

Wikidata

the free and open knowledge base

Wikiconference USA 2014
New York

Katie Filbert - @filbertkm

<http://filbertkm.github.io/slides>





Credits: Sasan Geranmehr (CC-BY 3.0)

What is Wikidata?

- repository of the world's knowledge
- database anyone can read and edit
- multi-lingual
- free and open source software

supports Wikimedia projects (e.g. Wikipedia)



16,000,000+ Items

35,000,000+ Statements

Example item

www.wikidata.org/wiki/Q60

New York City



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New York City (Q60)

[edit]

largest city in New York & United States of America

[edit]

Also known as: [NYC](#) [New York](#) [City of New York](#) [New York, New York](#) [The Big Apple](#) [edit]
[Gotham](#) [New Amsterdam](#)

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Deutsch	Metropole an der Ostküste der Vereinigten Staaten	[edit]
	نيويورك	[edit]
فارسی	شهر نیویورک در ایالات متحده	[edit]
	مدينة紐约	[edit]
العربية	enter description in العربية	[save] [cancel] [?]

Statements

topic's main portal	Portal:New York City	[edit]
	▼ 0 references	[add reference]
		[add]


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ID (Q60)

New York City (Q60)

[\[edit\]](#)

largest city in New York & United States of America

[\[edit\]](#)

Also known as: [NYC](#) [New York](#) [City of New York](#) [New York, New York](#) [The Big Apple](#) [\[edit\]](#)
[Gotham](#) [New Amsterdam](#)

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In other languages

Deutsch	New York City	[edit]
	Metropole an der Ostküste der Vereinigten Staaten	[edit]
فارسی	نيويورك	[edit]
	شهر نیویورک در ایالات متحده	[edit]
العربية	مدينة紐约	[edit]
	<input type="text" value="enter description in العربية"/> [save] [cancel] [?]	

Statements

topic's main portal	Portal:New York City	[edit]
	▼ 0 references	[add reference]
		[add]



Item Discussion

LABEL**New York City** (Q60)

[edit]

largest city in New York & United States of America

[edit]

Also known as: [NYC](#) [New York](#) [City of New York](#) [New York, New York](#) [The Big Apple](#) [\[edit\]](#)
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[Wikivoyage pages linked to this item](#) | [Wikimedia Commons page linked to this item](#)

In other languages

Deutsch New York City [edit] Metropole an der Ostküste der Vereinigten Staaten [edit]
فارسی نيويورك [edit] شهر نيويورك در ایالات متحده [edit]
العربية مدينة نيو يورك [edit] <input type="text" value="enter description in العربية"/> [save] [cancel] [?]

Statements

topic's main portal

Portal: [New York City](#)

[edit]

▼ 0 references

[add reference]

[add]



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New York City (Q60)

DESCRIPTION

largest city in New York & United States of America

[edit]

Also known as: [NYC](#) [New York](#) [City of New York](#) [New York, New York](#) [The Big Apple](#)
[Gotham](#) [New Amsterdam](#)

[edit]

[edit]

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In other languages

	New York City	[edit]
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	نيويورك	[edit]
فارسی	شهر نیویورک در ایالات متحده	[edit]
	مدينة紐约	[edit]
العربية	enter description in العربية	[save] [cancel] [?]

Statements

topic's main portal

Portal:New York City

[edit]

▼ 0 references

[add reference]

[add]


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New York City (Q60)

ALIASES

[\[edit\]](#)
largest city in New York & United States of America
[\[edit\]](#)

Also known as:	NYC	New York	City of New York	New York, New York	The Big Apple	[edit]
	Gotham	New Amsterdam				[edit]

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In other languages

Deutsch	New York City	[edit]
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فارسی	نيويورك	[edit]
	شهر نیویورک در ایالات متحده	[edit]
العربية	مدينة紐约	[edit]
	<input type="text" value="enter description in العربية"/> [save] [cancel] [?]	

