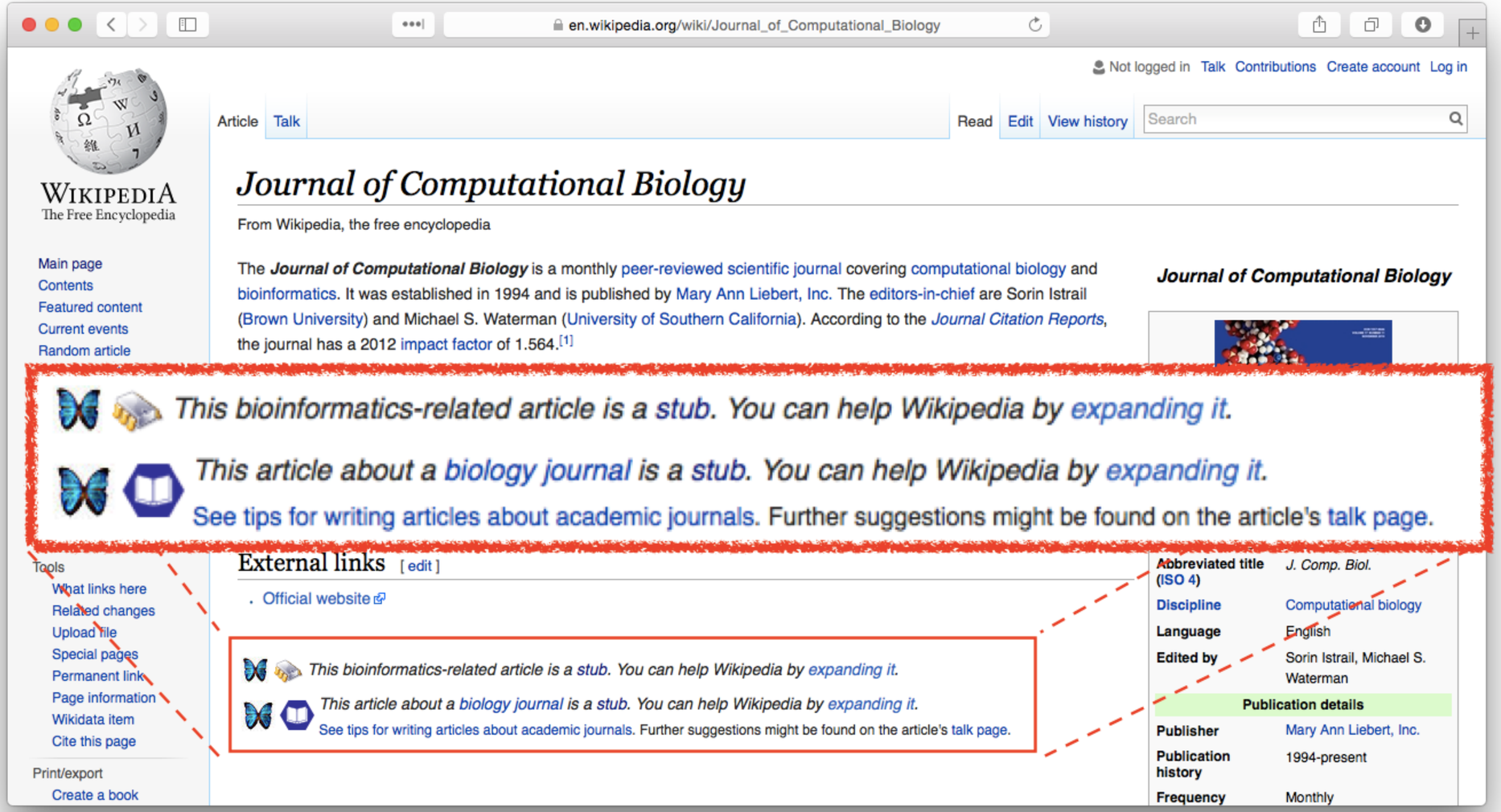
Toegang tot de som van alle kennis

Andra Waagmeester - CEO Micelio Antwerpen - België
Email: andra@micelio.be Twitter: @andrawaag

