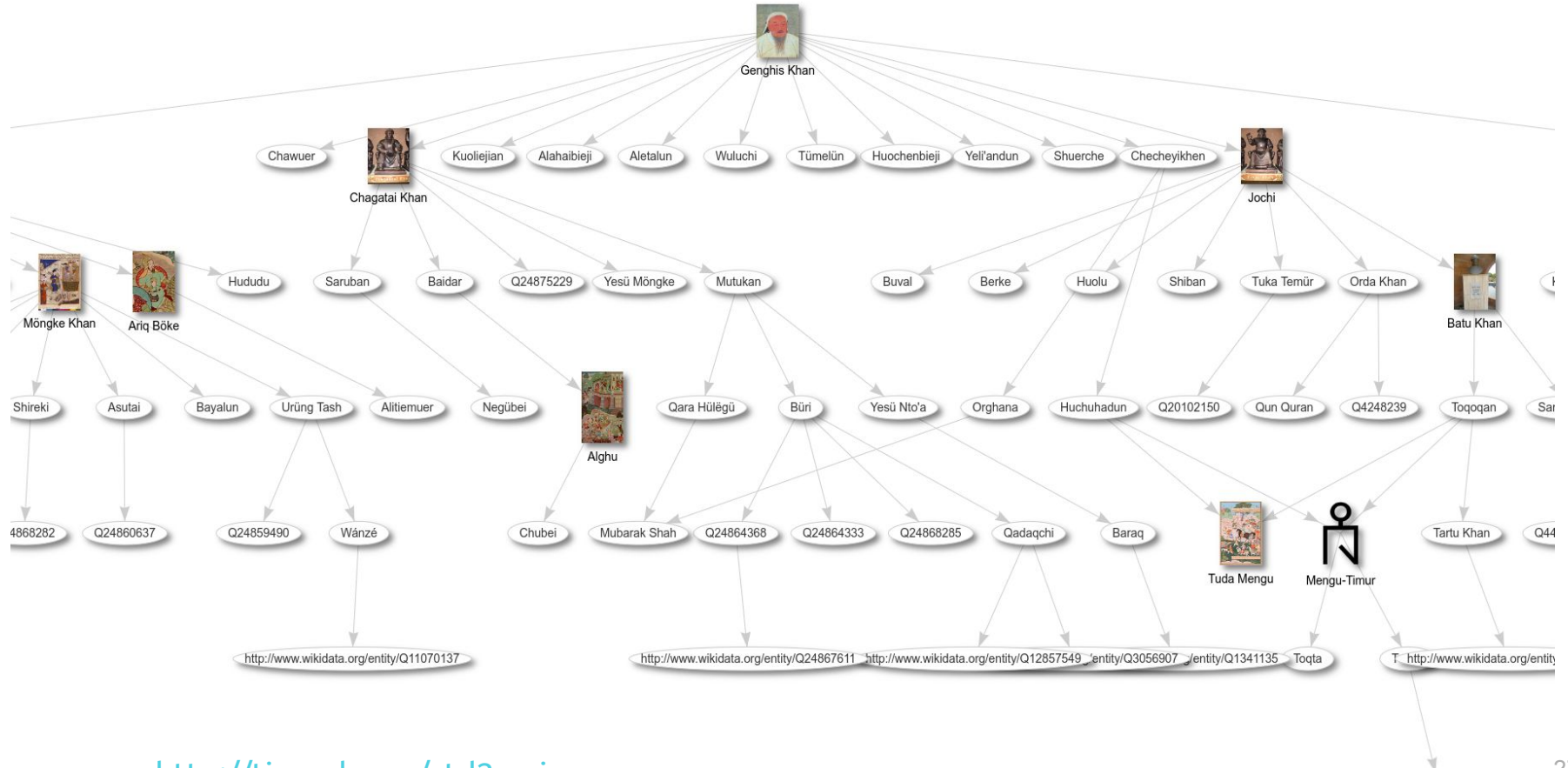
Flughäfen um Berlin



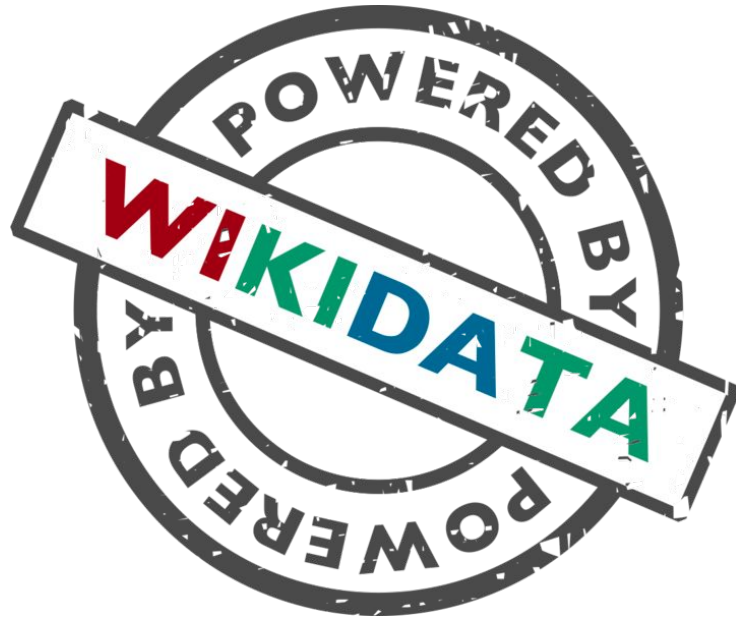
Zeitstrahl: Raumsonden



Graph: Stammbaum von Dschingis Khan



Wie wird Wikidata außerhalb von Wikipedia genutzt?



https://www.wikidata.org/wiki/Wikidata:Tools/Visualize_data/de

