



**WIKIDATA**



**WIKIDATA**



# **The State of Wikidata**

Denny and Kunal

# **The Technology behind Wikidata**

Daniel

# **Ask us anything**

Lydia, Aude, Jeroen, Daniel, Kunal, Denny



**Denny**

Project director of  
Wikidata development

Trying to keep out of  
content work for now

Usually just says “No”

**Kunal**

Active community  
member

Knows processes in  
and out

Active bot-runner



# What is Wikidata?

# What is Wikidata?



A new Wikimedia project

Supporting our vision with structured data

In development

# Since Wikimania 2012



October	Wikidata goes online
November	Admins elected
January	Language links on Hungarian, Hebrew, Italian
February	Language links on English Wikipedia Statements on Wikidata
March	Language links in all Wikipedias
April	Bureaucrats elected
May	Time
June	Location
July	Wikivoyage language links

# Hong Kong

[edit]

Special Administrative Region of China

[edit]

Also known as:

Hong Kong Special Administrative Region

HKSAR

HKG

HK

[edit]

Hong Kong SAR

## In other languages

Deutsch	Hongkong	[edit]
	Metropole und Sonderverwaltungszone an der Südküste der Volksrepublik China	[edit]
hrvatski	Hong Kong	[edit]
	<div>enter description</div> <div>[save cancel] ?</div>	
o'zbekcha	Gon Kong	[edit]
	<div>enter description</div> <div>[save cancel] ?</div>	

## Statements

continent	Asia	[edit]
	▼ 0 sources	[add source]
		[add]



Wikipedia pages linked to this item (151 entries)

Language	Code	Linked article
Acèh	acewiki	<span>Hong Kong</span> <span>[edit]</span>
Afrikaans	afwiki	<span>Hongkong</span> <span>[edit]</span>
አማርኛ	amwiki	<span>ሆንግ ኮንግ</span> <span>[edit]</span>
aragonés	anwiki	<span>Hong Kong</span> <span>[edit]</span>
العربية	arwiki	<span>هونغ كونغ</span> <span>[edit]</span>
مصرى	arwiki	<span>هونج كونج</span> <span>[edit]</span>
asturianu	astwiki	<span>Hong Kong</span> <span>[edit]</span>
azərbaycanca	azwiki	<span>Honkong</span> <span>[edit]</span>
žemaitėška	bat_smgwiki	<span>Huonkuongs</span> <span>[edit]</span>
Bikol Central	bclwiki	<span>Hong Kong</span> <span>[edit]</span>
беларуская (тарашкевіца)	be_x_oldwiki	<span>Ганконг</span> <span>[edit]</span>
беларуская	bewiki	<span>Ганконг</span> <span>[edit]</span>
български	bgwiki	<span>Хонконг</span> <span>[edit]</span>
বাংলা	bnwiki	<span>হংকং</span> <span>[edit]</span>
བོད་ཡིག	bowiki	<span>ཧྲཱུང་ཀོང་།</span> <span>[edit]</span>
বিশ্বপ্রিয়া মণিপুরী	bpywiki	<span>হংকং</span> <span>[edit]</span>
brezhoneg	brwiki	<span>Hong Kong</span> <span>[edit]</span>
bosanski	bswiki	<span>Hong Kong</span> <span>[edit]</span>
català	cawiki	<span>Hong Kong</span> <span>[edit]</span>

# Statements

continent	Asia	<a href="#">[edit]</a>
	▼ 0 sources	<a href="#">[add source]</a>
		<a href="#">[add]</a>
official language	Chinese	<a href="#">[edit]</a>
	▶ 1 source	
	English	<a href="#">[edit]</a>
	▶ 1 source	
		<a href="#">[add]</a>
flag image	Flag of Hong Kong.svg 	<a href="#">[edit]</a>
	▼ 0 sources	<a href="#">[add source]</a>
		<a href="#">[add]</a>
shares border with	Guangdong	<a href="#">[edit]</a>
	▼ 0 sources	<a href="#">[add source]</a>

# 声明

大洲

亚洲

[\[编辑\]](#)

▼ 0 来源

[\[添加来源\]](#)

[\[添加\]](#)

官方语言

汉语

[\[编辑\]](#)

► 1 来源

英语

[\[编辑\]](#)

► 1 来源

[\[添加\]](#)

旗幟圖像

Flag of Hong Kong.svg 

[\[编辑\]](#)

▼ 0 来源

[\[添加来源\]](#)

[\[添加\]](#)

接壤

广东省

[\[编辑\]](#)

▼ 0 来源

[\[添加来源\]](#)



# Statements

qit'a

Osiyo

[tahrirlash]

▼ 0 sources

[add source]

[add]

rasmiy til

Xitoy tili

[tahrirlash]

► 1 source

Ingliz tili

[tahrirlash]

