#itwikicon2017

Wikidata e i linked data

the ground of Free knowledge

WIKIPEDIA
L’enciclopedia libera

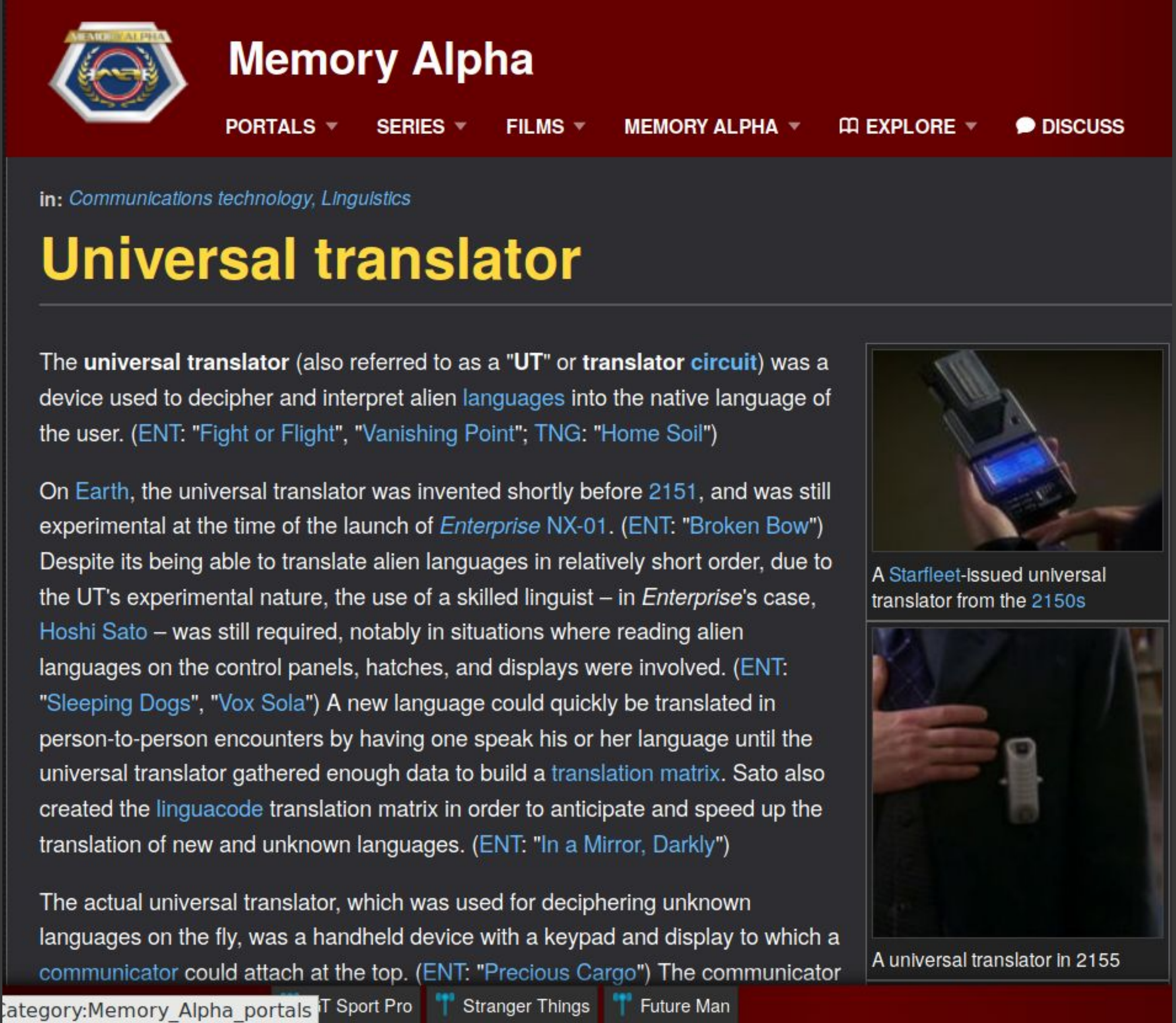
L’**enciclopedia libera**
con circa 1.400.000
voci (in italiano)
che chiunque può
modificare

La **base di conoscenza** libera con più di 38.000.000 di elementi che chiunque può modificare

collaborativa
collegata
aperta
multilingue
strutturata
libera

Ma stavamo scrivendo un’enciclopedia per raccogliere il sapere umano, **perché Wikidata**?

Multilingua



in: *Communications technology, Linguistics*

Universal translator

The **universal translator** (also referred to as a "**UT**" or **translator circuit**) was a device used to decipher and interpret alien languages into the native language of the user. (ENT: "Fight or Flight", "Vanishing Point"; TNG: "Home Soil")

On Earth, the universal translator was invented shortly before 2151, and was still experimental at the time of the launch of *Enterprise* NX-01. (ENT: "Broken Bow") Despite its being able to translate alien languages in relatively short order, due to the UT's experimental nature, the use of a skilled linguist – in *Enterprise*'s case, Hoshi Sato – was still required, notably in situations where reading alien languages on the control panels, hatches, and displays were involved. (ENT: "Sleeping Dogs", "Vox Sola") A new language could quickly be translated in person-to-person encounters by having one speak his or her language until the universal translator gathered enough data to build a translation matrix. Sato also created the linguacode translation matrix in order to anticipate and speed up the translation of new and unknown languages. (ENT: "In a Mirror, Darkly")