Statements

topic's main portal	Portal:New York City	[edit]
	▼ 0 references	[add reference]
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In other languages

LABELS and DESCRIPTIONS in other languages

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	Metropole an der Ostküste der Vereinigten Staaten	[edit]
فارسی	نيويورك	[edit]
	شهر نیویورک در ایالات متحده	[edit]
العربية	مدينة紐约	[edit]
	<input type="text" value="enter description in العربية"/> [save] [cancel] [?]	

Statements

topic's main portal	Portal:New York City	[edit]
	▼ 0 references	[add reference]
		[add]



Item Discussion

New York City

(Q60) largest city in New York & United

Also known as: NYC
New York
Gotham
New

In other languages | Statements | Wikivoyage pages linked to this item

In other languages

Deutsch	New York City
Français	New York City
Español	Nueva York
العربية	نيويورك

Select language



Language search

Common languages

Deutsch	hrvatski	Plattdüütsch	Ελληνικά
English	italiano	polski	русский
español	Kurdî	Ripoarisch	العربية
Gaeilge	Nederlands	Türkçe	فارسی

Worldwide

English	Lingua Franca Nova
español	lojban

Language selector

[edit]

مدينه نيويورك في الولايات المتحدة

مدينة نيويورك [edit]

enter description in العربية [save] [cancel]

Statements

topic's main portal	Portal:New York City	[edit]
	▼ 0 references	[add reference]
		[add]

ISNI (ISO 27729)	0000 0001 2196 6726	[edit]
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Statements

head of government

Bill de Blasio [edit]

start date 1 January 2014

▼ 0 references

[add reference]

Michael Bloomberg [edit]

start date 1 January 2002

end date 31 December 2013

▼ 0 references

[add reference]

Rudy Giuliani [edit]

start date 1 January 1994

end date 31 December 2001

▼ 0 references

[add reference]

David Dinkins [edit]

start date 1 January 1990

end date 31 December 1993

▼ 0 references

[add reference]

STATEMENTS

Statements

[head of government](#)

PROPERTY

Bill de Blasio

[edit]

start date 1 January 2014

▼ 0 references

[add reference]

Michael Bloomberg

[edit]

start date 1 January 2002

end date 31 December 2013

▼ 0 references

[add reference]

Rudy Giuliani

[edit]

start date 1 January 1994

end date 31 December 2001

▼ 0 references

[add reference]

David Dinkins

[edit]

start date 1 January 1990

end date 31 December 1993

▼ 0 references

[add reference]

Properties

- **Generic** - authority control (identifiers), media, dates, coordinates, ...
- **Person** - date of birth, death, occupation, relationship, ...
- **Organization** - companies, airlines, sports clubs, military, ...
- **Events** - generic, elections
- **Works** - generic, arts & architecture, literature, music, film, ...
- **Terms** - biology, languages, ships, spacecraft, medicine, ...
- **Place** - general, country, road, railway, buildings, water, astronomy, ...
- **Others** - sources, other

https://www.wikidata.org/wiki/Wikidata:List_of_properties

https://www.wikidata.org/wiki/Wikidata:Property_proposal

https://www.wikidata.org/wiki/Wikidata:Infoboxes_task_force

All available DataTypes

Datatypes are used in claims to represent data

- Item
- Commons media
- String
- Time
- Globe coordinate
- URL
- Quantity

See wikidata.org/wiki/Special>ListDatatypes

Statements

head of government

Bill de Blasio	[edit]
start date	1 January 2014
▼ 0 references	
DATA VALUE (wikibase-item)	
Michael Bloomberg	[edit]
start date	1 January 2002
end date	31 December 2013
▼ 0 references	
[add reference]	
Rudy Giuliani	[edit]
start date	1 January 1994
end date	31 December 2001
▼ 0 references	
[add reference]	
David Dinkins	[edit]
start date	1 January 1990
end date	31 December 1993
▼ 0 references	
[add reference]	

Statements

head of government

Bill de Blasio	[edit]
start date	1 January 2014
▼ 0 references	
	[add reference]
Michael Bloomberg	QUALIFIERS
start date	1 January 2002
end date	31 December 2013
▼ 0 references	
	[add reference]
Rudy Giuliani	[edit]
start date	1 January 1994
end date	31 December 2001
▼ 0 references	
	[add reference]
David Dinkins	[edit]
start date	1 January 1990
end date	31 December 1993
▼ 0 references	
	[add reference]

Statements

head of government

Bill de Blasio

[save] [remove] [cancel] [?]