► 1 source

[add]

bayroq tasviri

Flag of Hong Kong.svg 

[tahrirlash]

▼ 0 sources

[add source]

[add]

chegaradosh joylar

Guangun

[tahrirlash]

▼ 0 sources

[add source]

Mumbai

[edit]

City in India

[edit]

Also known as:

Bombay

[edit]

Statements

Population

12,478,477

[edit]

as of

2011

Method

Census

> 1 source

20,500,000

[edit]

as of

2007

Method

Estimate

Area

Metropolitan

> 2 sources

[add]

[add]

Seratonin

[edit]

Monanine neurotransmitter

[edit]

Also known as:

[add]

Statements

Co-evolved with

Collectivism-Individualism behaviour

[edit]

Sample size29

▼ 1 source

[edit]

AuthorJoan Y. Chao

AuthorKatherine D. Blizinsky

TitleCulture—gene coevolution of individualism—collectivism and the serotonin transporter gene

JournalProceedings of the Royal Society B

DOI10.1098/rspb.2009.1650

Publication date28. October 2009

[add source]

[add]

# All data available



REST API for read/write

Full dumps of everything

Many formats: JSON, XML, RDF, ...

CC0 license

Stable IDs / URIs

Linked Open Data standards



# Wolfgang Amadeus Mozart <sup>[en]</sup>

Joannes Chrysostomus Wolfgangus Theophilus Mozart | Mozart | Wolfgang Amadé Mozart | Вольфганг Моцарт | Моцарт | Франц Ксавер Вольфганг Моцарт

Austrian child prodigy, composer <sup>[en]</sup>

[male](#) <sup>[en]</sup> [composer](#) <sup>[en]</sup>

[See the full family tree](#)

## Relatives

### Parents

[father](#) ♂ [Leopold Mozart](#) <sup>WD</sup> <sup>[en]</sup>

[mother](#) ♀ [Anna Maria Mozart](#) <sup>WD</sup> <sup>[en]</sup>

### Siblings

[brother](#) ♀ [Maria Anna Mozart](#) <sup>WD</sup> <sup>[en]</sup>

### Children

♂ [Franz Xaver Wolfgang Mozart](#) <sup>WD</sup> <sup>[en]</sup>

♂ [Karl Thomas Mozart](#) <sup>WD</sup> <sup>[en]</sup>

### Other

♀ [Constanze Mozart](#) <sup>WD</sup> <sup>[en]</sup> ([spouse](#))

## Other properties

[place of birth](#) [Salzburg](#) <sup>[en]</sup>

[place of death](#) [Vienna](#) <sup>[en]</sup>

[place of burial](#) [St. Mary Cemetery](#) <sup>[en]</sup>



*Wolfgang Amadeus Mozart*

GND : [118584596](#)

LCCN : [r/B0/22788](#)

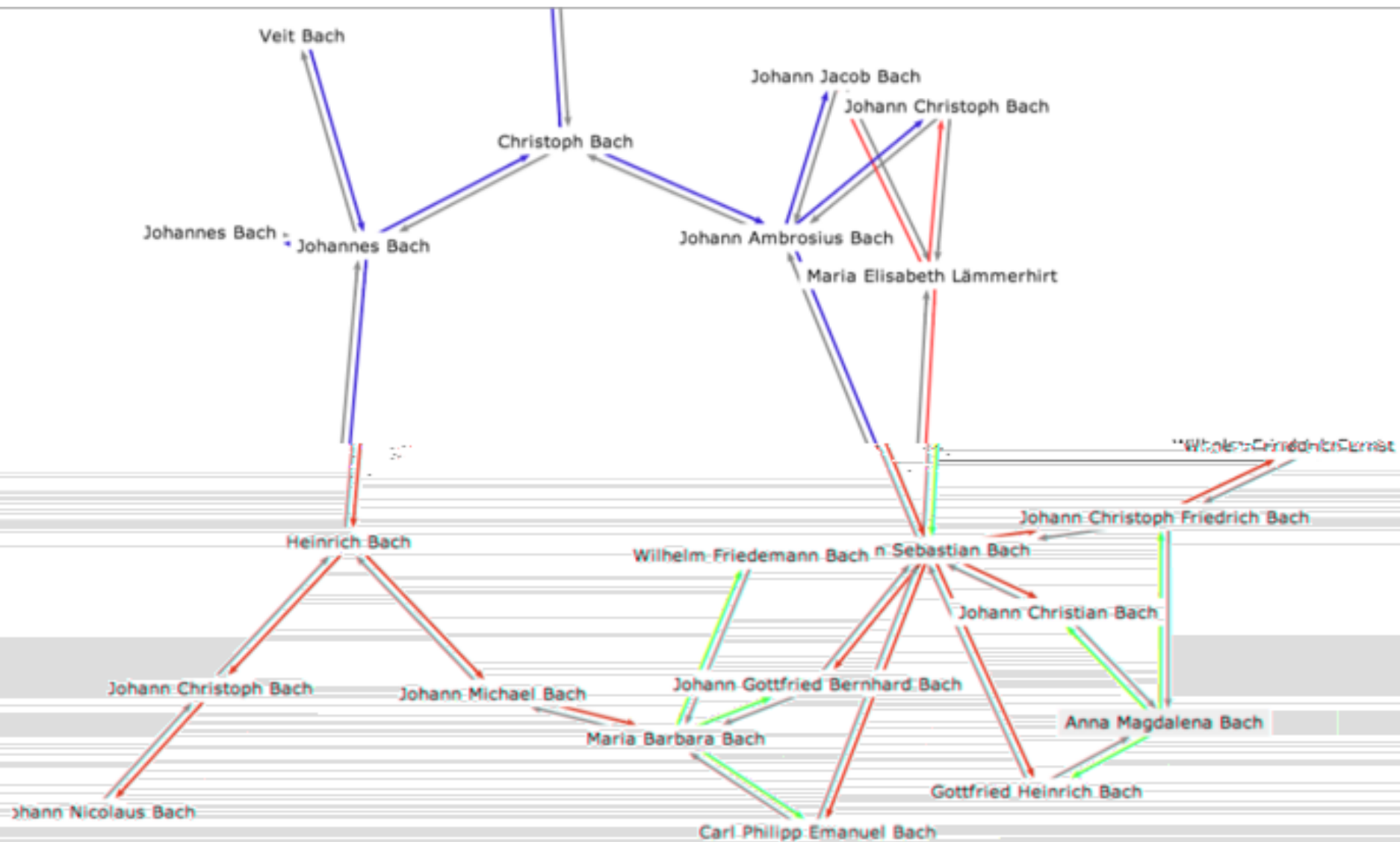
VIAF : [32197206](#)

