

# GLAM partnerships with Wikidata

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# Wikidata

Wikidata is a free linked database that can be read and edited by both humans and machines.

Wikidata acts as central storage for the structured data of its Wikimedia sister projects including Wikipedia.

Wikidata can be used by anyone for everything because all data is in the Public Domain (CC0).



# Wikidata

Giving more people more  
access to more knowledge



# What is Wikidata actually?

- repository of the world's knowledge
- database anyone can read and edit
- multi-lingual
- designed to deal with the reality

Wikipedia has to deal with

- free and open source software

**17,300,000+ items**

# Items

- Items are real things or concepts. eg. Berlin, Barack Obama, Helium and are identified using a unique ID e.g. Q76 or Q13813879
- Items have labels, descriptions, aliases, sitelinks and claims/statements

**A single piece of knowledge in the world**

# Properties

- Properties are used to label data e.g. “Born in” or “Date of Death” or “Location”

**Some feature that a piece of knowledge can have**

# Statements

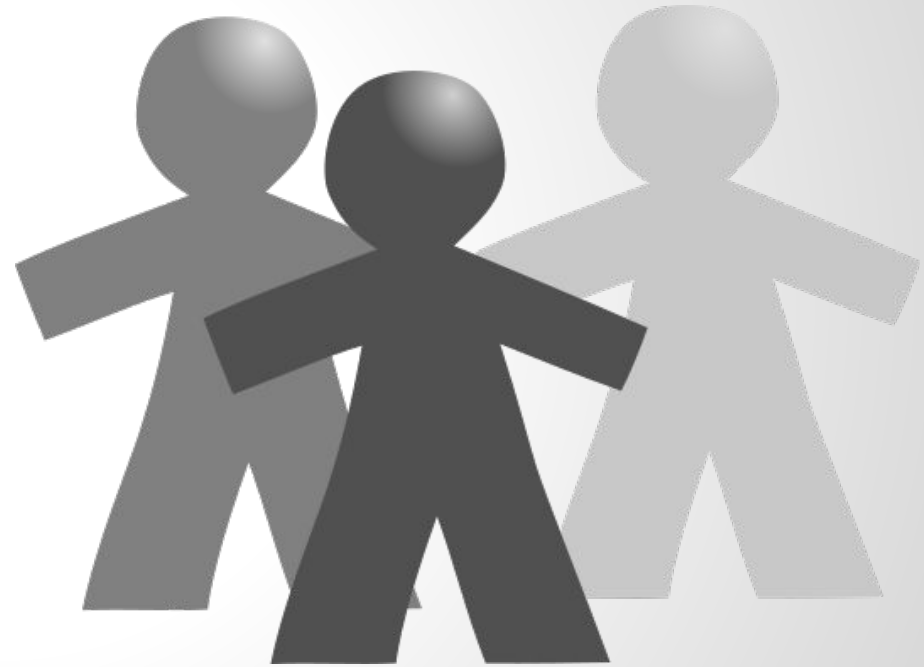
- Statements hold information e.g.
  - P47 (shares border with) => Q64 (Berlin)
  - P1128 (employees) => 1,000+-100
- Statements also have
  - Qualifiers, to expand on the information
  - References, telling you where the information is from

**“This piece of knowledge has this feature (according to this source)”**



Item:  
Berlin (Q64)

Property:  
Population (P1082)



Statement: **Q64 has P1082: 3.5 Mio**

# Example Item

[wikidata.org/wiki/Q267877](https://wikidata.org/wiki/Q267877)

Stroopwafel

**Q267877**

# Stroopwafel (Q267877)

waffle made with syrup

[edit](#)

syrup waffle | treacle waffle | caramel waffle

▼ In more languages

Language	Label	Description	Also known as
English	Stroopwafel	waffle made with syrup	syrup waffle treacle waffle caramel waffle
German	Stroopwafel	niederländische Spezialität	
Korean	스트롭와플	No description defined	

More languages

## Statements

**image** Stroopwafels 01.jpg [edit](#)

▼ 0 references

[+ add reference](#)

[+ add](#)