Histropedia

v1.7

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[Timeline](#) [About](#) [Contact](#) [How it works](#) [Join Community](#)



Top 20 Timelines

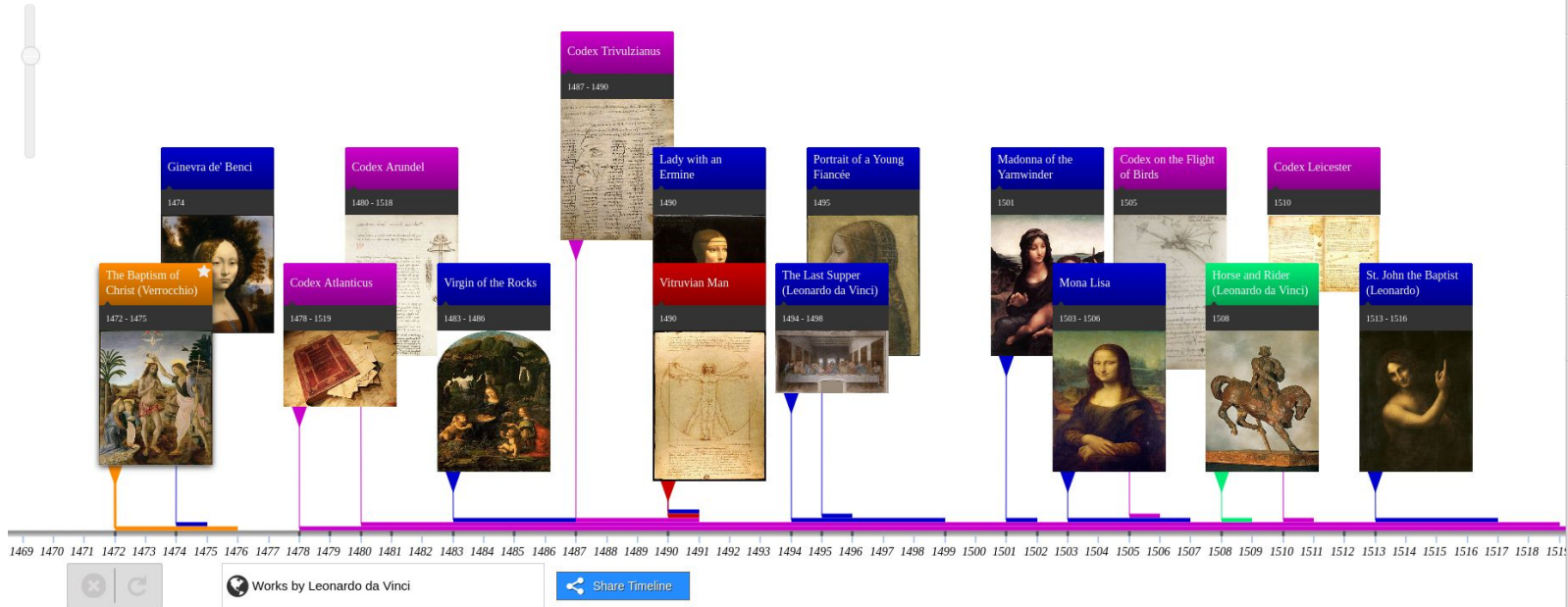
Start searching for your topic...