en : [Wolfgang Amadeus Mozart](#)

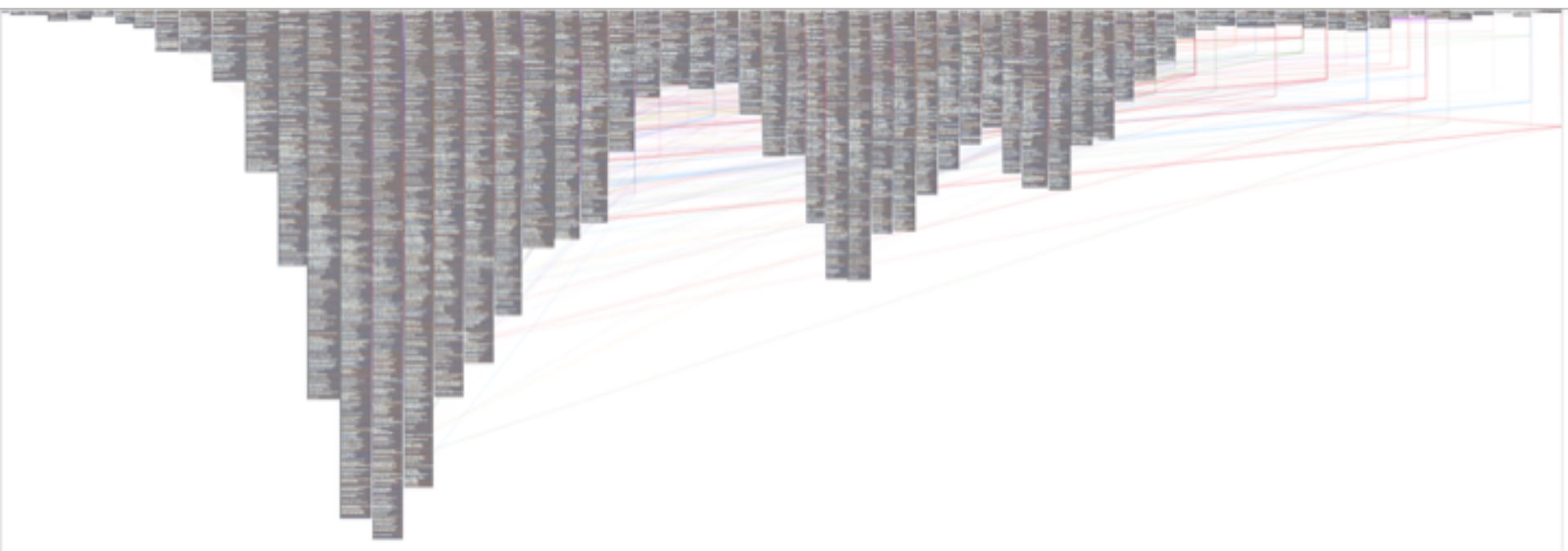
de : [Wolfgang Amadeus Mozart](#)

fr : [Wolfgang Amadeus Mozart](#)

es : [Wolfgang Amadeus Mozart](#)







