Wikidata
and its community

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December 2017
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Giving more
people
more
access to
more
knowledge!

What is Wikidata?

- A knowledge base
- Part of the Wikimedia projects
- Structured data
- Linked to other databases
- Multilingual
- Collaborative
- Released under public domain (CC0)
- Based on facts and references
- Made for humans and machines

Why Wikidata?

- Provide structured data for Wikipedia
- ...and the other Wikimedia projects
- ...and the rest of the world

South Pole Telescope

From Wikipedia, the free encyclopedia

Coordinates: 90°S 0°E

The South Pole Telescope (**SPT**) is a 10 meter (394 in) diameter telescope located at the Amundsen–Scott South Pole Station, Antarctica. The telescope is designed for observations in the microwave, millimeter-wave, and submillimeter-wave regions of the electromagnetic spectrum, with the particular design goal of measuring the faint, diffuse emission from the cosmic microwave background (CMB).[1] The first major survey with the SPT–designed to find distant, massive, clusters of galaxies through their interaction with the CMB, with the goal of constraining the dark energy equation of state–was completed in October 2011. In early 2012, a new camera was installed on the SPT with even greater sensitivity and the capability to measure the polarization of incoming light. This camera is designed to measure the so-called "B-mode" or "curl" component of the polarized CMB, leading to constraints on the mass of the neutrino and the energy scale of inflation.[2]

The SPT collaboration is made up of over a dozen (mostly North American) institutions, including the University of Chicago, the University of California-Berkeley, Case Western Reserve University, Harvard/Smithsonian Astrophysical Observatory, the University of Colorado-Boulder, McGill University, The University of Illinois at Urbana-Champaign, University of California at Davis, Ludwig Maximilian University of Munich, Argonne National Laboratory, and the National Institute for Standards and Technology. It is funded by the National Science Foundation.

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6 Funding
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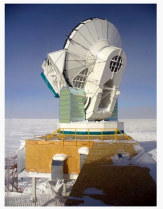
South Pole Telescope



The South Pole Telescope in November 2009

Location(s)	Amundsen–Scott South Pole Station, Antarctic Treaty area[*]
Coordinates	90°S 0°E
Altitude	2.8 kilometre
Built	November 2006–February 2007
First light	16 February 2007
Telescope style	Gregorian telescope, radio telescope
Diameter	10.0 metre
Collecting area	78.5 square metre
Website	pole.uchicago.edu

Related media on Wikimedia Commons [edit on Wikidata]

Microwave/millimeter-wave observations at the South Pole [edit]

The South Pole is the premier observing site in the world for millimeter-wavelength observations. The Pole's high altitude (2.8 km/1.7 mi above sea level) means the atmosphere is thin, and the extreme cold keeps the amount of water vapor in the air low.[3] This is particularly important for observing at millimeter wavelengths, where incoming signals can be absorbed by water vapor, and where water vapor emits radiation that can be confused with astronomical signals. Because the sun does not rise and set daily, the atmosphere at the pole is particularly stable. Further, there is no interference from the sun in the millimeter range during the months of polar night.

The telescope [edit]

The telescope is a 10-meter (394 in) diameter off-axis Gregorian telescope in an altazimuth mount (at the poles, an altazimuth mount is effectively identical to an equatorial mount). It

Main page
Community portal
Project chat
Create a new item
Recent changes
Random item
Query Service
Nearby
Help
Donate

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Concept URI
Cite this page
Automatic addition

Douglas Adams (Q42)

English writer and humorist

Douglas Noël Adams | Douglas Noel Adams | Douglas N. Adams | DNA

edit

▾ In more languages

Language	Label	Description	Also known as
English	Douglas Adams	English writer and humorist	Douglas Noël Adams Douglas Noel Adams Douglas N. Adams DNA
German	Douglas Adams	britischer Schriftsteller	Douglas Noël Adams Douglas Noel Adams
French	Douglas Adams	écrivain anglais de science-fiction	Douglas Noel Adams Douglas Noël Adams
Italian	Douglas Adams	scrittore inglese	Douglas Noel Adams Douglas N. Adams

All entered languages

Statements

instance of	human ▸ 2 references	edit
	+ add value	
image	Douglas adams portrait cropped.jpg media legend: Portræt af Douglas Adams (Danish); Douglas Adams portrait. (English); Portrait de Douglas Adams. (French)	edit

Wikipedia (71 entries) edit

ar	دوغلاس آدمز
arz	دوجلاس ادامز
ast	Douglas Adams
azb	داقلاس آدامز
az	Duqlas Adams
bar	Douglas Adams
be_x_old	Дуглас Адамз
be	Дуглас Адамс
bg	Дъглас Адамс
bn	ডগলাস অ্যাডামস
bs	Douglas Adams
ca	Douglas Adams
cs	Douglas Adams
cy	Douglas Adams
da	Douglas Adams
de	Douglas Adams
el	Ντάγκλας Άνταμς
en	Douglas Adams
eo	Douglas Adams
es	Douglas Adams
et	Douglas Adams
eu	Douglas Adams
fa	داگلاس آدامز
fi	Douglas Adams
fr	Douglas Adams
ga	Douglas Adams
gl	Douglas Adams
he	דאגלס אדמס
hr	Douglas Adams