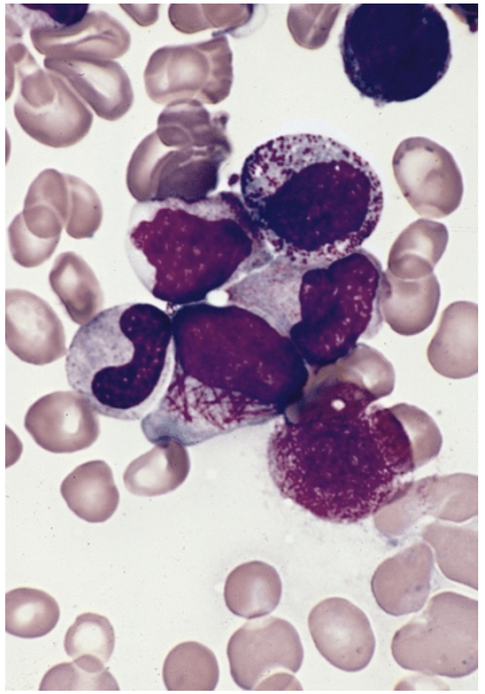
The folktale of the stone soup.

The folktale of the stone soup.

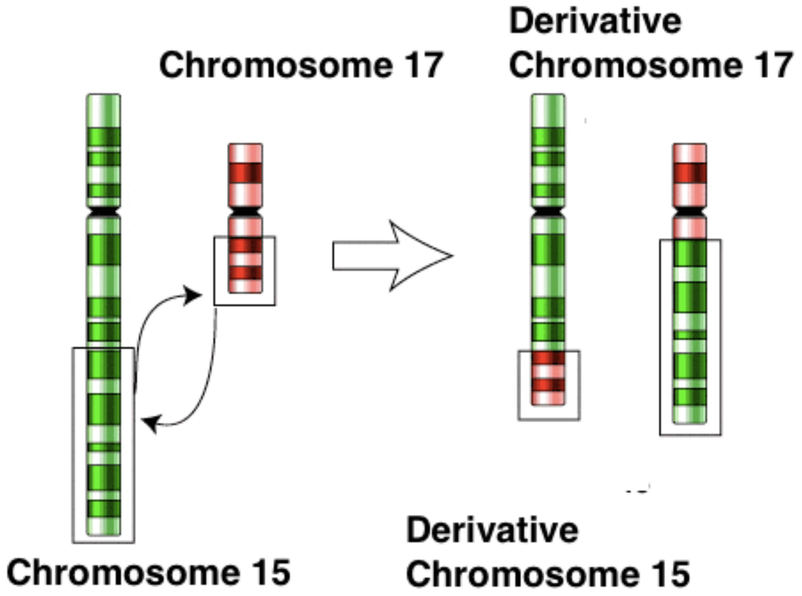


Acute promyelocytic leukemia - A cancer of the white blood cells

A cancer of the white blood cells



Chromosomal translocation of RARα gene



VOLUME 32 · NUMBER 30 · OCTOBER 20 2014

JOURNAL OF CLINICAL ONCOLOGY

ORIGINAL REPORT

Randomized Phase III Trial of Retinoic Acid and Arsenic Trioxide Versus Retinoic Acid and Chemotherapy in Patients With Acute Promyelocytic Leukemia: Health-Related Quality-of-Life Outcomes

Fabio Efficace, Franco Mandelli, Giuseppe Avvisati, Francesco Cottone, Felicetto Ferrara, Eros Di Bona, Giorgina Specchia, Massimo Breccia, Alessandro Levis, Simona Sica, Olimpia Finizio, Maria Grazia Kropp, Giuseppe Fioritoni, Elisa Cerqui, Marco Vignetti, Sergio Amadori, Richard F. Schlenk, Uwe Platzbecker, and Francesco Lo-Coco