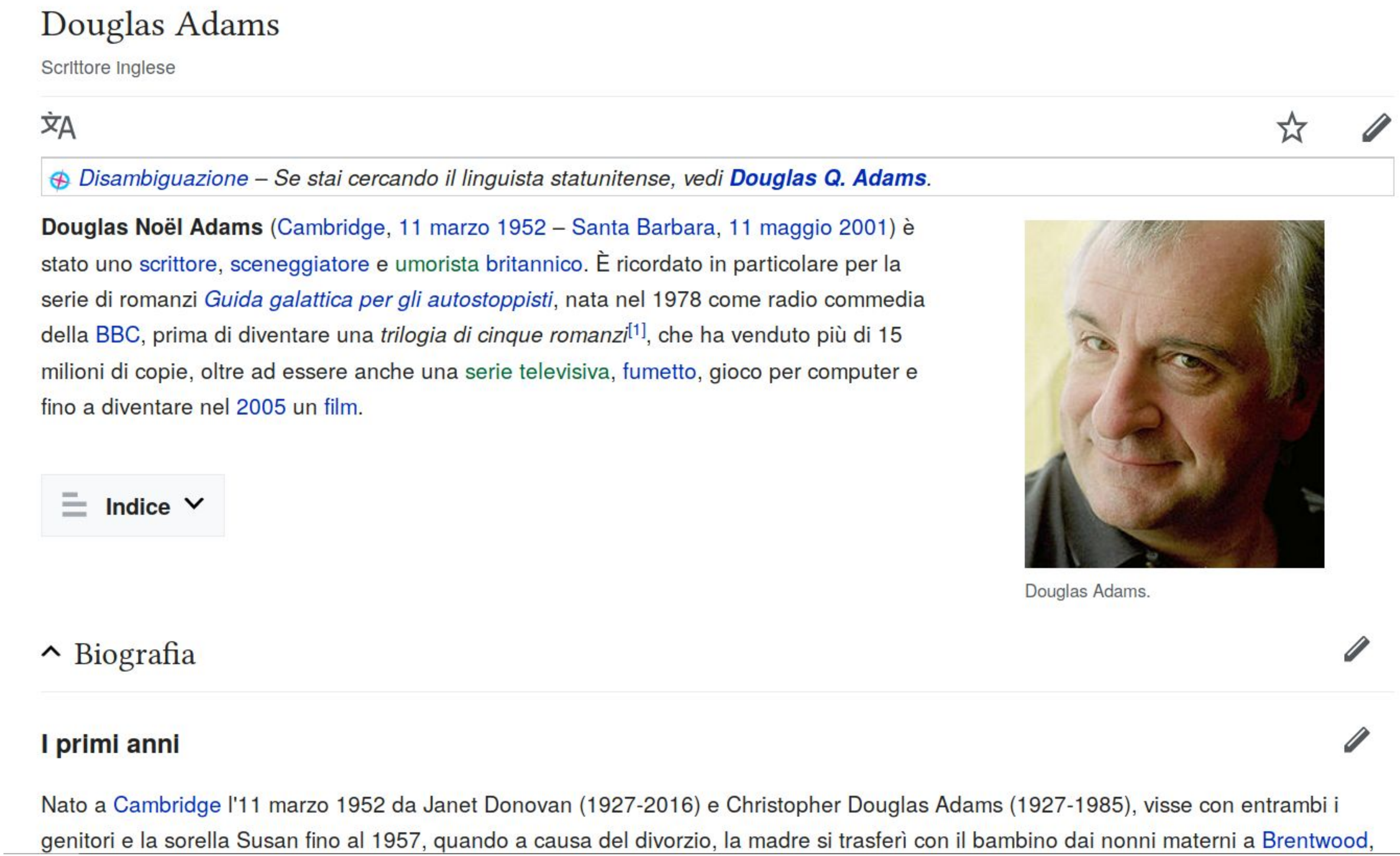
The actual universal translator, which was used for deciphering unknown languages on the fly, was a handheld device with a keypad and display to which a communicator could attach at the top. (ENT: "Precious Cargo") The communicator

A Starfleet-issued universal translator from the 2150s

A universal translator in 2155

https://www.wikidata.org/wiki/Wikidata:Statistics/Wikipedia

strutturata



Douglas Adams

Scrittore inglese

*Disambiguazione – Se stai cercando il linguista statunitense, vedi **Douglas Q. Adams**.*