height	1.96 metre	edit
	1 reference	
		+ add value

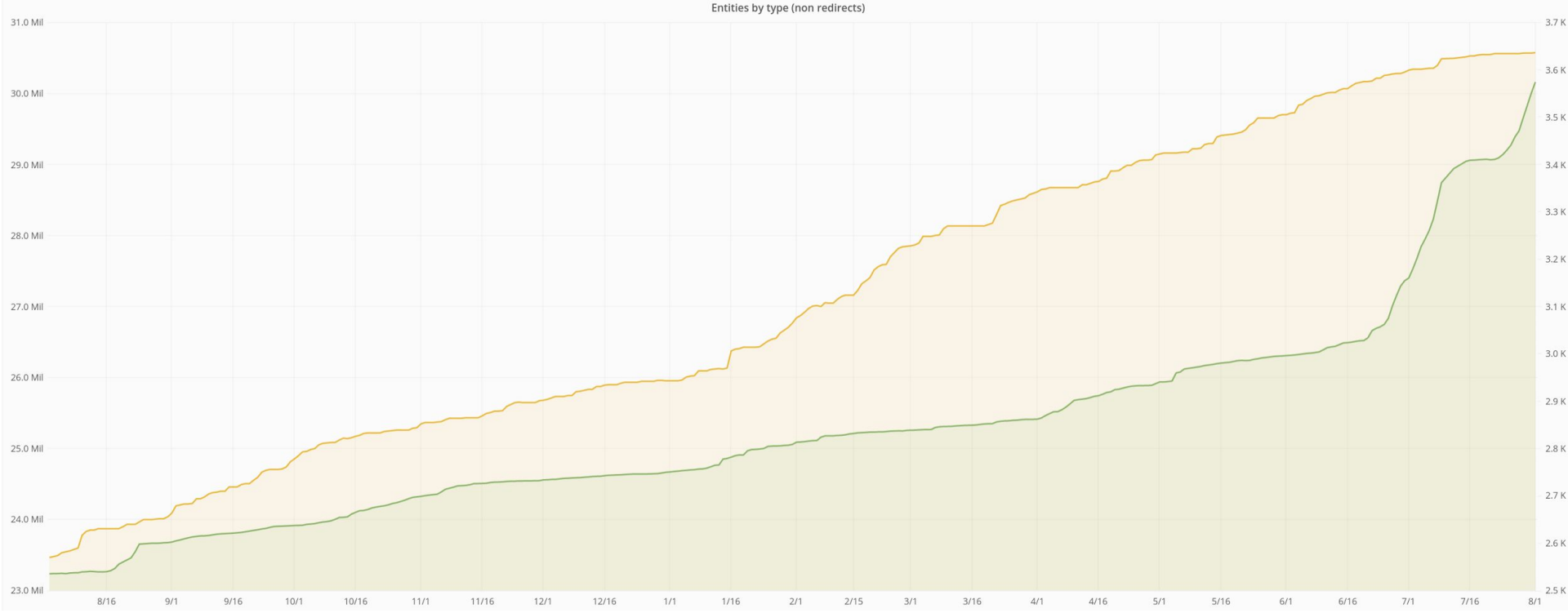
nominated for	Hugo Award for Best Dramatic Presentation	edit
	for work: The Hitchhiker's Guide to the Galaxy	
	point in time: 1979	
	0 references	
		+ add reference
	Locus Award for Best Science Fiction Novel	edit
	point in time: 1983	
	for work: Life, the Universe and Everything	
	0 references	
		+ add reference
		+ add value

educated at	St John's College	edit
	end time: 1974	
	academic major: English literature	
	academic degree: Bachelor of Arts	
	start time: 1971	
	2 references	
	Brentwood School	edit
	end time: 1970	
	start time: 1959	
	0 references	
		+ add reference
		+ add value

Identifiers

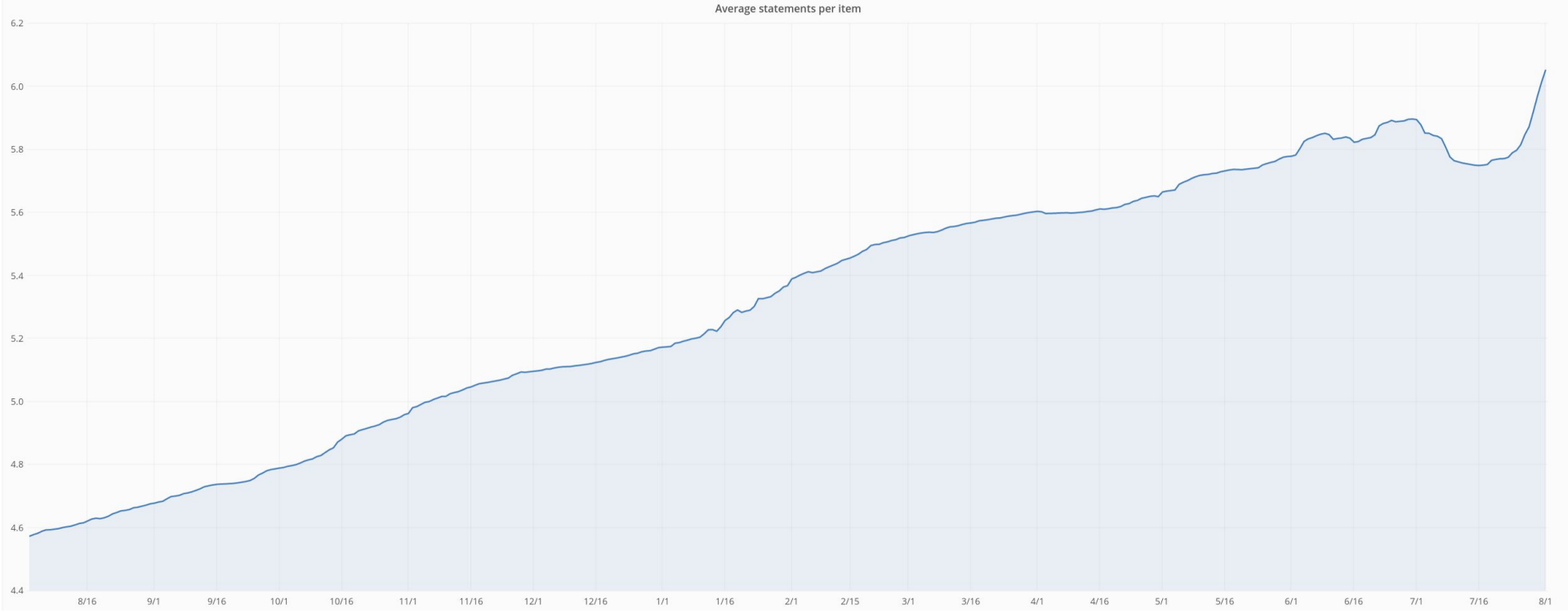
BIBSYS ID	90196888 0 references + add reference + add value	edit
LNB ID	000057405 1 reference + add value	edit
Library of Congress authority identifier	n80076765 1 reference + add value	edit
RSL ID (person)	000002833 1 reference + add value	edit
VIAF ID	113230702 1 reference + add value	edit
IMDb ID	nm0010930 1 reference + add value	edit