# The Wiki Atlas using latest technology

Try a language:

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

## India - Administrative Divisions (Level1)





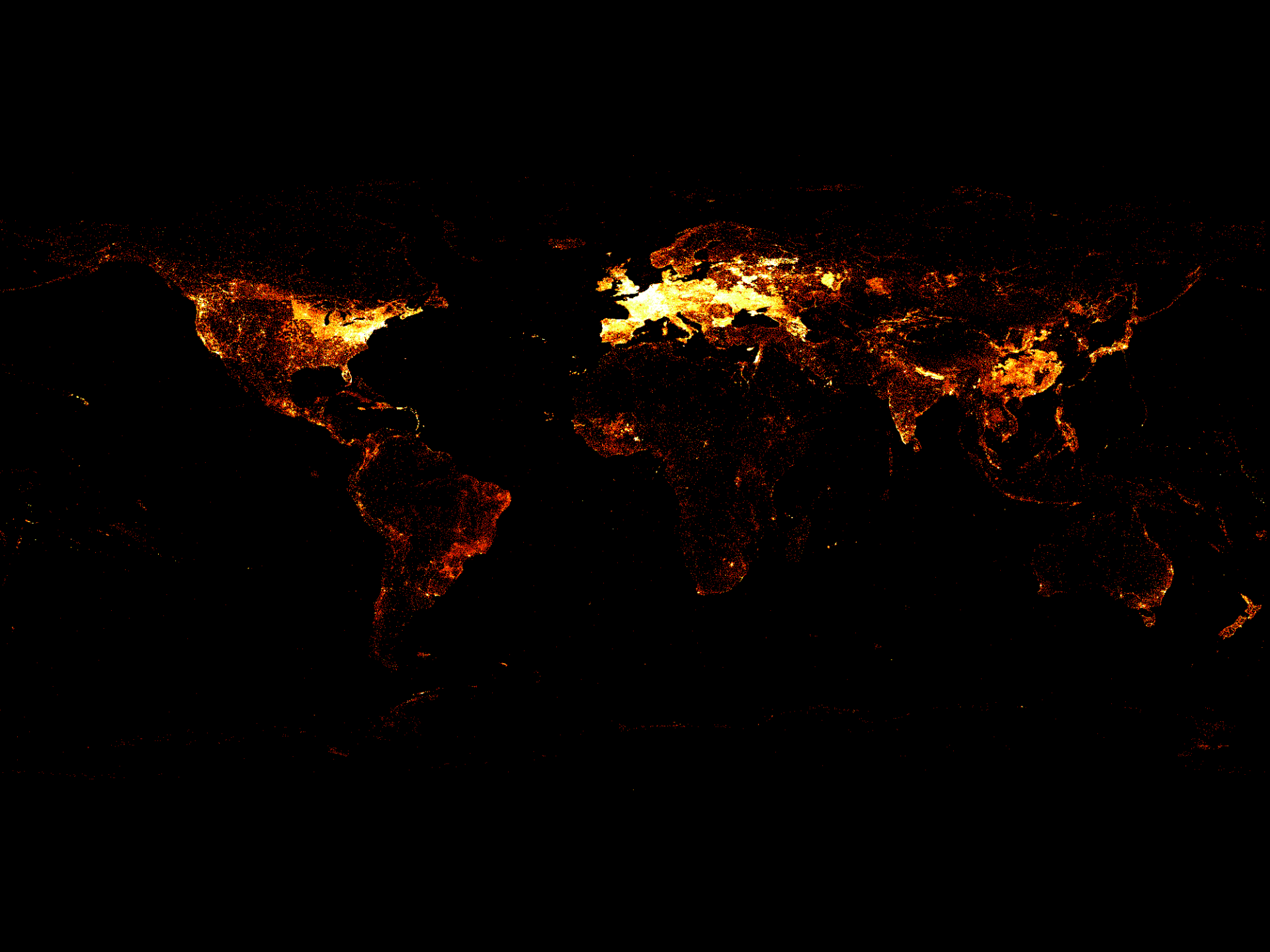




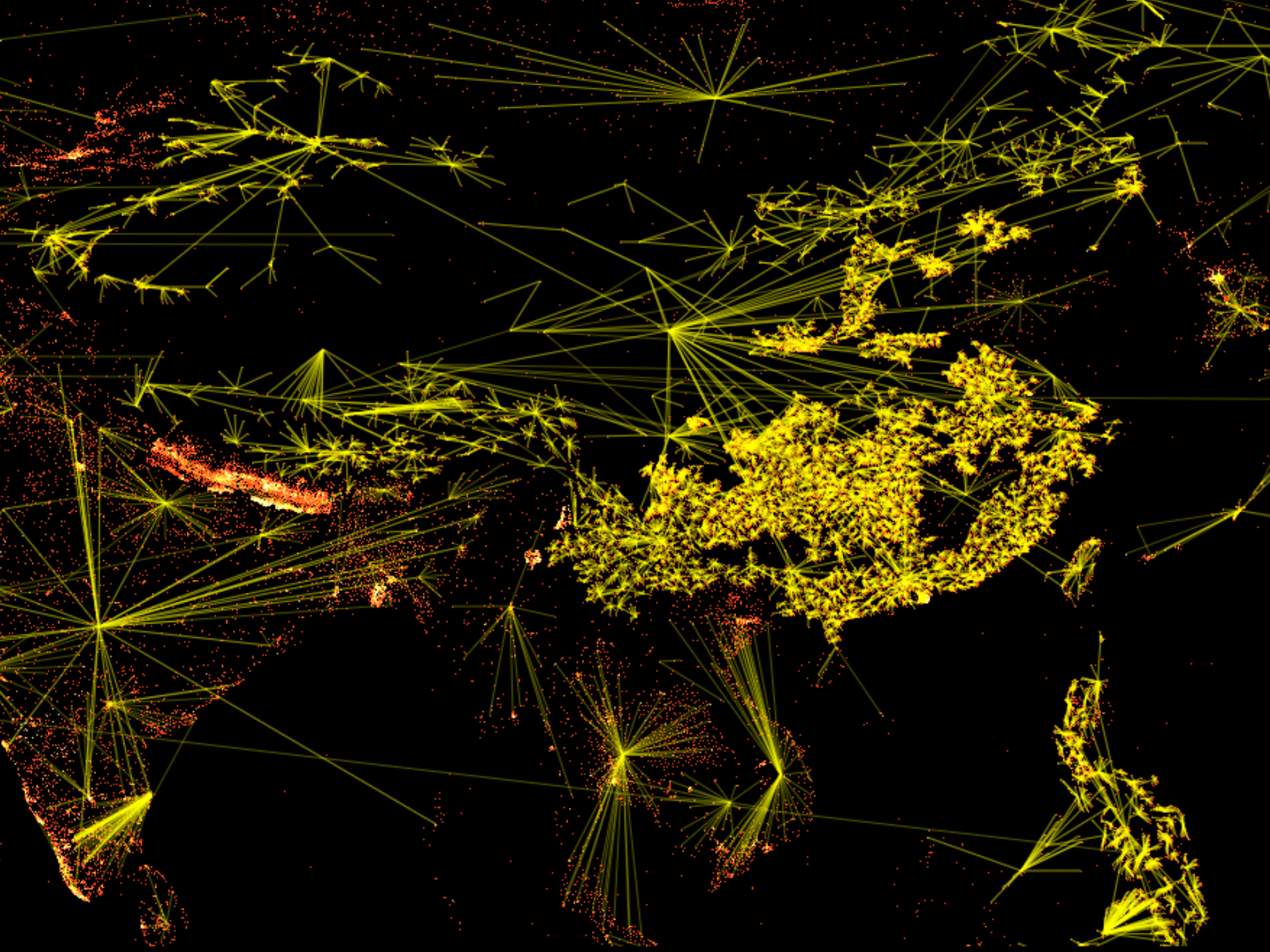
















# The Talk Page

Talk to *Wiri*, obviously named after "Wiki" with an "r", and nothing else!  
Wiri requires a modern browser (Chrome, others to follow) for the speech interface; otherwise, just type your questions.

[Show/hide examples](#)



☒ Read answer aloud ☒ Chatty ☒ Log my queries (anonymously!)