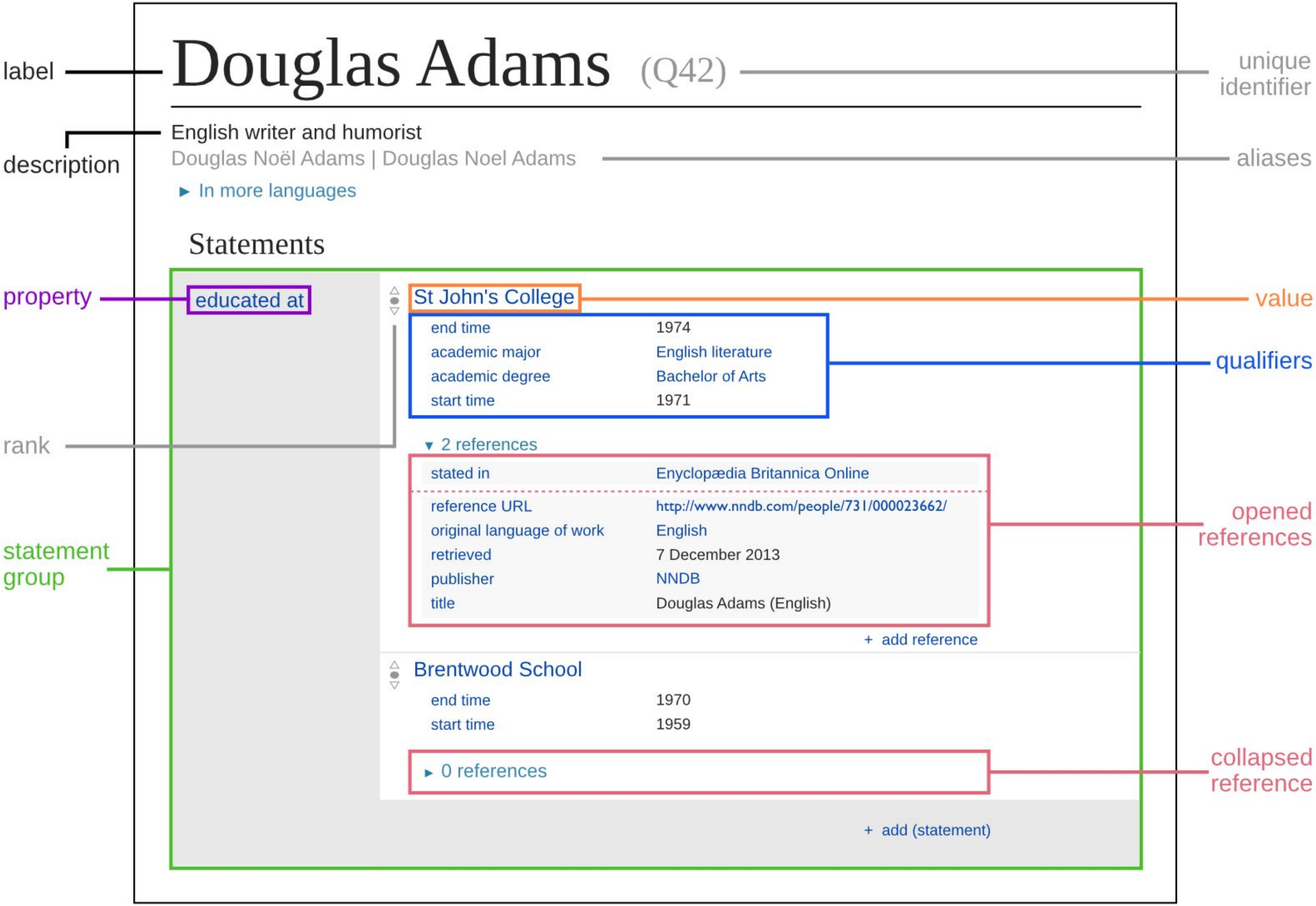
Douglas Noël Adams (Cambridge, 11 marzo 1952 – Santa Barbara, 11 maggio 2001) è stato uno scrittore, sceneggiatore e umorista britannico. È ricordato in particolare per la serie di romanzi *Guida galattica per gli autostoppisti*, nata nel 1978 come radio commedia della BBC, prima di diventare una *trilogia di cinque romanzi*[1], che ha venduto più di 15 milioni di copie, oltre ad essere anche una serie televisiva, fumetto, gioco per computer e fino a diventare nel 2005 un film.

Douglas Adams.

Biografia

I primi anni

Nato a Cambridge l'11 marzo 1952 da Janet Donovan (1927-2016) e Christopher Douglas Adams (1927-1985), visse con entrambi i genitori e la sorella Susan fino al 1957, quando a causa del divorzio, la madre si trasferì con il bambino dai nonni materni a Brentwood,



Douglas Adams (Q42)

English writer and humorist

Douglas Noël Adams | Douglas Noel Adams

▸ In more languages

Statements

educated at

St John's College

end time	1974
academic major	English literature
academic degree	Bachelor of Arts
start time	1971

▾ 2 references

stated in	Enyclopædia Britannica Online
reference URL	http://www.nndb.com/people/731/000023662/
original language of work	English
retrieved	7 December 2013
publisher	NNDB
title	Douglas Adams (English)