Event Spacing

Expanded

Save

Sign In

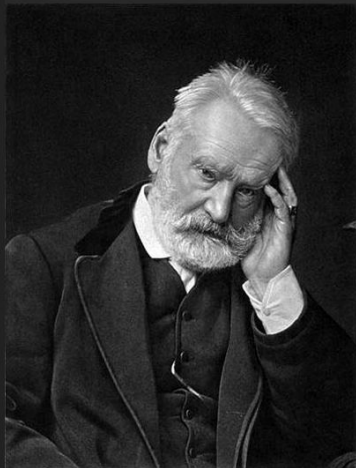


<http://histropedia.com/timeline/lqtzsg300s/Works-by-Leonardo-da-Vinci>


Inventaire

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Victor Hugo
French poet, novelist, and dramatist
1802 - 1885
country of citizenship: [France](#)
native language: [French](#)
educated at: [University of Paris](#), [Lycée Louis-le-Grand](#)
occupation: [poet](#), [politician](#), [playwright](#), [novelist](#), [draughtsperson](#), [librettist](#), [essayist](#), [memoirist](#), [writer](#)
position held: [member of parliament in France](#), [member of the Senate of France](#)



Les Misérables
Les Misérables (pronounced /ləˈmizəˈrɑːb/ or /ləˈmizəˌrɑːb/; French pronunciation: [lə mizeʁabl(ə)]) is a French historical novel by Victor Hugo, first published in 1862, that is considered one of the greatest novels...
author: [Victor Hugo](#)
1862

[more details](#)
[+ add to my inventory](#)
[in your network](#)

The Hunchback of Notre Dame
The Hunchback of Notre-Dame (French: Notre-Dame de Paris) is a French Romantic/Gothic novel by Victor Hugo published in 1831. The title refers to the Notre Dame Cathedral in Paris, on which the story is ...
author: [Victor Hugo](#)
1831

[more details](#)
[+ add to my inventory](#)
[in your network](#)

Ninety-Three
Ninety-Three (Quatrevingt-treize) is the last novel by the French writer Victor Hugo. Published in 1874, shortly after the bloody upheaval of the Paris Commune, the novel concerns the Revolt in the Vendée and ...
author: [Victor Hugo](#)

[more details](#)
[+ add to my inventory](#)
[in your network](#)

Cromwell
Cromwell is a play by Victor Hugo, written in 1827. It was influenced by Hugo's literary circle, which identified itself as Romanticist and chose as a model dramatist Shakespeare instead of the Classicists Jean Racine and ...
author: [Victor Hugo](#)
1827

[more details](#)
[+ add to my inventory](#)
[in your network](#)

The Man Who Laughs
The Man Who Laughs (also published under the title By Order of the King) is a novel by Victor Hugo, originally published in April 1869 under the French title L'Homme qui rit. Although among Hugo's most obscure works...