*Note:* Please type names with the first letter of each word in uppercase

<http://toolserver.org/~magnus/thetalkpage/>

# Wikidata: the Community

**Wikidata is made by bots written by people like you.**



65,125,106

edits



13,033,580

items



9,417

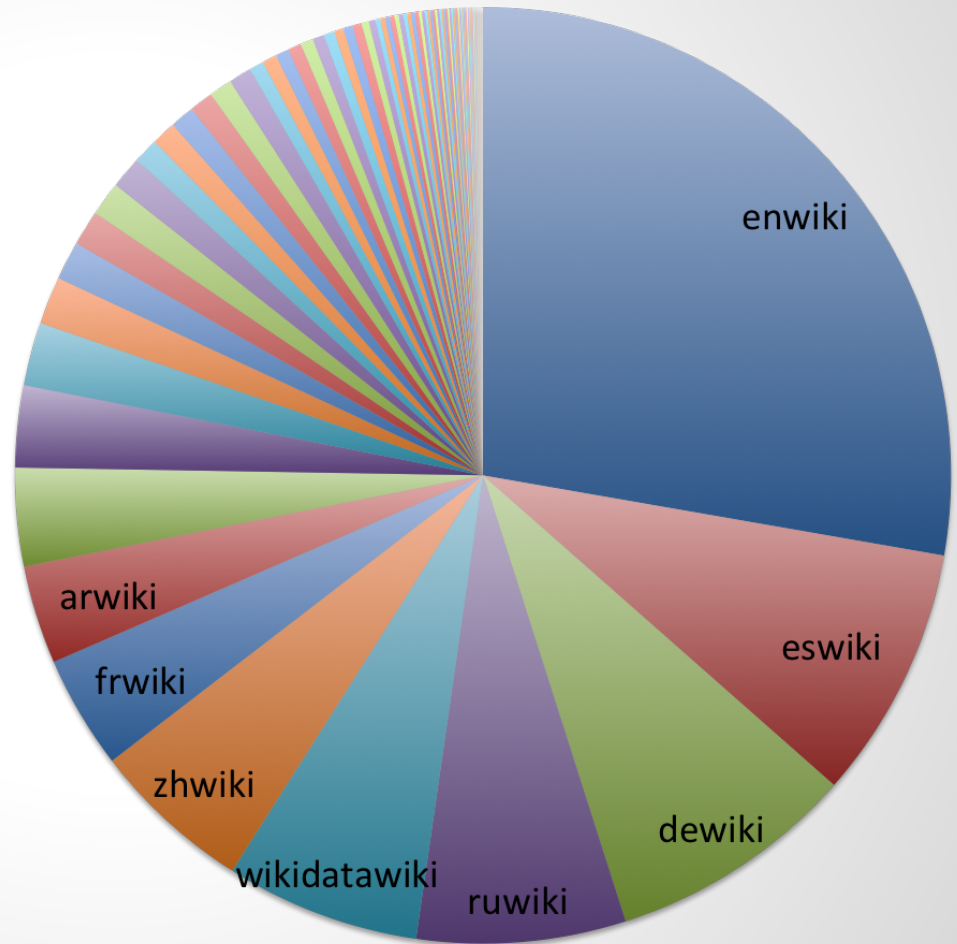
recent contributors



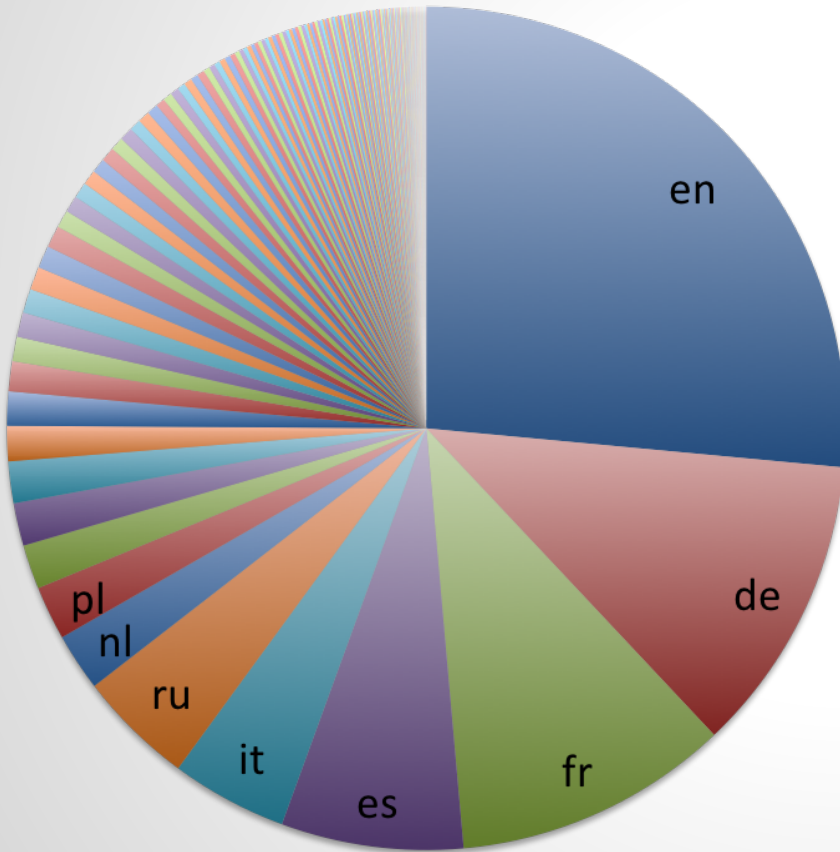
# Who are Wikidatans?