+ add reference

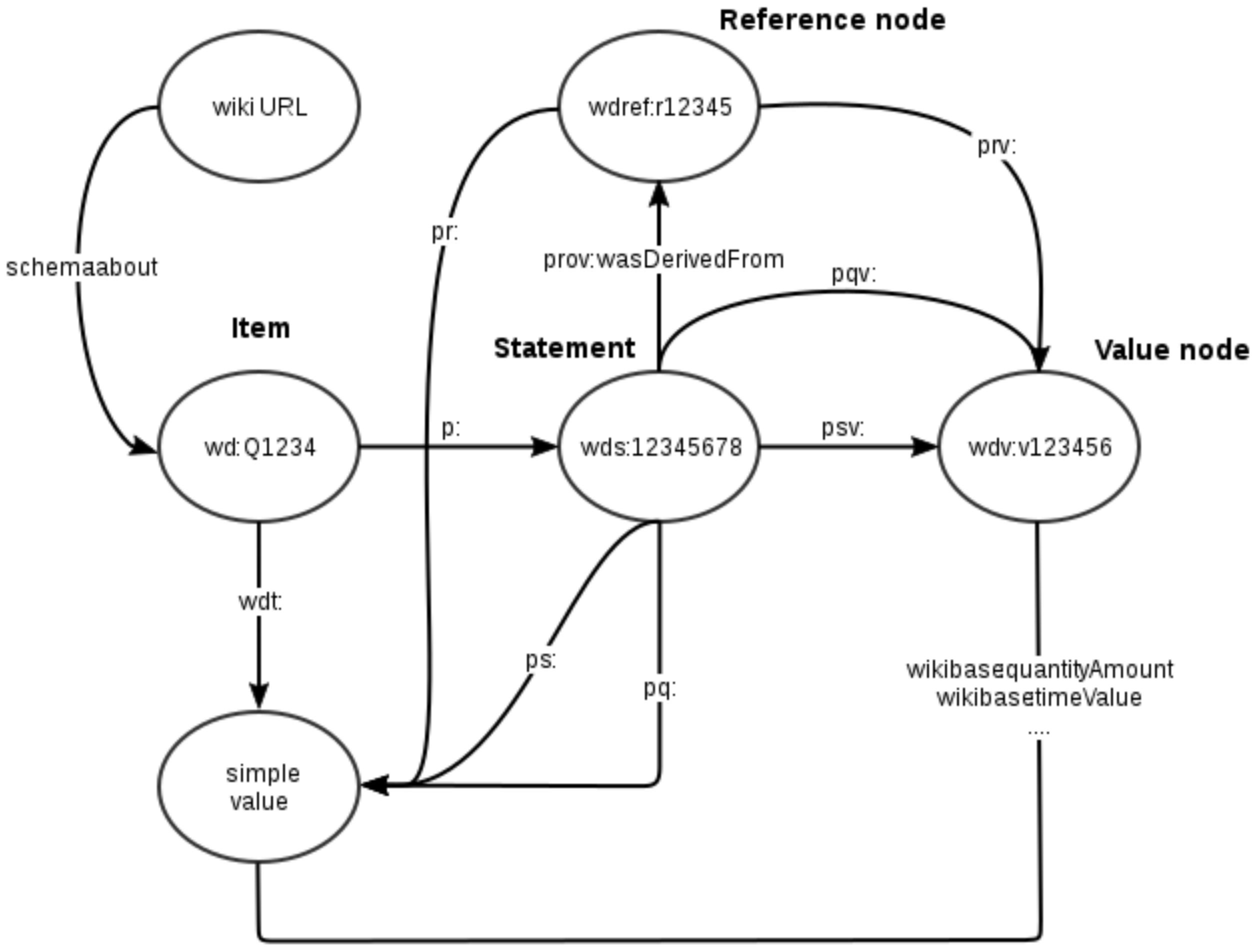
Brentwood School

end time	1970
start time	1959

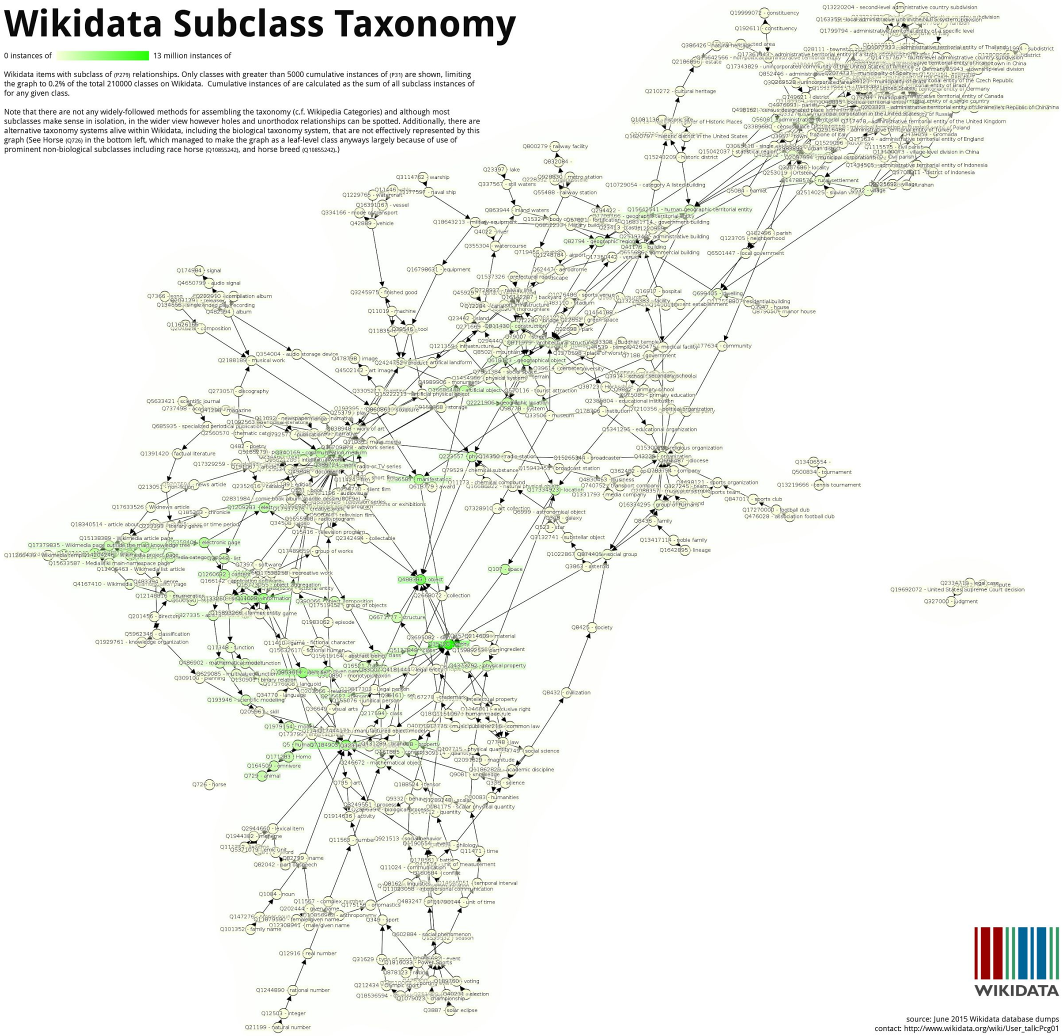
▸ 0 references

+ add (statement)

label
unique identifier
description
aliases
property
value
qualifiers
rank
opened references
statement group
collapsed reference