**Commons category** Stroopwafels [edit](#)

▼ 0 references

[+ add reference](#)

[+ add](#)

**shape** disk [edit](#)

▼ 0 references

[+ add reference](#)

[+ add](#)

**subclass of** waffle [edit](#)

▼ 0 references

[+ add reference](#)

[+ add](#)

**has part** syrup [edit](#)

▼ 0 references

[+ add reference](#)

dough [edit](#)

Wikipedia (30 entries) [edit](#)

- [af](#) Stroopwafel
- [ar](#) ستروپوافيل
- [br](#) Stroopwafel
- [ca](#) Stroopwafel
- [da](#) Stroopvaffel
- [de](#) Stroopwafel
- [en](#) Stroopwafel
- [eo](#) Siropvaflo
- [es](#) Stroopwafel
- [eu](#) Stroopwafel
- [fi](#) Stroopwafel
- [fr](#) Stroopwafel
- [he](#) שטרופואפל
- [hu](#) Stroopwafel
- [it](#) Stroopwafel
- [ja](#) ストロープワッフル
- [ko](#) 스트롭와플
- [la](#) Stroopwafela
- [nl](#) Stroopwafel
- [no](#) Stroopwafel
- [pl](#) Stroopwafel
- [pt](#) Stroopwafel
- [ru](#) Стронвафли
- [simple](#) Stroopwafel
- [sr](#) Стронвафел
- [sv](#) Stroopwafel
- [th](#) สโตรปวาฟิล
- [tr](#) Stroopwafel
- [uk](#) Стронвафли
- [zh](#) 荷式鬆餅

Wikibooks (1 entry) [edit](#)

- [en](#) Cookbook:Stroopwafels

Wikinews (0 entries) [edit](#)

Wikiquote (0 entries) [edit](#)

Wikisource (0 entries) [edit](#)

- Main page
- Community portal
- Project chat
- Create a new item
- Item by title
- Recent changes
- Random item
- Query Service
- Nearby
- Random Primary Sources item
- Help
- Donate

- Print/export
- Create a book
- Download as PDF
- Printable version

- Tools
- What links here
- Related changes
- Special pages
- Permanent link
- Page information
- Concept URI
- Cite this page
- Reasonator
- Import interwiki
- Automatic addition
- Primary Sources list

# Stroopwafel (Q267877)

honungskaka | syrup waffle | treacle waffle | caramel waffle  
waffle made with syrup

## Other properties

<b>shape</b>	disk plane figure, bounded by circle
<b>country</b>	<span>Netherlands</span> largest constituent country of the Kingdom of the Netherlands, mainly located in Europe
<b>subclass of</b>	<span>waffle</span> type of food typically eaten during breakfast.
<b>country of origin</b>	<span>Netherlands</span> largest constituent country of the Kingdom of the Netherlands, mainly located in Europe
<b>has part</b>	<span>syrup</span> thick, viscous liquid consisting primarily of a solution of sugar in water
	<span>dough</span> paste used in cooking

## Classification

Name	Description
<span>Entity</span>	something that exists
<span>Object</span>	mental construct defined by the perception of something as a unitary physical or abstract entity
<span>Physical object</span>	collection of masses, taken to be one
<span>Good</span>	thing that satisfies human wants and provides utility
<span>Product</span>	anything that can be offered to a market that might satisfy a want or need
<span>Food</span>	any substance consumed to provide nutritional support for the body
<span>Staple food</span>	food that is eaten routinely, and considered a dominant portion of a standard diet
<span>Bread</span>	staple food prepared from a dough
<span>Waffle</span>	type of food typically eaten during breakfast.
<b>Stroopwafel</b>	waffle made with syrup



pronunciation audio



## External sources

Freebase [/m/05hbln](#)

## Wikimedia projects

Current language Wikipedias

en [Stroopwafel](#)

Big Wikipedias

da [Stroopvaffel](#)

de [Stroopwafel](#)

es [Stroopwafel](#)

fi [Stroopwafel](#)

fr [Stroopwafel](#)

hu [Stroopwafel](#)

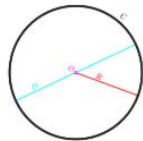
it [Stroopwafel](#)