Wikidata over the last year

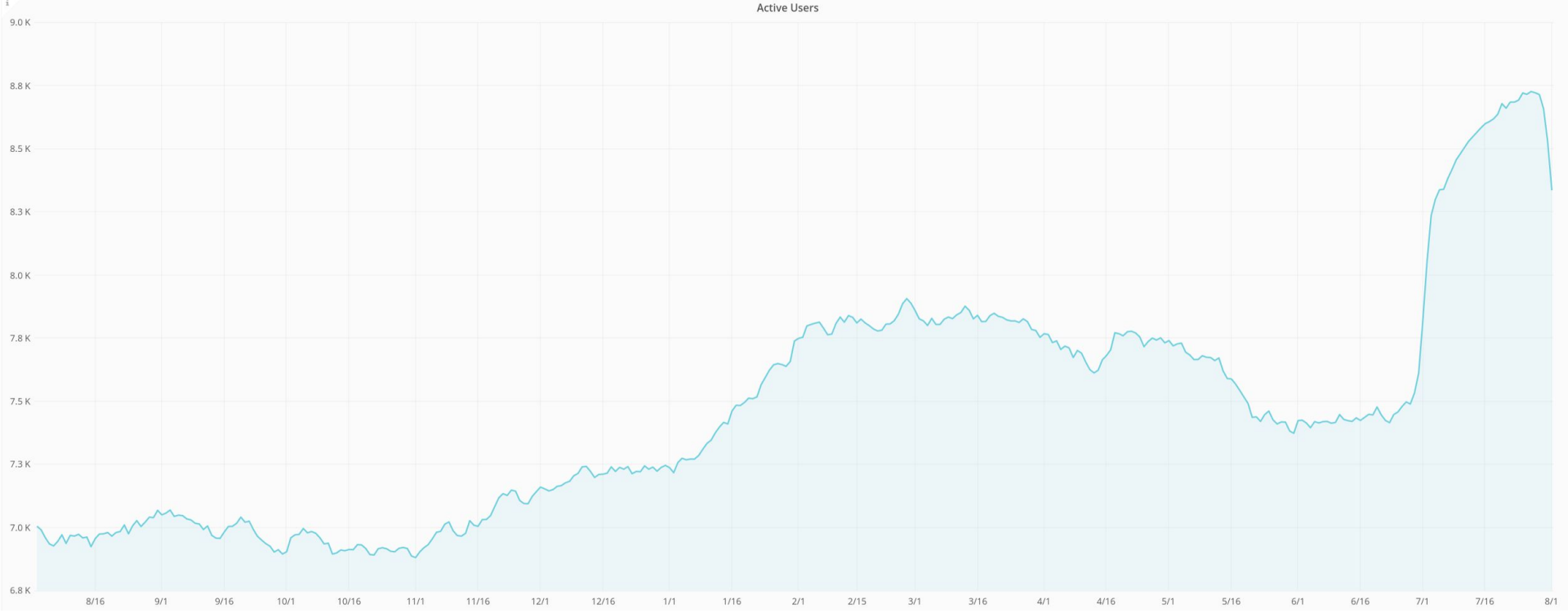


39 Mil items

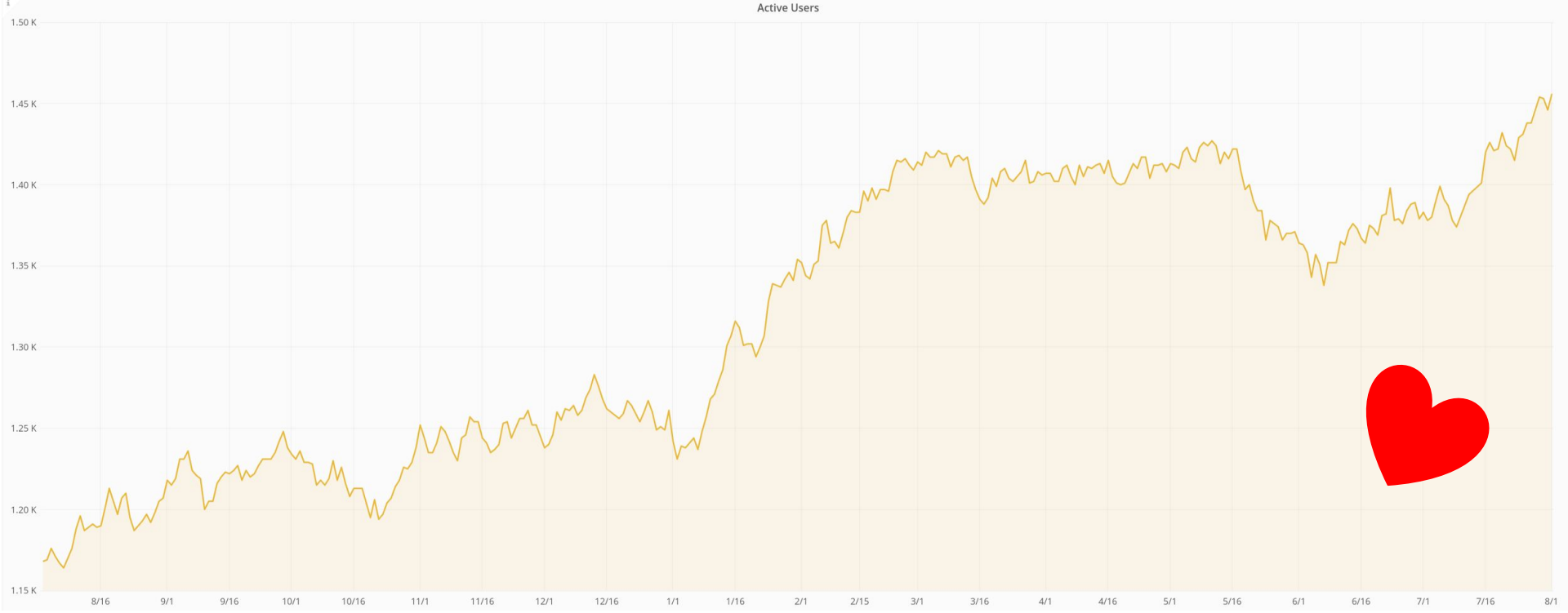
3700 properties



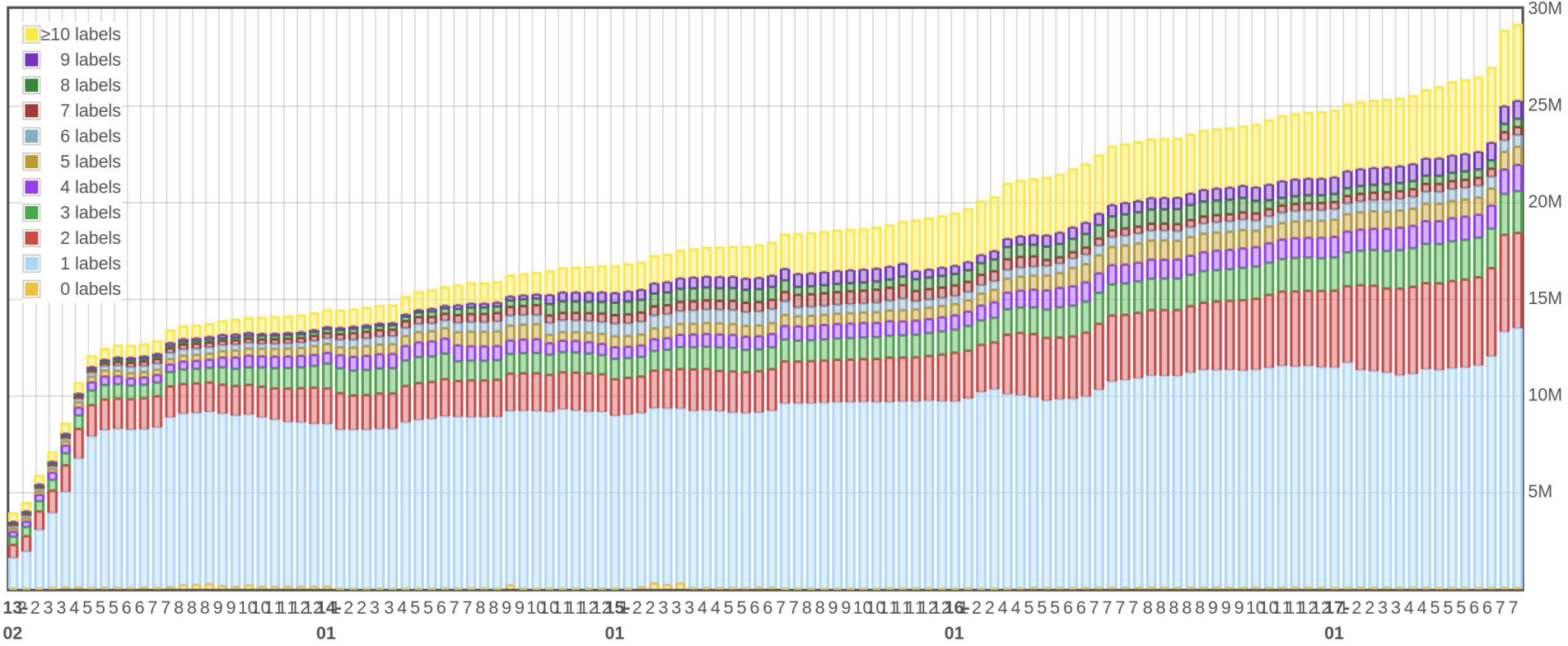
7 statements/item



8700 active editors



1400 very active editors


≥10 labels
9 labels
8 labels
7 labels
6 labels
5 labels
4 labels
3 labels
2 labels
1 labels
0 labels
30M
25M
20M
15M
10M
5M
01
01
01
01

A galaxy of tools

Match with other databases
- Mix'n'Match

Add data
- Wikidata Games
- QuickStatements
- DuplicateReferences

Query
- Query service
- API

Watch
- Constraint reports
- COOL-WD
- ORES

Reuse data
- Inventaire
- Histropedia
- Reasonator
- WikiShootMe

...and way more: https://www.wikidata.org/wiki/Wikidata:Tools

Wikidata games

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

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 human, or skip the item if you are not sure.