Reference node
wiki URL
wdref:r12345
prv:
pr:
schemaabout
prov:wasDerivedFrom
pqv:
Item
Statement
Value node
wd:Q1234
p:
wds:12345678
psv:
wdv:v123456
wdt:
ps:
pq:
wikibasequantityAmount
wikibasetimeValue
....
simple
value

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



Wikidata Subclass Taxonomy

0 instances of 🟩 13 million instances of

Wikidata items with subclass of (P279) relationships. Only classes with greater than 5000 cumulative instances of (P31) are shown, limiting the graph to 0.2% of the total 210000 classes on Wikidata. Cumulative instances of are calculated as the sum of all subclass instances of for any given class.

Note that there are not any widely-followed methods for assembling the taxonomy (c.f. Wikipedia Categories) and although most subclasses make sense in isolation, in the wider view however holes and unorthodox relationships can be spotted. Additionally, there are alternative taxonomy systems alive within Wikidata, including the biological taxonomy system, that are not effectively represented by this graph (See Horse (Q726) in the bottom left, which managed to make the graph as a leaf-level class anyways largely because of use of prominent non-biological subclasses including race horse (Q10855242), and horse breed (Q10855242).)

Q35120 - entity
Q488383 - object
Q2221906 - geographic location
Q618123 - geographical object
Q56061 - administrative territorial entity
Q41176 - building
Q3114762 - warship
Q177597 - naval ship
Q1229765 - watercraft
Q16391167 - vessel
Q23397 - lake
Q337567 - still waters
Q863944 - inland waters
Q4022 - river
Q811979 - architectural structure
Q386724 - work
Q7725634 - literary work
Q11424 - film
Q482994 - album
Q215627 - person
Q5 - human
Q729 - animal
Q726 - horse
Q8425 - society
Q8432 - civilization
Q43229 - organization
Q327000 - judgment
Q19692072 - United States Supreme Court decision
Q21199 - natural number
Q12503 - integer
Q1244890 - rational number
Q12916 - real number
WIKIDATA

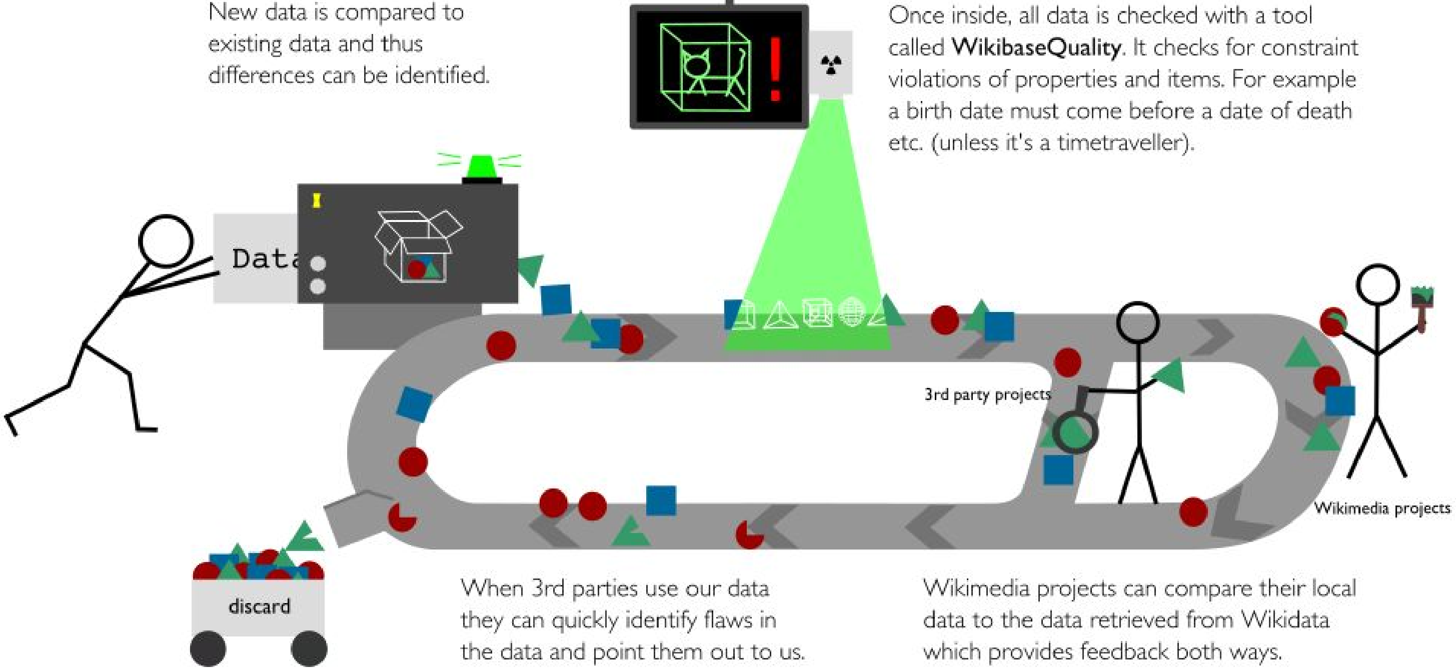
source: June 2015 Wikidata database dumps
contact: http://www.wikidata.org/wiki/User_talk:Pcg01