Preferred rank

1 January 2014

[remove]

Normal rank

[add qualifier]

Deprecated rank

RANK

[add reference]

Michael Bloomberg

[edit]

start date 1 January 2002

end date 31 December 2013

▼ 1 reference

[edit]

title The Bloomberg Era Begins

publisher The New York Times

date of publication 2 January 2002

reference URL <http://www.nytimes.com/2002/01/02/opinion/the-bloomberg-era-begins.html> ↗

[add reference]

Statements

head of government

Bill de Blasio [edit]

start date 1 January 2014

▼ 0 references

[add reference]

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[add reference]

Rudy Giuliani [edit]

start date 1 January 1994

Wikipedia pages linked to this item (192 entries)

SITE LINKS

Language	Code	Linked page	
Afrikaans	afwiki	New York Stad	[edit]
Alemannisch	alswiki	New York City	[edit]
አማርኛ	amwiki	ኋውያን ከተማ	[edit]
Ænglisc	angwiki	Nīweoforwīcburg	[edit]
aragonés	anwiki	Nueva York	[edit]
ܐܪܡܝܐ	arcwiki	(ܐܪܡܝܐ) ܢܝܘ יורק	[edit]
العربية	arwiki	نيويورك (مدينة)	[edit]
مصرى	arzwiki	نيويورك	[edit]
asturianu	astwiki	Nueva York	[edit]
অসমীয়া	aswiki	নিউক মহানগর	[edit]
Aymar aru	aywiki	New York	[edit]
azərbaycanca	azwiki	Nyu York	[edit]
Boarisch	barwiki	New York City	[edit]
žemaitėška	bat_smgwiki	Niojuorks	[edit]
башҡортса	bawiki	Нью-Йорк	[edit]
Bikol Central	bclwiki	Nueva York	[edit]
беларуская (тарашкевіца)	be_x_oldwiki	Нью-Ёрк	[edit]
беларуская	bewiki	Горад Нью-Ёрк	[edit]
български	bgwiki	Ню Йорк	[edit]

Data used on Wikipedia

and Wikimedia sister projects (e.g. Wikivoyage)

- Language links
- Property parser function
{{#property:P17}} or {{#property:country}}
- Lua

Interstate 805

From Wikipedia, the free encyclopedia

Route map: Google / Bing

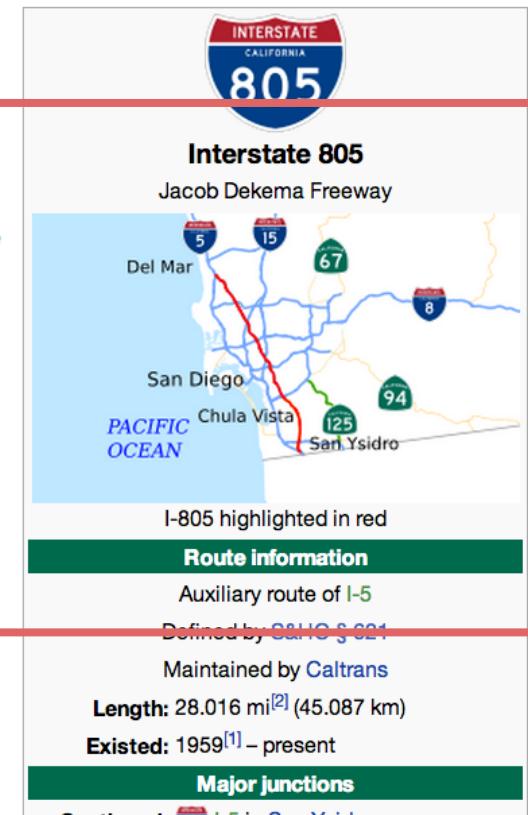
Interstate 805 (I-805) is a major north-south Interstate Highway in Southern California. It is a bypass of I-5, running along the eastern areas of the [Greater San Diego region](#) from [San Ysidro](#) (part of the city of [San Diego](#)) near the Mexico–U.S. border to near [Del Mar](#). The southern terminus of I-805 at I-5 in San Ysidro is less than a mile north of the Mexican border. I-805 then traverses through the cities of [Chula Vista](#) and [National City](#) before reentering San Diego. The freeway passes through the San Diego neighborhoods of [North Park](#), [Mission Valley](#), [Clairemont](#), and [University City](#) before terminating at I-5 in the [Sorrento Valley](#) neighborhood near the Del Mar city limit.