Gender
Many items about people on Wikidata have no gender property set.
Add a sex/gender statement "male" or "female", or skip the item if you are not sure.

Occupation
These people have no occupation, but their articles suggest some.

Alma mater
These people have no alma mater, but their articles suggest some.

Country of citizenship
These people have a birth place, but no country of citizenship (P27).

Disambiguation items
These items could represent disambiguation pages, and should be marked as such!

Date
These people have birth and/or death date missing.

Image
These items have no image, but their Wikipedia articles do.

Commons category
These items have no Commons category, but one with the exact same name exists.

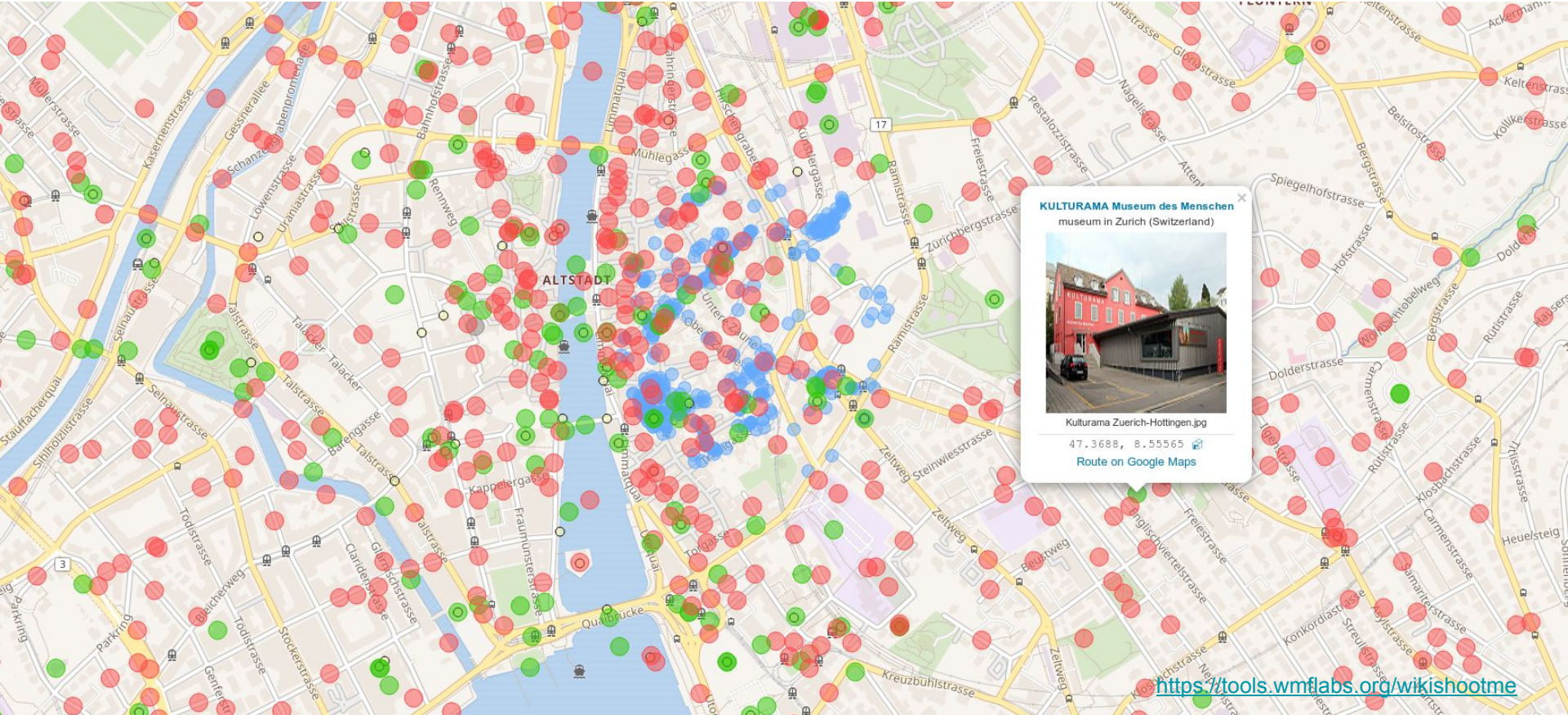
Books without author
These books have no author on Wikidata, but their Wikipedia articles might.