http://bit.ly/2eDMyPi

https://tools.wmflabs.org/hay/propbrowse/

Quality processes in Wikidata

Here are the different processes we use to maintain and improve data quality over time. These are the ways in which this is achieved.



New data is compared to existing data and thus differences can be identified.

Once inside, all data is checked with a tool called **WikibaseQuality**. It checks for constraint violations of properties and items. For example a birth date must come before a date of death etc. (unless it's a timetraveller).

When 3rd parties use our data they can quickly identify flaws in the data and point them out to us.

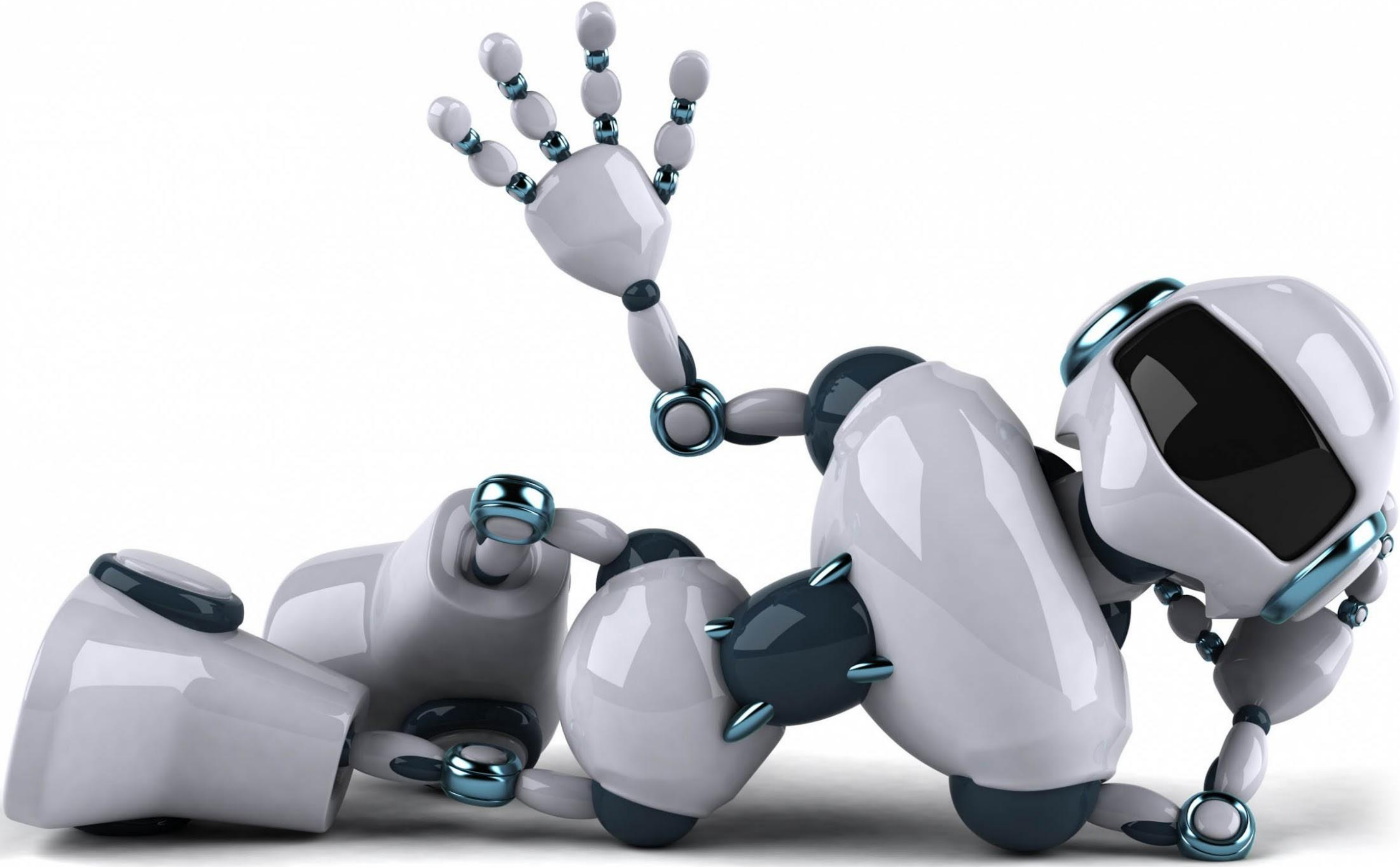
Wikimedia projects can compare their local data to the data retrieved from Wikidata which provides feedback both ways.