Planning for I-805 began in 1956, and the route was officially designated in 1959 before it was renumbered in the [1964 state highway renumbering](#). Starting in 1967, the freeway was built in phases, with the northern part of the freeway finished before the southern part. I-805 was completed and open to traffic in 1975. Named the [Jacob Dekema Freeway](#) after the longtime head of the regional division of the [California Department of Transportation](#) (Caltrans), I-805 has been frequently cited for its complex engineering and architecture, including near I-8 on the [Mission Valley Viaduct](#). Since then, several construction projects have taken place, including the construction of local and express lanes at the northern interchange with I-5. [High-occupancy toll lanes](#) are under construction on both the northern and southern portions of the route.

Contents [hide]

- 1 Route description
- 2 History
 - 2.1 Construction
 - 2.2 Recognition, artwork, and architecture
 - 2.3 Expansion
- 3 Exit list
- 4 References
- 5 External links

MAP IMAGE



Module:Infobox road/map

From Wikipedia, the free encyclopedia

< Module:Infobox road

Module documentation [create]

You might want to [create](#) a documentation page for this Scribunto module.

Editors can experiment in this module's sandbox ([create](#) | [mirror](#)) and testcases ([create](#)) pages.

Please add categories to the [/doc](#) subpage. Subpages of this module.

```
local p = {}

local mapsizes = {[ "DEU" ] = "200", [ "USA" ] = "290x172" }

function p.map(frame)
    local pframe = frame:getParent()
    local config = frame.args -- the arguments passed BY the template, in the wikitext of
    local args = pframe.args -- the arguments passed TO the template, in the wikitext tha

    local map_custom = args.map_custom or ''
    local map = args.map or ''
    if map_custom == "yes" then
        return '<span style="white-space:nowrap;">' .. map .. '</span>'
    end
    if map == '' then
        local entity = mw.wikibase.getEntity() or {}
        local claims = entity.claims or {}
        local mapProp = claims.p15
        if not mapProp then
            return ""
        end
        map = mapProp[0].mainsnak.datavalue.value
    end
    local filecode = "[[File:" .. map .. "|"
```

What's next?

- data access on Wikiquote
- interproject (sister project) links
- monolingual and multilingual data type
- json dumps
- easier to use Lua for infoboxes

almost ready

What's next?

- improved entity suggestor
- simple queries on Wikidata
- badges (e.g. featured article, good article)
- item redirects

working on these, nearing completion

What's next?

- UI redesign
- support for more sister projects (e.g. wikinews)
- quantities with units
- guided tours

medium-term

What's next?

- complex queries
- use query results in the clients
- Wikimedia Commons support

https://www.wikidata.org/wiki/Wikidata:Development_plan

longer-term

Example Applications

All generated using the data stored in
Wikidata

<https://www.wikidata.org/wiki/Wikidata:Tools>

The Wiki Atlas

4thmain.github.io/projects/hacks/wiki-atlas.html

Try a language: en

Powered by d3 and wikidata ([source](#))

India - Administrative Divisions (Level1)



The Wiki Atlas

4thmain.github.io/projects/hacks/wiki-atlas.html

Try a language:

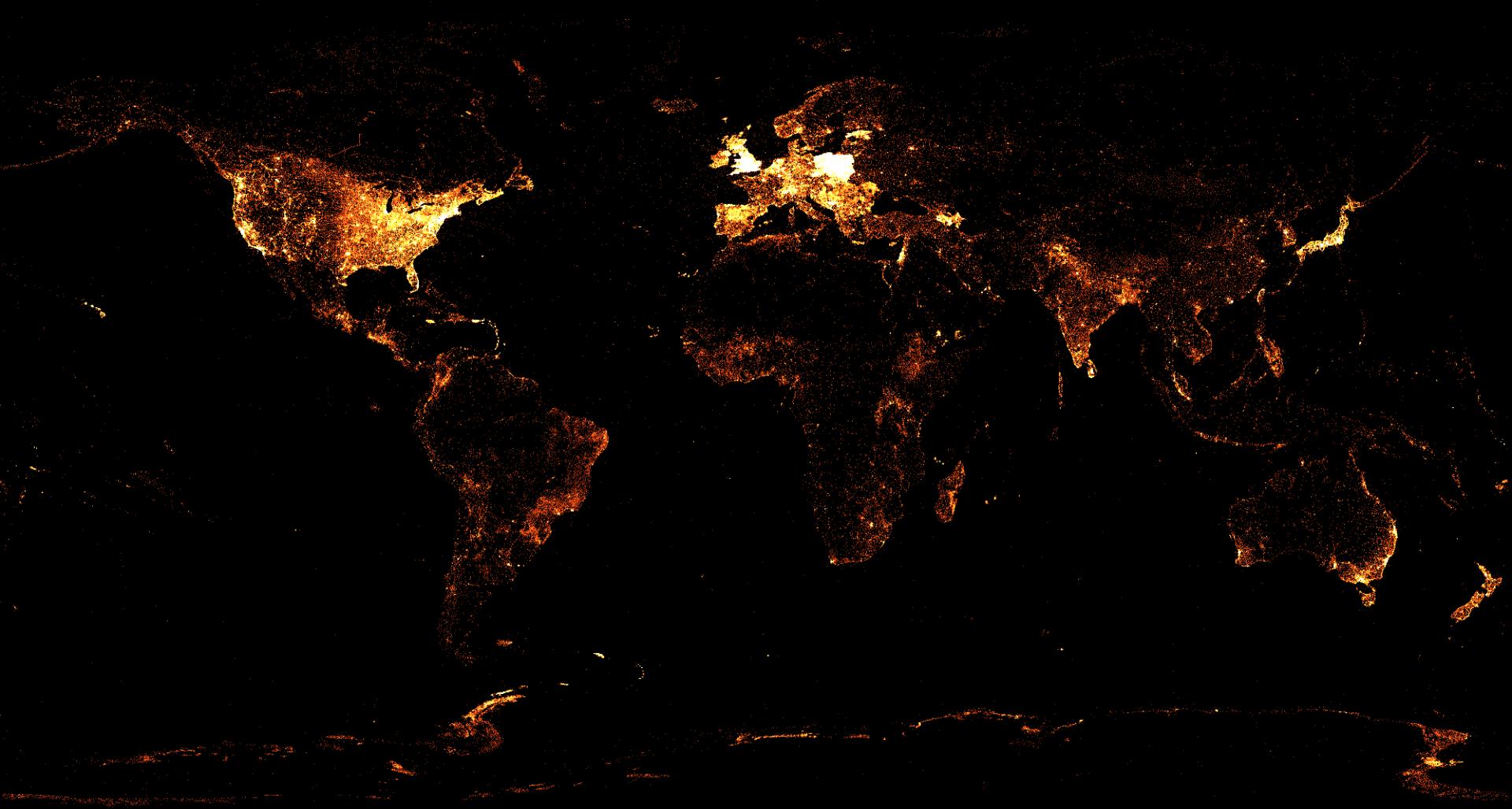
Powered by d3 and wikidata ([source](#))

India - Administrative Divisions (Level1)