Fabio Efficace, Franco Mandelli, Francesco Cottone, and Marco Vignetti, Gruppo Italiano Malattie Ematologiche dell'Adulto; Giuseppe Avvisati, Università Campus Biomedico; Massimo Breccia, Università "La Sapienza,"; Simona Sica, Università Cattolica Sacro Cuore; Sergio Amadori and Francesco Lo-Coco, Università Tor Vergata; Francesco Lo-Coco, Fondazione Santa Lucia, Roma; Felicetto Ferrara, Ospedale Cardarelli; Olimpia Finizio, Ospedale Cardarelli, Napoli; Eros Di Bona, Ospedale San Bortolo, Vicenza; Giorgina Specchia, Università di Bari, Bari; Alessandro Levis, Ospedale SS Antonio e Biagio, Alessandria; Maria Grazia Kropp, Azienda Ospedaliera Pugliese Ciaccio, Catanzaro; Giuseppe Fioritoni, Ospedale Civile, Pescara; Elisa Cerqui, Spedali Civili, Brescia, Italy; Richard F. Schlenk, University of Ulm, Ulm; and Uwe Platzbecker, Universitatsklinikum Carl Gustav Carus, Dresden, Germany.

Published online ahead of print at

A B S T R A C T

Purpose

A randomized clinical trial compared efficacy and toxicity of standard all-*trans*-retinoic acid (ATRA) plus chemotherapy versus ATRA plus arsenic trioxide in patients with newly diagnosed, low- or intermediate-risk acute promyelocytic leukemia (APL). Here, we report health-related quality-of-life (HRQOL) results.

Patients and Methods

HRQOL was a secondary end point of this trial. The European Organisation for Research and Treatment of Cancer Quality of Life Questionnaire–Core 30 was used to assess HRQOL at end of induction and after consolidation therapy. All analyses were based on 156 patients who received at least one dose of treatment, with groups defined according to randomly assigned treatment. Primary analysis was performed, estimating mean HRQOL score over time and differences between treatment arms using a linear mixed model.

Effects of arsenic trioxide known for decades in China

Original papers were published in the Chinese language and in journals that are obscure even to most Chinese readers

SCIENCE CHINA
Life Sciences

• REVIEW •

June 2013 Vol.56 No.6: 495–502
doi: 10.1007/s11427-013-4487-z

Findings support the use of retinoic acid plus arsenic trioxide as prefered first-line treatment

A drug from poison: how the therapeutic effect of arsenic trioxide on acute promyelocytic leukemia was discovered