www.wikidata.org
/wiki/Wikidata:Introduction
/wiki/Help:About_data

https://www.mediawiki.org/wiki/Wikibase_Quality_Extensions

IRC: #wikidata
Mail: wikidata@lists.wikimedia.org

Twitter: @wikidata
Facebook: wikidata

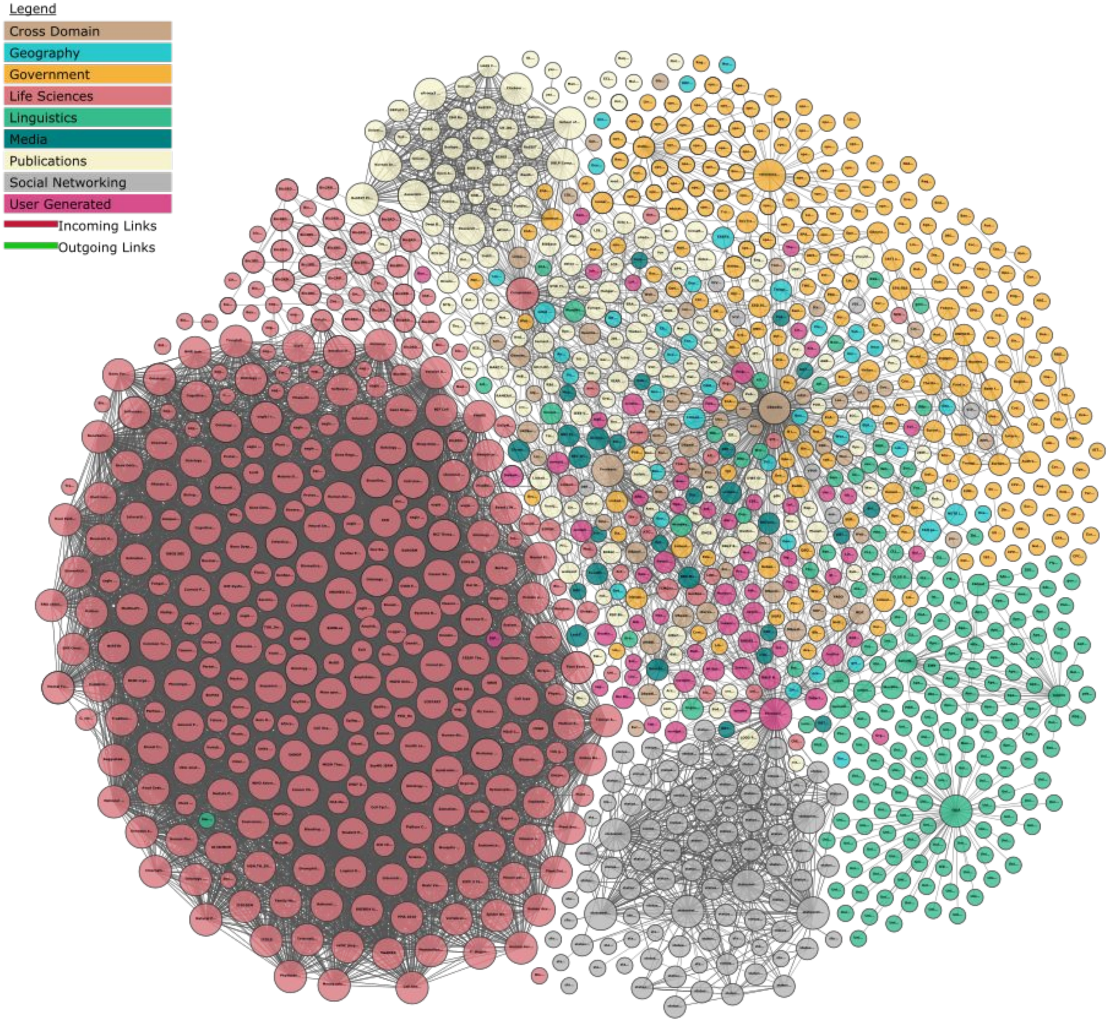


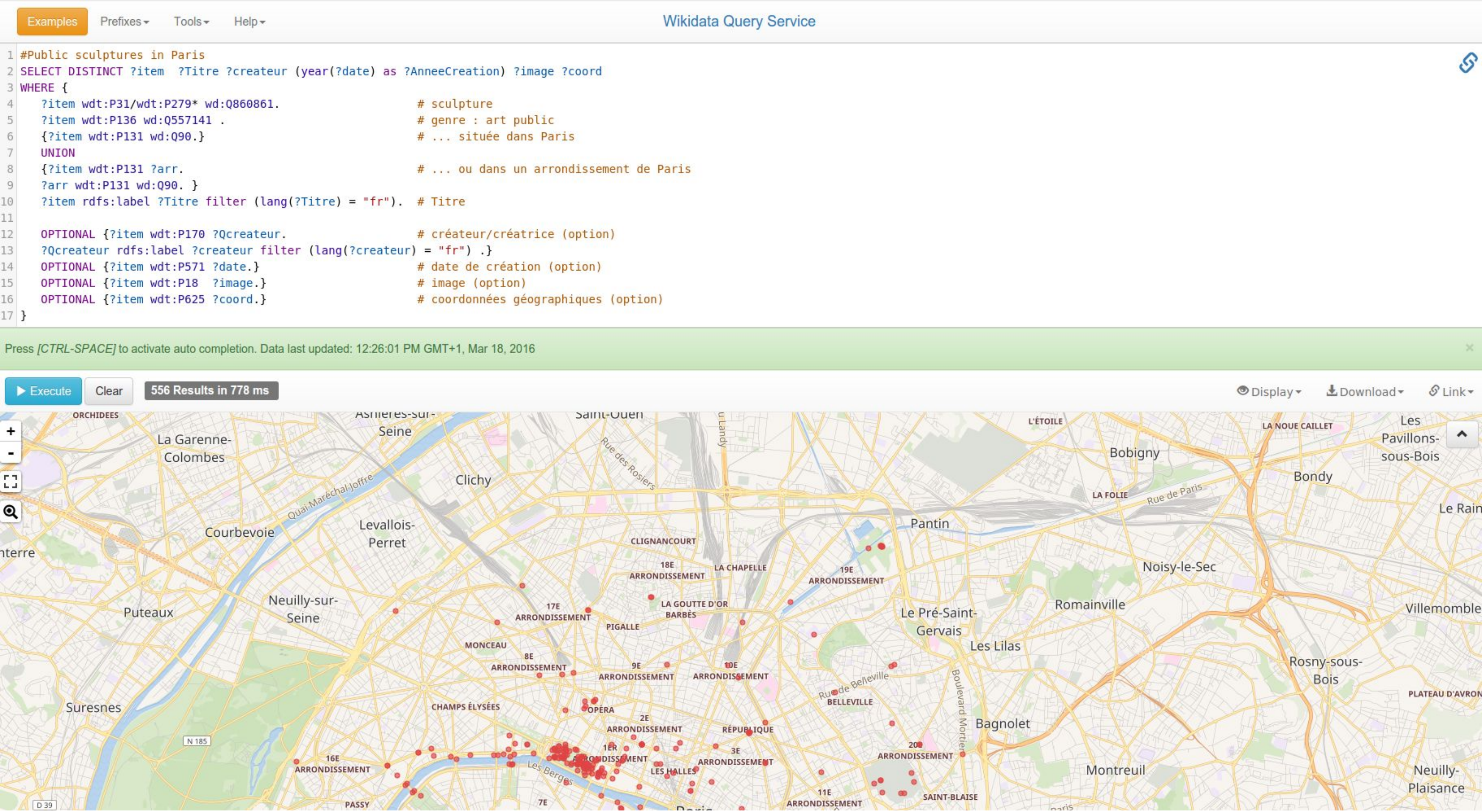
Quali sono le più grandi città del mondo con un sindaco donna?

Quali sono le università dove hanno studiato gli autori dei principali linguaggi di programmazione?

Quali opere d’arte hanno come soggetto la Tour Eiffel?

collegata


Legend
Cross Domain
Geography
Government
Life Sciences
Linguistics
Media
Publications
Social Networking
User Generated
Incoming Links
Outgoing Links



Examples
Prefixes
Tools
Help
Wikidata Query Service

```
#Public sculptures in Paris
SELECT DISTINCT ?item  ?Titre ?createur (year(?date) as ?AnneeCreation) ?image ?coord
WHERE {
   ?item wdt:P31/wdt:P279* wd:Q860861.                    # sculpture
   ?item wdt:P136 wd:Q557141 .                            # genre : art public
   {?item wdt:P131 wd:Q90.}                               # ... située dans Paris
   UNION
   {?item wdt:P131 ?arr.                                  # ... ou dans un arrondissement de Paris
   ?arr wdt:P131 wd:Q90. }
   ?item rdfs:label ?Titre filter (lang(?Titre) = "fr").  # Titre

   OPTIONAL {?item wdt:P170 ?Qcreateur.                   # créateur/créatrice (option)
   ?Qcreateur rdfs:label ?createur filter (lang(?createur) = "fr") .}