[more details](#)
[+ add to my inventory](#)

Feedbacks

https://inventaire.io/entity/wd:Q535/Victor_Hugo

Ask Platypus



Project website

Ask me anything alpha version



Who is the director of "Her"?



Result

Show internal results


Spike Jonze 🇺🇸 🌐

Spike Jonze (pronounced "Jones" /dʒoʊnz/; born Adam Spiegel; October 22, 1969) is an American director, producer, screenwriter and actor, whose work includes music videos, commercials, film and television. He started his feature film directing career with Being John Malkovich (1999) and Adaptation (2002), both written by Charlie Kaufman, and then started movies with screenplays of his own with Where the Wild Things Are (2009) and Her (2013). Jonze is well known for his music video collaborations with Fatboy Slim, Weezer, Beastie Boys, Björk and Kanye West. [Wikipedia](#)



<http://askplatyp.us>

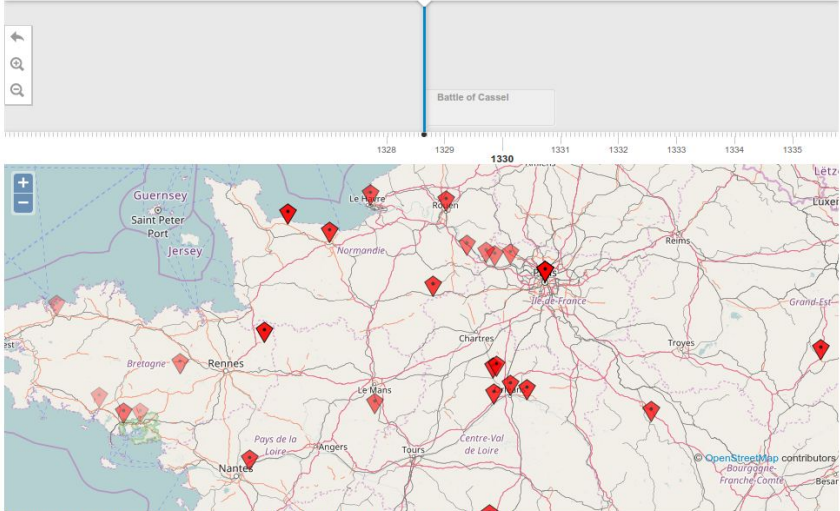
Tempo-spatial display

Wikidata tempo-spatial display Tools Olde tools Git Talk 

Hundred Years' War

series of conflicts from 1337 to 1453 between France and England
[Hundred Years' War](#) on Wikidata

➔
AUGUST 23, 1328
Battle of Cassel | Q2237467



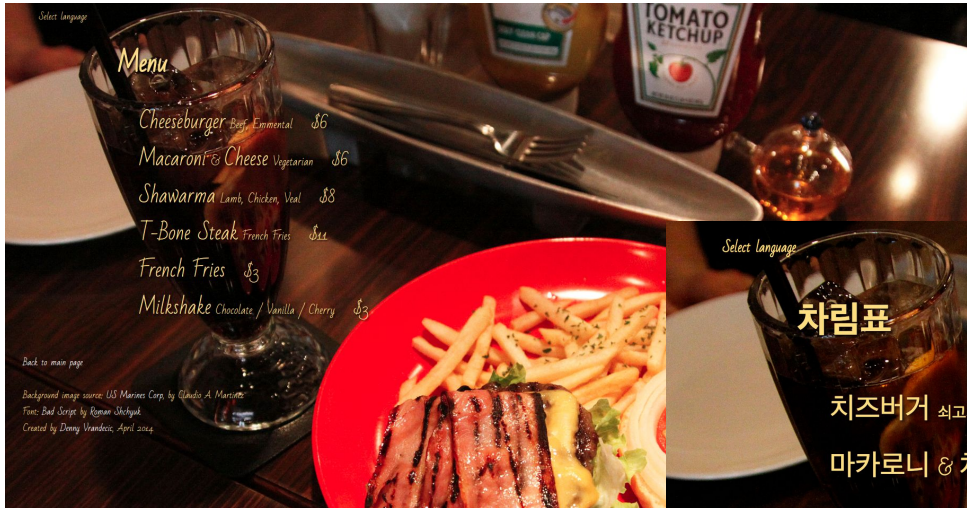
The interface features a timeline at the top with a vertical blue line indicating the current date, August 23, 1328, at the Battle of Cassel. Below the timeline is a map of France with red diamond markers representing events. The markers are shaded according to their time, with earlier events being more transparent. The map shows major regions like Normandie, Bretagne, and Île-de-France, along with cities like Paris, Reims, and Nantes.