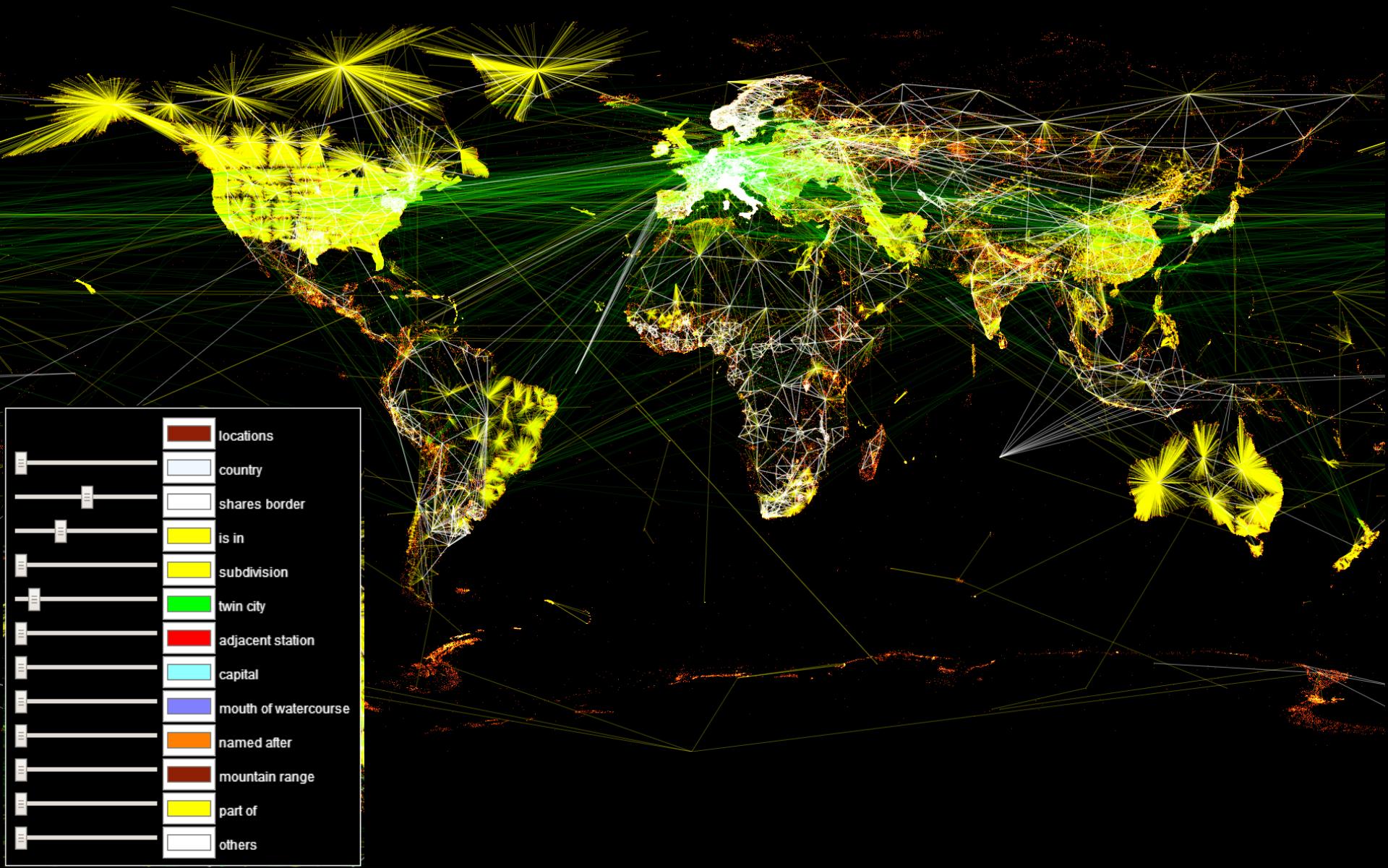
The Map

tools.wmflabs.org/wikidata-analysis/map/map.html



The Map

tools.wmflabs.org/wikidata-analysis/map/map.html



Barack Obama (Q76)

Barack Hussein Obama II | Barack Obama II | Barack Hussein Obama | Barry Obama | Obama | Абама | Barack Hussein Obama Jr. | 奥巴马 | 巴拉克·奥巴马 | Barack Hussein Obama, Jr. | Barack H. Obama | Barack H Obama | Barack Hussein Obama Jr | Barack Hussein Obama, Jr | Barack Obama Jr | Barack Obama, Jr. | Barack Obama Jr. | Barack Obama, Jr | Barack Obama Junior | 奥巴馬 | 歐巴馬 | 巴拉克 歐巴馬 | Μπάρακ Ομπάμα | Ομπάμα | バラック・オバマ | バラク・フセイン・オバマ |

44th President of the United States

Barack Obama is a US-American politician, lawyer, professor, and author.