   OPTIONAL {?item wdt:P571 ?date.}                       # date de création (option)
   OPTIONAL {?item wdt:P18  ?image.}                      # image (option)
   OPTIONAL {?item wdt:P625 ?coord.}                      # coordonnées géographiques (option)
}
```

Press *[CTRL-SPACE]* to activate auto completion. Data last updated: 12:26:01 PM GMT+1, Mar 18, 2016

Execute
Clear
556 Results in 778 ms
Display
Download
Link
Asnières-sur-Seine
Saint-Ouen
La Garenne-Colombes
Clichy
Bobigny
Bondy
Les Pavillons-sous-Bois
Courbevoie
Levallois-Perret
Pantin
Noisy-le-Sec
Puteaux
Neuilly-sur-Seine
Le Pré-Saint-Gervais
Romainville
Villemomble
Les Lilas
Rosny-sous-Bois
Suresnes
Bagnolet
Montreuil
Neuilly-Plaisance
CLIGNANCOURT
18E ARRONDISSEMENT
LA CHAPELLE
19E ARRONDISSEMENT
17E ARRONDISSEMENT
LA GOUTTE D'OR BARBÈS
PIGALLE
MONCEAU
8E ARRONDISSEMENT
9E ARRONDISSEMENT
10E ARRONDISSEMENT
BELLEVILLE
CHAMPS ÉLYSÉES
OPÉRA
2E ARRONDISSEMENT
RÉPUBLIQUE
1ER ARRONDISSEMENT
3E ARRONDISSEMENT
20E ARRONDISSEMENT
16E ARRONDISSEMENT
LES HALLES
11E ARRONDISSEMENT
SAINT-BLAISE
PASSY
7E
Paris

https://query.wikidata.org/

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http://tinyurl.com/zhnlof5

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http://bit.ly/2dVFyOU

Quali opere d’arte hanno come soggetto la Tour Eiffel?

http://bit.ly/2eQejTB

Imagine a world in which
everyone can freely share in
the sum of all knowledge.

Imagine a world in which every~~one~~thing can freely share in the sum of all structured knowledge.