By home wiki:

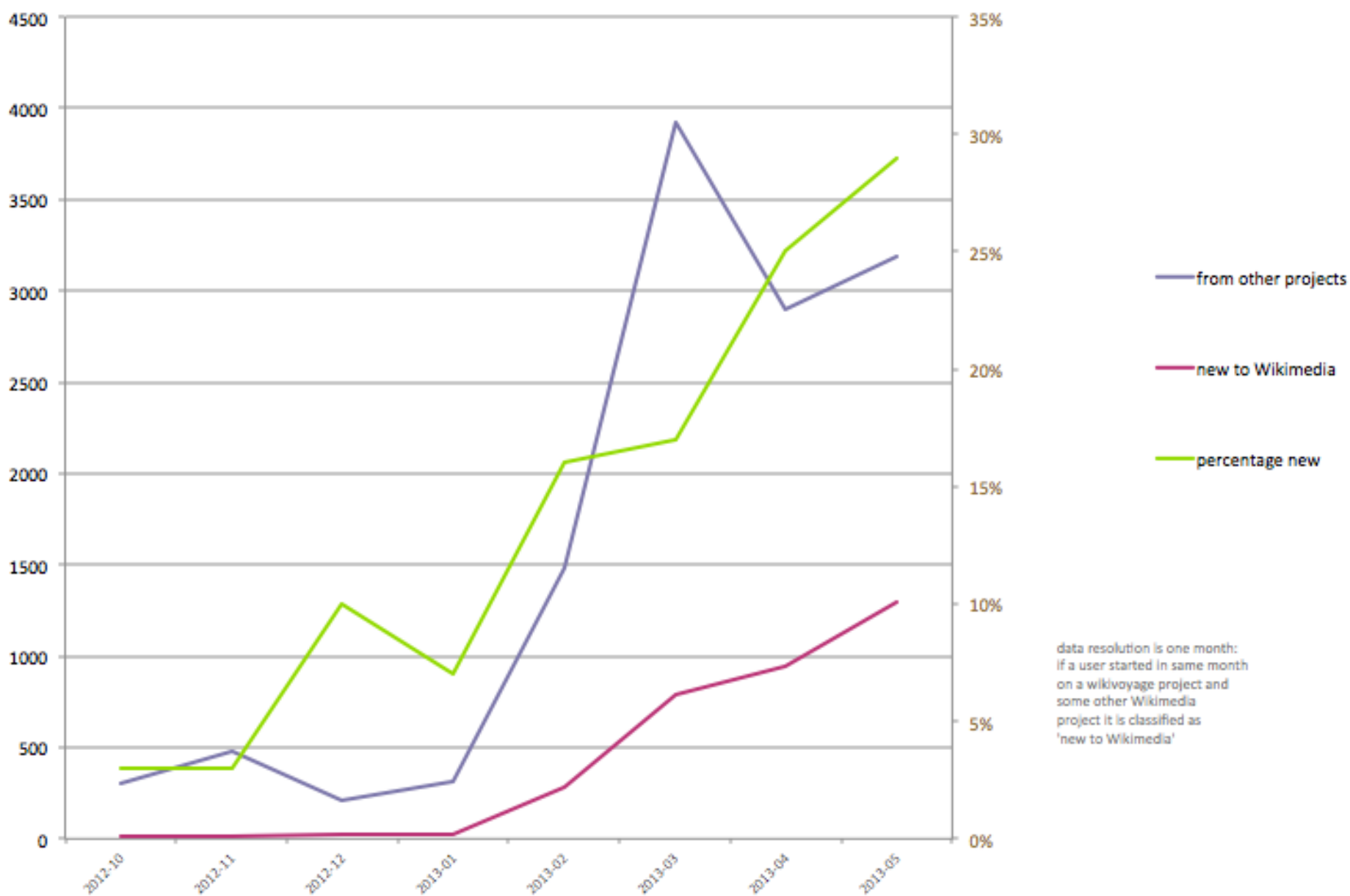
- enwiki: 28%
- eswiki: 9%
- dewiki: 9%
- ruwiki: 7%
- wikidatawiki: 7%
- zhwiki: 6%
- 103 different projects



# Who are Wikidatans?



- en: 26%
- de: 11%
- fr: 11%
- es: 7%
- it: 4%
- ru: 4%
- 171 languages represented



# Statistics

- 3900 active users
- 75 flagged bots
- 86 administrators (sysops)
- 4 bureaucrats
- 37 task forces
- database is 106.6GB (as of 08/01/13)

# Use Common Sense

“This policy is simple: Use common sense. This policy applies to everything on Wikidata, including editing, interactions with other editors and interpreting other policies. If another policy or guideline prevents a useful contribution to Wikidata, use common sense and ignore it.”

# Notability

- Policy is intentionally vague
- User pages not allowed
- Non-free images not allowed
- Some items explicitly excluded like category redirects
- “structural items” - anything needed to complete a tree

# Sourcing

- Discussions about what needs sourcing, and how to source
- Guidelines in progress at `[[d:Help:Sources]]`
- “imported from [language] Wikipedia”
- Waiting on URL datatype

# **“main type” (p107)**

- p107 is used 4,137,386 times
- 2 deletion requests (no consensus)
- In favor: Wikidata can have as many “main types” as we want, just create more properties for them
- Against: Forces data to be categorized into 7 arbitrary types and has no advantages over “instance of”



Where are we?