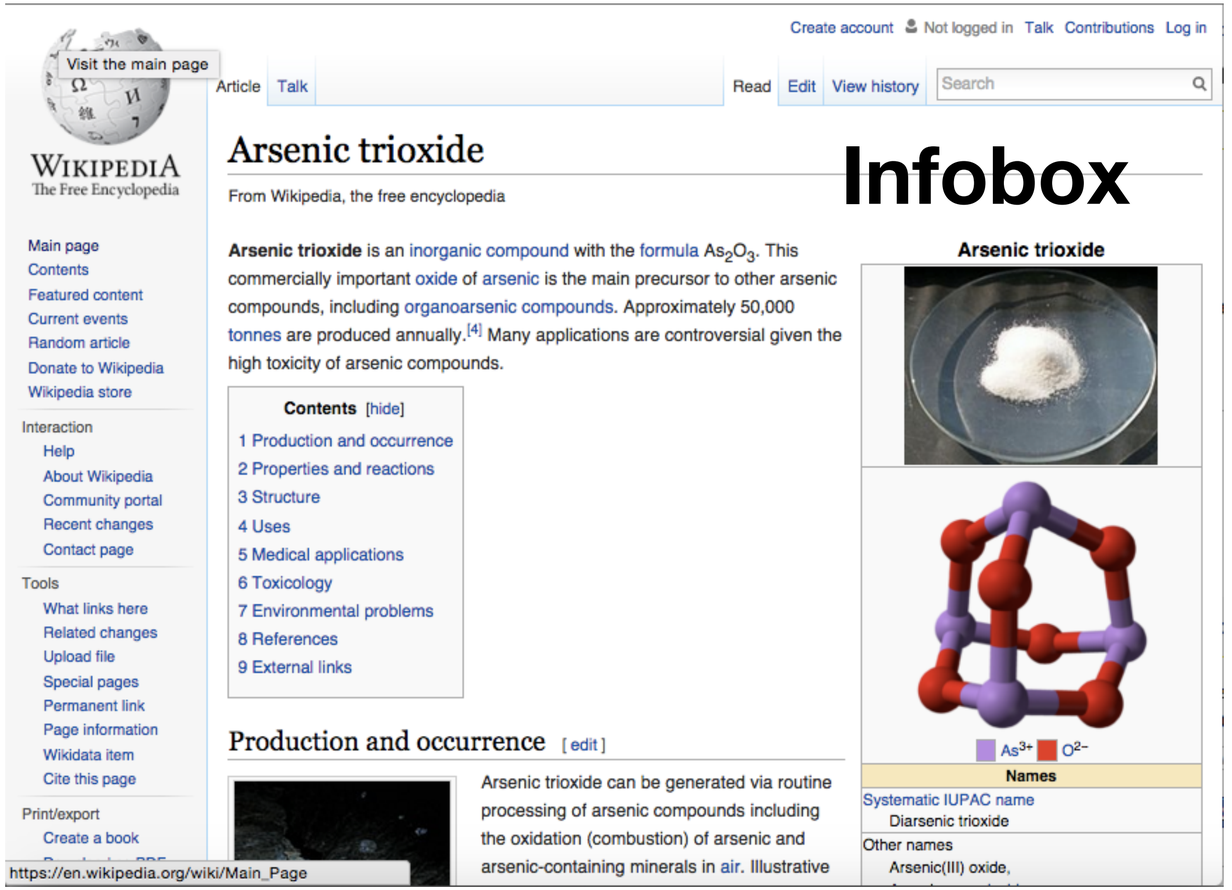
RAO Yi[1*], LI RunHong[2] & ZHANG DaQing[2]

[1]*Peking-Tsinghua Center for Life Sciences at Peking University School of Life Sciences, Beijing 100871, China;*
[2]*Peking University Health Sciences Center, Beijing 100871, China*

Received March 27, 2013; accepted April 5, 2013; published online May 3, 2013

Source: http://jco.ascopubs.org/content/early/2014/09/17/JCO.2014.55.3453

Multilingual Wikipedia & Infoboxes

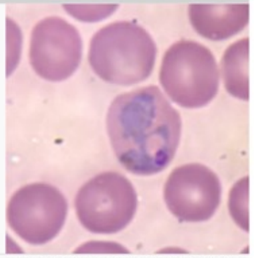


Independent Infoboxes

Dutch

nl.m.wikipedia.org

Malaria



Rode bloedcel geïnfecteerd met *P. vivax*

Coderingen	
ICD-10	B50
ICD-9	084
OMIM	248310

Greek

el.m.wikipedia.org

Ελονοσία

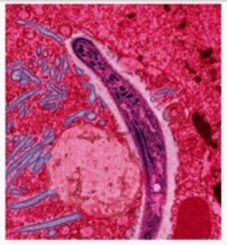
Ταξινόμηση και εξωτερικές πηγές

Ταξινόμηση ICD-10	B50
Ταξινόμηση ICD-9	084
OMIM	248310
DiseasesDB	7728
MedlinePlus	000621
eMedicine	med/1385 emerg/305 ped/1357