[Concept cloud](#)



## Related media

Commons category : [Stroopwafels](#)



# Largest cities with a female mayor

Wikidata Query Service

```
1 #Largest cities with female mayor
2 SELECT DISTINCT ?city ?cityLabel ?mayor ?mayorLabel
3 WHERE
4 {
5   ?city wdt:P31/wdt:P279* wd:Q515 . # find instances of subclasses of city
6   ?city p:P6 ?statement . # with a P6 (head of government) statement
7   ?statement ps:P6 ?mayor . # ... that has the value ?mayor
8   ?mayor wdt:P21 wd:Q6581072 . # ... where the ?mayor has P21 (sex or gender) female
9   FILTER NOT EXISTS { ?statement pq:P582 ?x } # ... but the statement has no P582 (end date) qualifier
10
11 # Now select the population value of the ?city
12 # (wdt: properties use only statements of "preferred" rank if any, usually meaning "current population")
13 ?city wdt:P1082 ?population .
14 # Optionally, find English labels for city and mayor:
15 SERVICE wikibase:label {
16   bd:serviceParam wikibase:language "en" .
17 }
18 }
19 ORDER BY DESC(?population)
20 LIMIT 10
```

Press [CTRL-SPACE] to activate auto completion. Data last updated: 13:18:08 MESZ, 21. Apr. 2016

Execute Clear 10 Results in 713 ms

Display - Download - Link -

city	cityLabel	mayor	mayorLabel
<a href="#">Q1156</a>	Mumbai	<a href="#">Q18218029</a>	Snehal Ambekar
<a href="#">Q2807</a>	Madrid	<a href="#">Q19592761</a>	Manuela Carmena
<a href="#">Q90</a>	Paris	<a href="#">Q2851133</a>	Anne Hidalgo
<a href="#">Q16555</a>	Houston	<a href="#">Q213847</a>	Annise Parker
<a href="#">Q1563</a>	Havana	<a href="#">Q6774124</a>	Marta Hernández Romero
<a href="#">Q270</a>	Warsaw	<a href="#">Q271902</a>	Hanna Gronkiewicz-Waltz
<a href="#">Q1492</a>	Barcelona	<a href="#">Q4779594</a>	Ada Colau
<a href="#">Q472</a>	Sofia	<a href="#">Q444718</a>	Yordanka Fandakova
<a href="#">Q1085</a>	Prague	<a href="#">Q18104657</a>	Adriana Krnáčová
<a href="#">Q365</a>	Cologne	<a href="#">Q19285371</a>	Henriette Reker

# Why add data to Wikidata



Help more people to see your information



WIKIPEDIA  
The Free Encyclopedia

Improve open knowledge



Increase traffic to your website



Make your data more useful for yourself  
and others

# Organisations who have worked with Wikidata

- Flemish Art Collections
- TED Organization
- Art UK (formerly known as BBC: Your Paintings)
- Bibliothèque nationale de France: IDs, references and biographical data
- Rijksbureau voor Kunsthistorische Documentatie: Artist biographies
- UNESCO





# How to add data to Wikidata

1. Contact the Wikidata community describing what data you have and would like to include in Wikidata.
2. Decide with the Wikidata community what data is suitable to import.
3. Work with the Wikidata community to import the data



# Contact the community

The Project Chat is the place to go

[https://www.wikidata.org/wiki/Wikidata:Project\\_chat](https://www.wikidata.org/wiki/Wikidata:Project_chat)

*“They come as institutions, but stay as community members”*

# Decide what data is suitable to import

Wikidata is **not a dump yard**

We want quality data

Data donations are a process – plan for sustainability



# Work with the community to import the data

- Manual data entry
- Online tools
  - [Mix'n'match](#)
  - [Primary sources tool](#)
- [Wikidata API](#)
- Bots
  - [Bot requests](#)
  - [Creating your own bot](#)
  - [Request Bot permissions](#)

# **Let's do this!**

Giving more people more access to more  
knowledge...

... with great data donations from great  
institutions

# Thank you! Any questions?



**WIKIDATA**

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