240,000,000

language links removed

**17,000,000**  
statements created

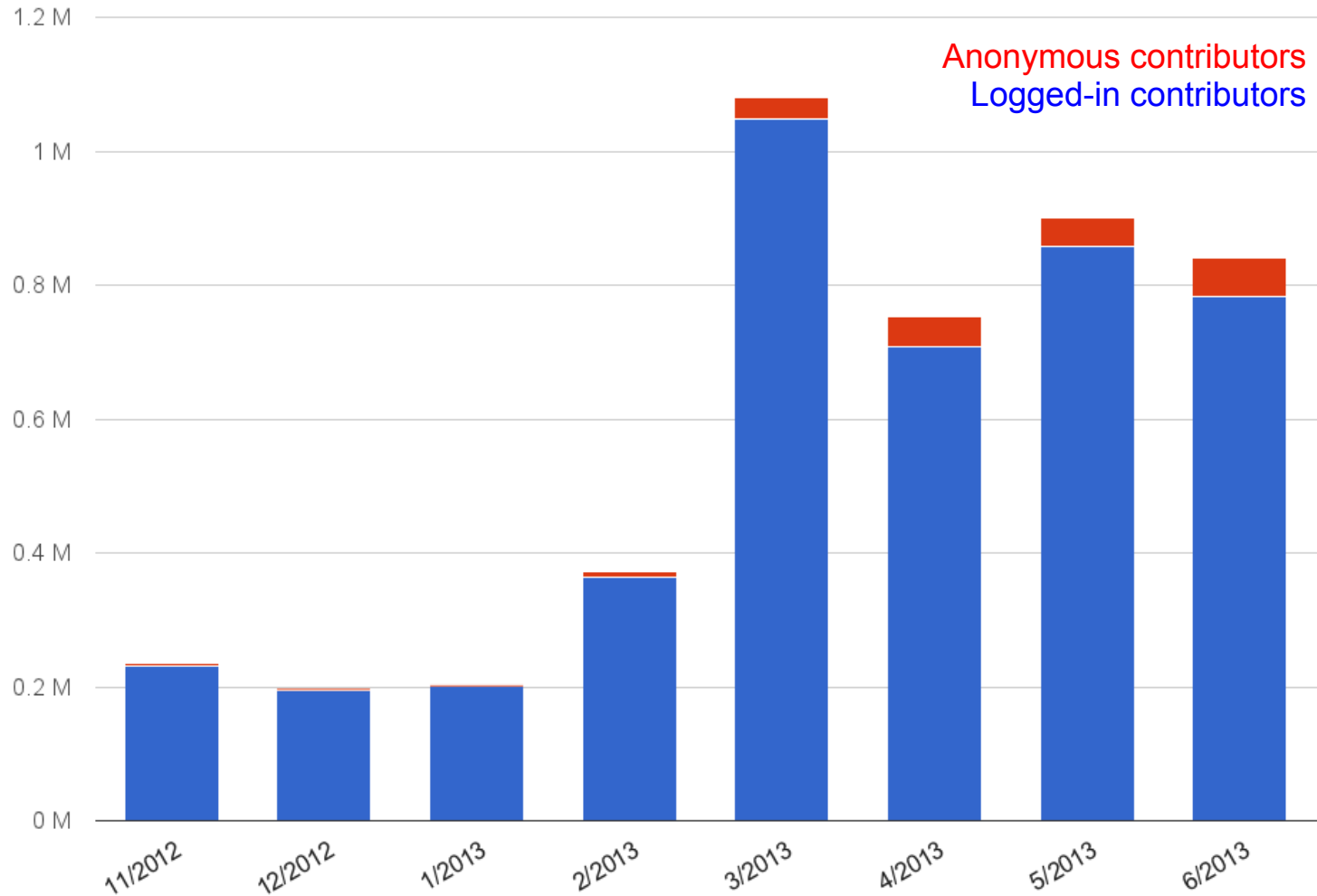
**3,900**  
**active editors**

(ranked #6)

**1,300**  
**new Wikimedians**

66,000,000  
edits

# Human edits per month



# What's next?

URL data type

Text data type

Wikivoyage data access

Querying by Property-Value

Sorting

Ranking statements

Arbitrary access to Wikidata data

Next sister projects

...



# No, the next BIG thing?

Commons

Wiktionary

Query result visualizations

Interactive visualizations

...

Display something on missing searches?

A multilingual Wikipedia?

Inferring knowledge?

Question-answering?

An open AI in which everyone can share in?



**WIKIDATA**

Join us!