English

en.m.wikipedia.org

Malaria



A *Plasmodium* from the saliva of a female mosquito moving across a mosquito cell

Classification and external resources	
Specialty	Infectious disease
ICD-10	B50-B54
ICD-9-CM	084

Dutch

nl.m.wikipedia.org

	Papiaments
Hoofdstad	Oranjestad
Regeringsvorm	Constitutionele monarchie
Staatshoofd	Koning Willem-Alexander Fredis Refunjol (gouverneur)
Regeringsleider	Mike Eman (Arubaanse Volkspartij)
Religie	Katholiek 82%, protestant 8%

103,400 [2] (197th)

Greek

el.m.wikipedia.org

Πολίτευμα	Συνταγματική Μοναρχία
	Μονάρχης Γουλιέλμος-Αλέξανδρος Κυβερνήτης Φρέντις Ρεφουνιόλ Πρωθυπουργός Μάικ Έμαν
Πλήρης αυτονομία από το Βασίλειο των Κάτω Χωρών	1η Ιανουαρίου 1986
Σύνταγμα	
Έκταση	
• Σύνολο	180 km² (213η)
Ακτογραμμή	68,5 km
Πληθυσμός	
• Εκτίμηση 2014	107.394[1] (196η)
• Απογραφή 2000	103.065
• Πυκνότητα	556,4 κατ./km² (21
Α.Ε.Π. (PPP)	
• Ολικό (2005)	2,258 δισ. $[2]

• Εκτίμηση 2014 107.394[1] (196η)

English

pap.m.wikipedia.org

Forma di gobernacion	Democracia p Monarkia cons
- Rei	Willem-Alexan
- Gobernador	Fredis Refunjo
- Prome Minister	Mike Eman
Pais den Reino di Hulanda	
Status aparte	1 januari di 19
Area	
- Total	193 km² (n/a)

101.484 (2010)[2]

110.663 (2014)[3]

(614,8/km² (2014))