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

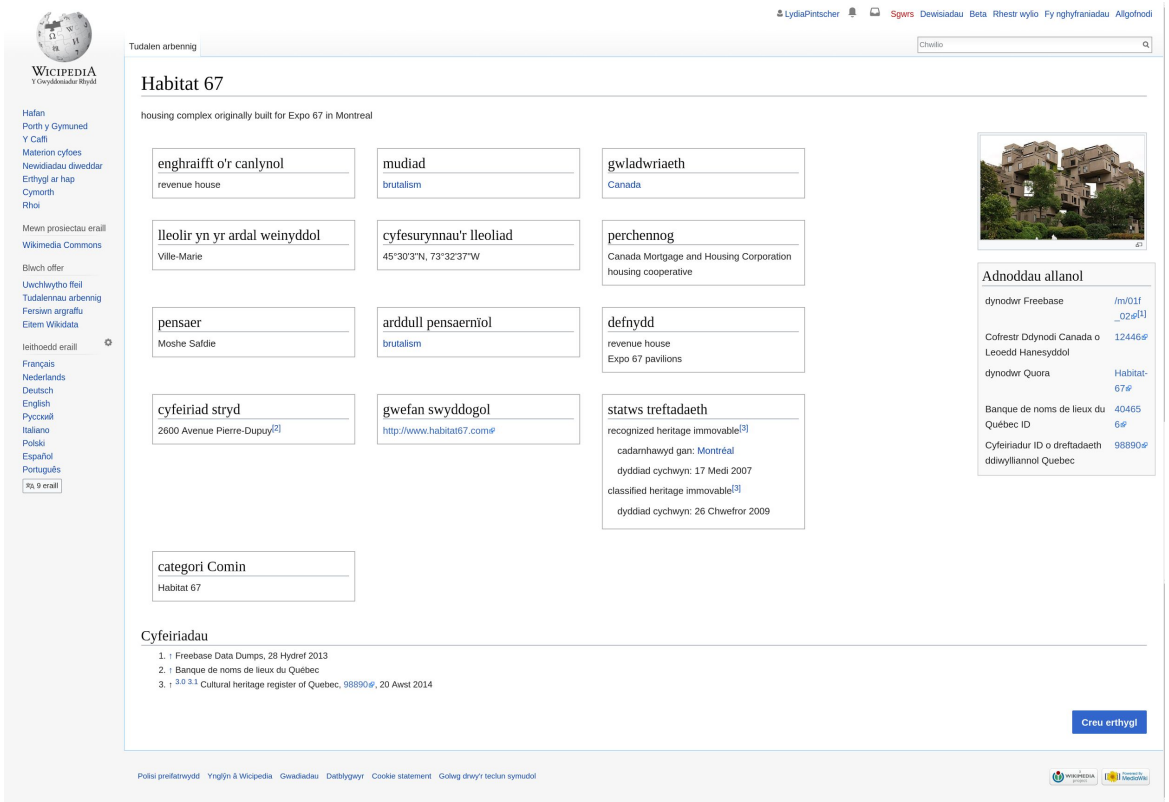
Settings
Your personal game settings, such as language preferences.