99 events. Markers on map are shaded according to time, with earlier events more transparent.

Item	Time	Location
Battle of Cassel	1328-08-23	???
Hundred Years' War	1336-11-30 — 1359-11-30	???

http://tools.wmflabs.org/wikidata-todo/tempo_spatial_display.html?q=Q12551

Mehrsprachige Speisekarte



<http://googleknowledge.github.io/qlabel/demo/menu/>

Scholia

Turing Award (Q185667)

List of recipients

Show entries

Search:

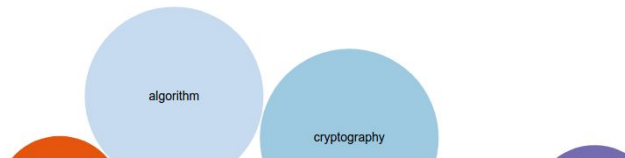
Year	Recipient
2016	Tim Berners-Lee
2015	Martin Edward Hellman
2015	Whitfield Diffie
2014	Michael Stonebraker
2013	Leslie Lamport
2012	Shafira Goldwasser
2012	Silvio Micali
2011	Judea Pearl
2010	Leslie Valiant
2009	Charles P. Thacker

[Edit on query.Wikidata.org](#)

Showing 1 to 10 of 66 entries

Previous 2 3 4 5 6 7 Next


Topics of works by recipients



<https://tools.wmflabs.org/scholia/award/Q185667>


Sum of all knowledge

The Sum of All Knowledge English Edit




Museo del Prado
Spanish national art museum


Works in Museo del Prado




Christ Washing the Disciples' Feet painting by Jacopo Tintoretto (Prado)



The Triumph of Bacchus painting by Diego Velázquez

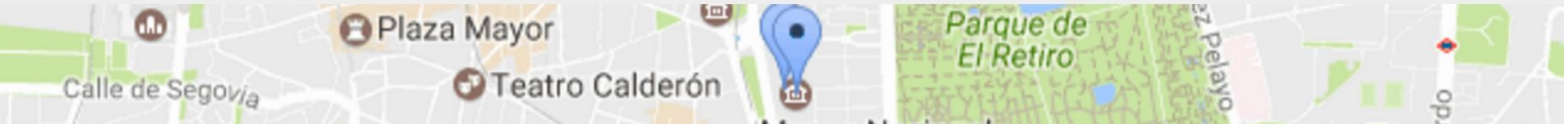


La maja painting by Francisco de Goya.



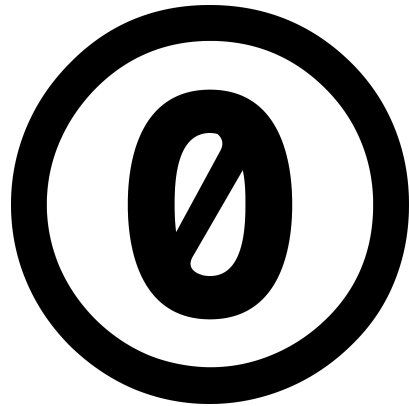
Las Meninas painting by Diego Velázquez

[Show more](#)



<http://sum.bykr.org/160112>

Lizenzmodell



Fragen?