He was born *Barack Hussein Obama II* on August 4, 1961 in Honolulu to Barack Obama, Sr. and Ann Dunham.

He studied at State Elementary School Menteng 01 from 1970 until 1971, Punahou School from 1971 until 1979, Occidental College from 1979 until 1981, Columbia University from 1981 until 1983, and Harvard Law School from 1988 until 1991. He was/is United States Senator from January 3, 2005 until November 16, 2008 and President of the United States of America from January 20, 2009. He worked for Sidley Austin, for Business International Corporation, for New York Public Interest Research Group, and for Gamaliel Foundation.

He married Michelle Obama on October 3, 1992. His children include Malia Obama and Sasha Obama.



pronunciation audio



External sites

official website

A handwritten signature of Barack Obama in black ink.

External sources

BNF 15591663c

CiNii DA1624368X

GND 132522136

IMDb nm1682433

ISNI 0000 0001 2133 1026

Relatives

See the full family tree: [inline](#)/[new page](#)

Parents

father ♂ [Barack Obama, Sr.](#)

mother ♀ [Ann Dunham](#)

Siblings

sister ♀ [Maya Soetoro-Ng](#)

Select language

Menú

Hamburguesa

Macarrón & C

Shawarma Car

T-Bone Steak

Papas Fritas

Batido Chocolate / Vainilla / Cereza \$3

[Back to main page](#)

Background image source: US Marines Corp, by Claudio A. Martinez

Font: Bad Script by Roman Shchyuk

Created by Denny Vrandecic, abril 2014

Select Language

Language search

Common languages

Deutsch

ру́сский

English

日本語

español

한국어

français

Worldwide

English

Kotava



Queries

WikiDataQuery

Main page



Build your Wikidata query (see [the API](#) for more details about queries).

Show me items that...



Claim have any of the following claims

Property

Item / Nested query

instance of

metro station



is in the administrative-territorial

P131

Washington, D.C.

Q61



Query: `claim[31:928830,131:61]` ([Permanent link](#))

Loading...

Examples: [Bridges in Germany](#) | [Taxonomy](#)

Washington, D.C. (Q61)
capital city of the United States

Washington, D.C. (Q7971591)

novel by River Gonzalez

Washington, D.C. airport (Q7971593)

Wikipedia disambiguation page

Washington, D.C. in four days (Q14238959)

Washington, D.C. mayoral election, 2006 (Q7971598)

Washington, D.C. mayoral election, 1994 (Q7971597)

<https://wdq.wmflabs.org>

Wikidata Game

tools.wmflabs.org/wikidata-game

Wikidata Game

Aude



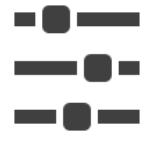
Wikidata - The game!

Here, you can find a set of "games" that help to improve Wikidata, one statement at a time.



Statistics

See how you've done so far, how others have done, and how the gamification is doing.



Settings

Your personal game settings, such as language preferences.



Random game

A random game, from the list below, is selected each time.

Makes for more variety.



Merge items

Some topics have duplicate items on Wikidata. Two items with the same title or alias will be suggested to you.

Merge identical topics, tag items as different, or skip an item pair if you are not sure. Please be very careful!



Person

Many items about people on Wikidata have no "instance of" property.

Decide if one of them is a person, or skip the item if you are not sure.

Gender

www.wikidata.org

#wikidata on [chat.freenode.net](#)

@wikidata on Twitter

wikidata-l@lists.wikimedia.org

https://www.wikidata.org/wiki/Wikidata:Status_updates

<https://www.mediawiki.org/wiki/Wikibase>

Any questions, just ask!

Katie Filbert - @filbertkm katie.filbert@wikimedia.de

aude in #wikidata on [chat.freenode.net](#)

<http://filbertkm.github.io/slides>