https://tools.wmflabs.org/wikidata-game/

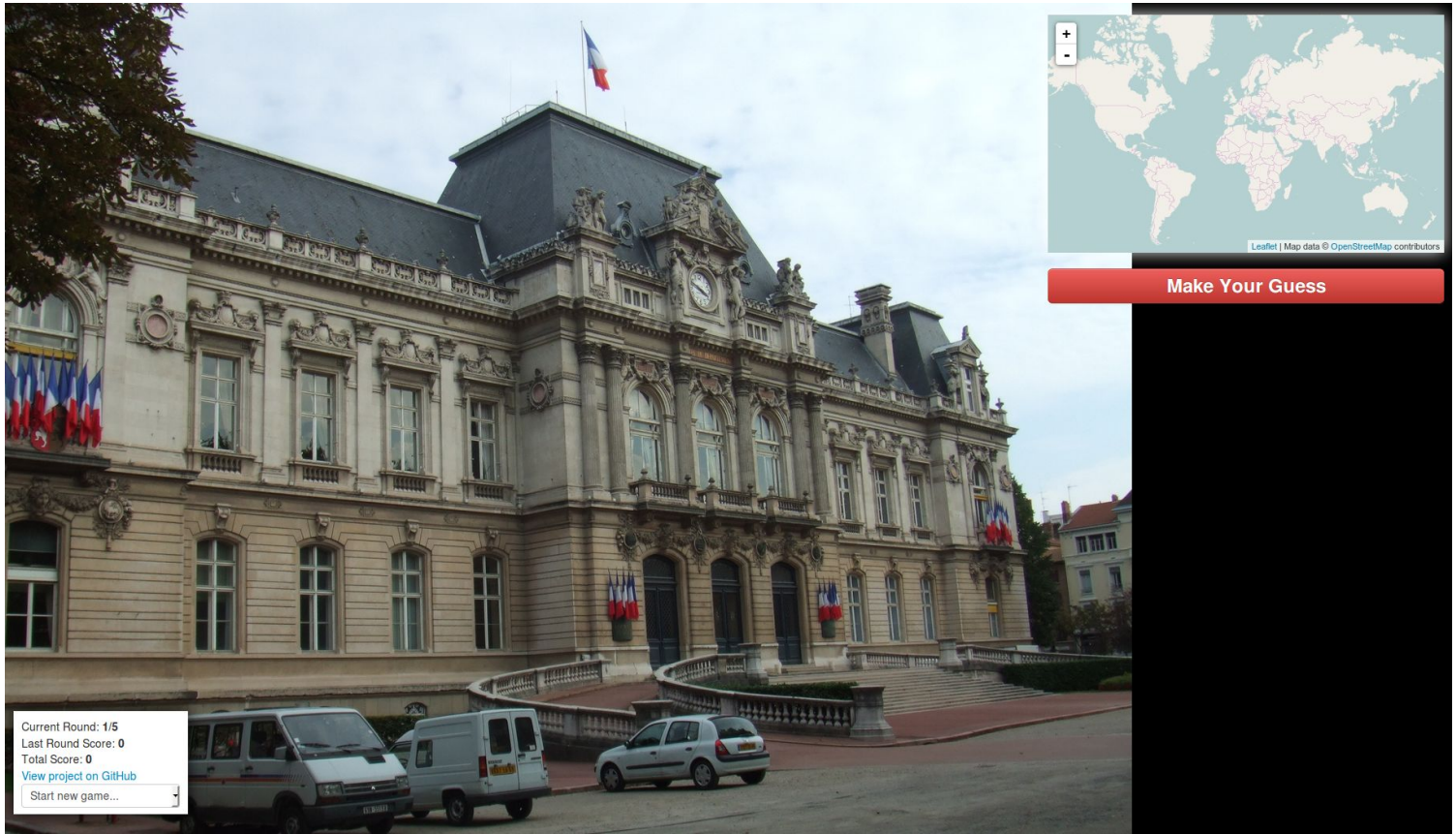
WikiShootMe



ArticlePlaceholder

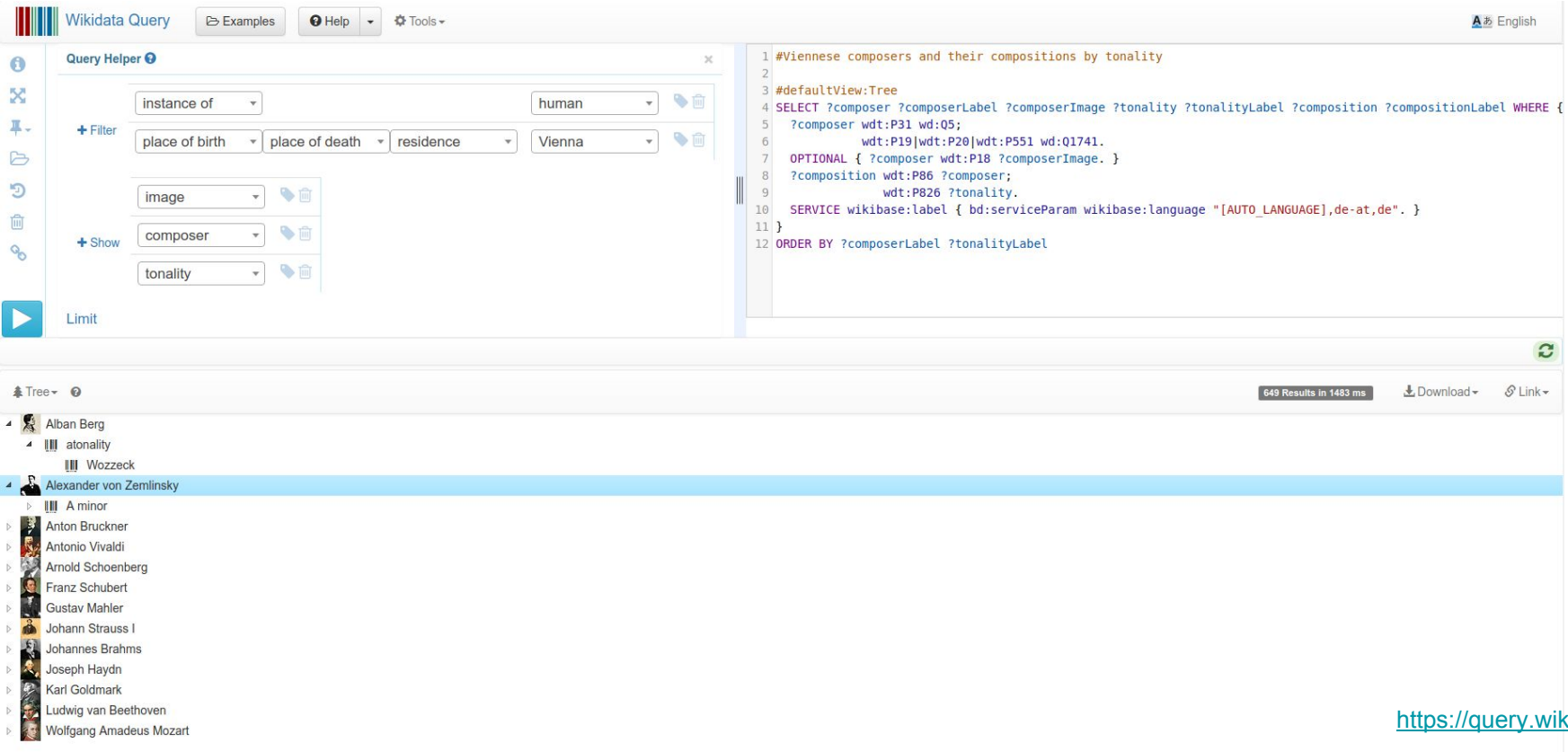


Guessr



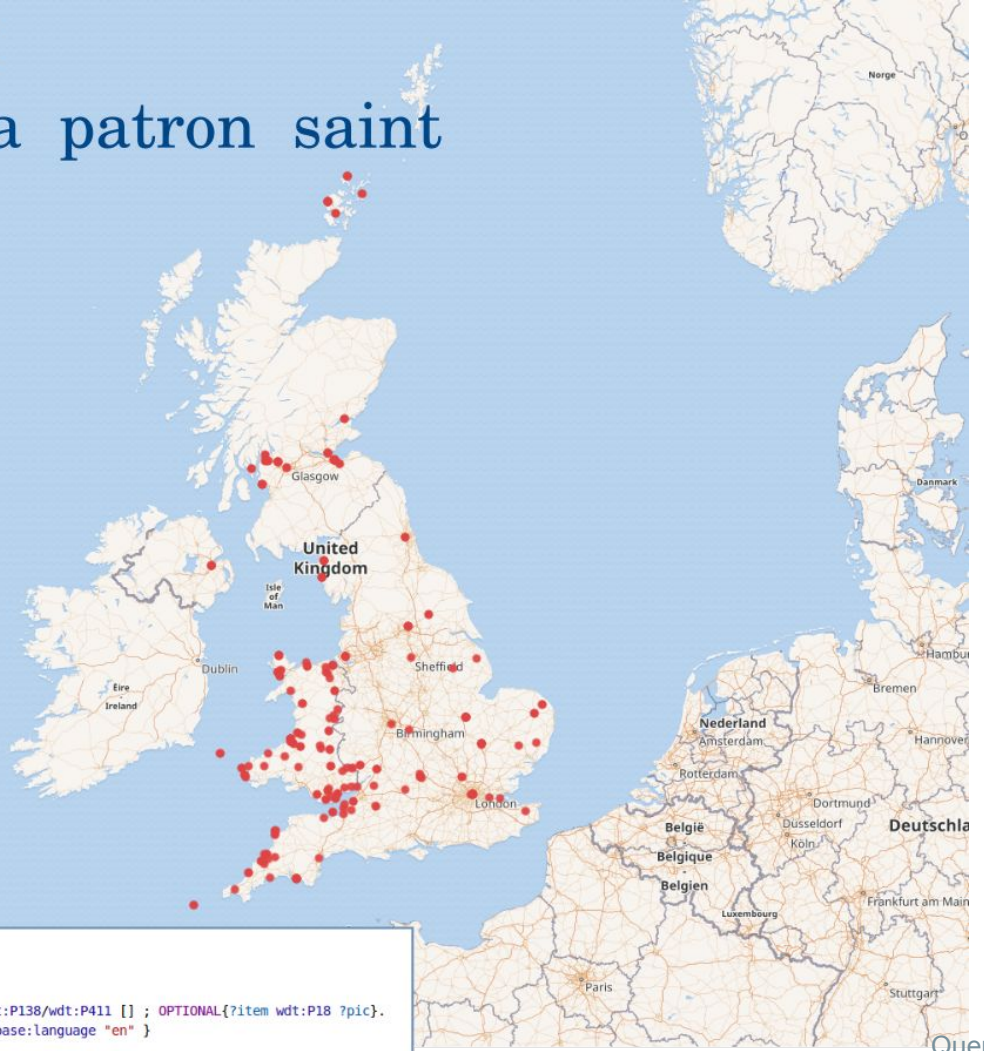
http://guessr.morr.cc/

Query Service



https://query.wikidata.org/

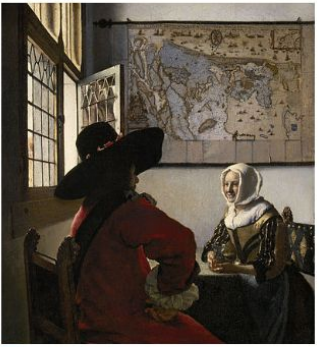
Places in UK named after a patron saint




```
SELECT ?item ?itemLabel ?coord ?pic
WHERE
{
    ?item wdt:P17 wd:Q145 ; wdt:P625 ?coord ; wdt:P138/wdt:P411 [] ; OPTIONAL{?item wdt:P18 ?pic}.
   SERVICE wikibase:label { bd:serviceParam wikibase:language "en" }
}
```

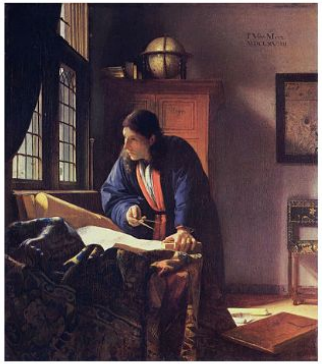
Query: http://tinyurl.com/y74tnokk

[Country flags including a sun]



commons:Johannes Vermeer - De Soldaat en het Lachende Meisje - Google Art Project.jpg
United States of America
Frick Collection
50.5×46
1657
Officer and Laughing Girl
wd:Q467376

commons:Jan Vermeer van Delft 011.jpg
Austria
Kunsthistorisches Museum
120×100
1660
The Art of Painting
wd:Q588695



commons:J. VERMEER - El geógrafo (Museo Städel, Fráncfort del Meno, 1669).jpg
Germany
Städel
53×46.6
1668
The Geographer
wd:Q45130

commons:Vermeer, Johannes - Woman reading a letter - ca. 1662-1663.jpg
Netherlands
Rijksmuseum
46.6×39.1
1660
Woman in Blue Reading a Letter
wd:Q166937

commons:Jan Vermeer van Delft 019.jpg
United States of America
Metropolitan Museum of Art
45.7×40.6
1660
Woman with a Water Jug
wd:Q386453

commons:El astrónomo.jpg
France

commons:Johannes Vermeer -

commons:Vermeer, Woman

[Paintings by Vermeer depicting maps]

A diverse community

- International and multilingual
- Representing diverse countries, languages, cultures
- Interested in many specific topics
- Not only editors: also reusers, coders, partners, data providers
- Some have technical skills (coding tools, scripts…)
- Some have knowledge about ontologies
- Some are editors on other Wikimedia projects, some aren’t

Their motivations

- Provide a database that anyone can reuse
- Provide a strong and reliable source of information
- Committed to free knowledge and open data
- Concerned about data completeness and quality
- Attracted by novelty and blank field

Different tasks and roles

- Add new information and references
- Add labels in their languages
- Organize the content: propose and discuss new properties
- Import mass data from another free source
- Clean and fix the information

Different tasks and roles

- Connect items to Wikipedia articles
- Create tools to reuse data
- Create tools to help the work of other editors
- Take care of the social part, solve issues
- Write help pages and help newcomers

Projects to come

- Improve the access from Wikipedia
- Lexicographical data
- Structured data for Commons
- Focus on quality and completeness
- Wikidata 6th birthday and other events

Thank you!

www.wikidata.org
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@Auregann
December 2017
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