ICD-10 B50

ICD-10 B50-B54

Ταξινόμηση ICD-10 B50

Independent Infoboxes

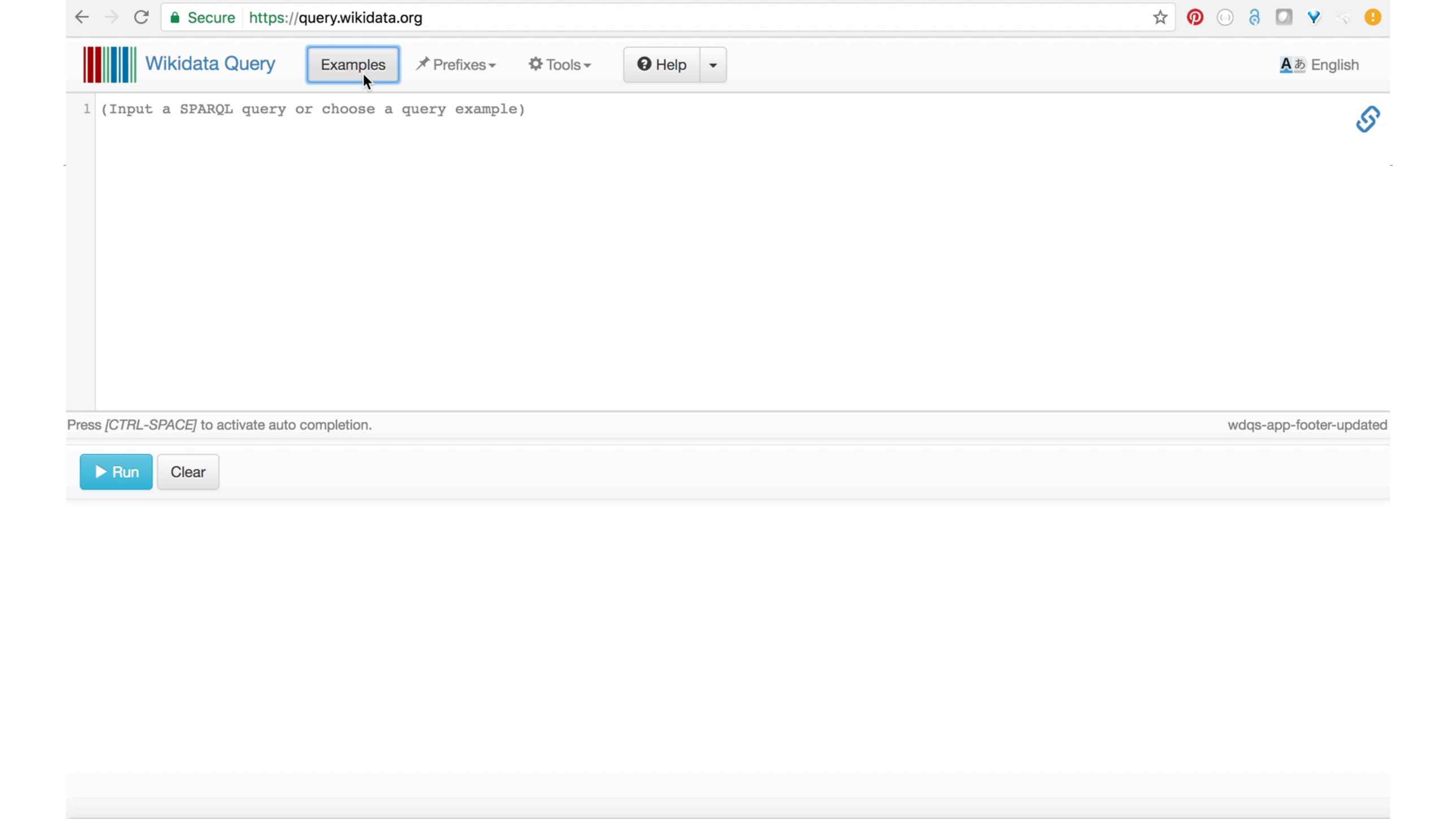
Démographie	
Gentilé	Surinamien ou Surinamais
Population totale (2015)	579 633 hab. (classé 163e)
Densité	3,18 hab./km²

Väkiluku (2014)	573 311 [1] (sijalla 172)
– väestötiheys	3 / km²
– väestönkasvu	1,12 [1] % (2014)

Basisgegevens	
Officiële landstaal	Nederlands
Hoofdstad	Paramaribo
Regeringsvorm	Presidentiële republiek
Staatshoofd	Desi Bouterse
Regeringsleider	Desi Bouterse
Religie	Christendom 48%, Hindoeïsme 27,4%, Islam 19,6%[1]
Oppervlakte	163.820 km² [2] (1,1% water)
Inwoners	541.638 (2012)[3] 585.824 (2016)[4] (3,6/km² (2016))

Population	
• July 2016 estimate	585,824[5] (166th)
• 2012 census	541,638[3]
• Density	2.9/km² (7.5/sq mi) (231st)

Gīventuoju	
- 2006 lėipa (progn.)	439 117 (162)
- Tonkoms	2,69 žm./km² (189)


Secure https://query.wikidata.org
Wikidata Query
Examples
Prefixes
Tools
Help
English
1 (Input a SPARQL query or choose a query example)
Press [CTRL-SPACE] to activate auto completion.
wdqs-app-footer-updated
Run
Clear

A fresh look at Wikidata

SQID is a fast way to browse and query Wikidata, the free knowledge base of Wikipedia. SQID is inspired by Magnus Manske's Reasonator, but it has a different focus. In particular, information about Wikidata classes and properties is prominently shown, including derived statistics and query results that are not part of Wikidata. SQID wants to help editors to improve Wikidata.

Example pages:

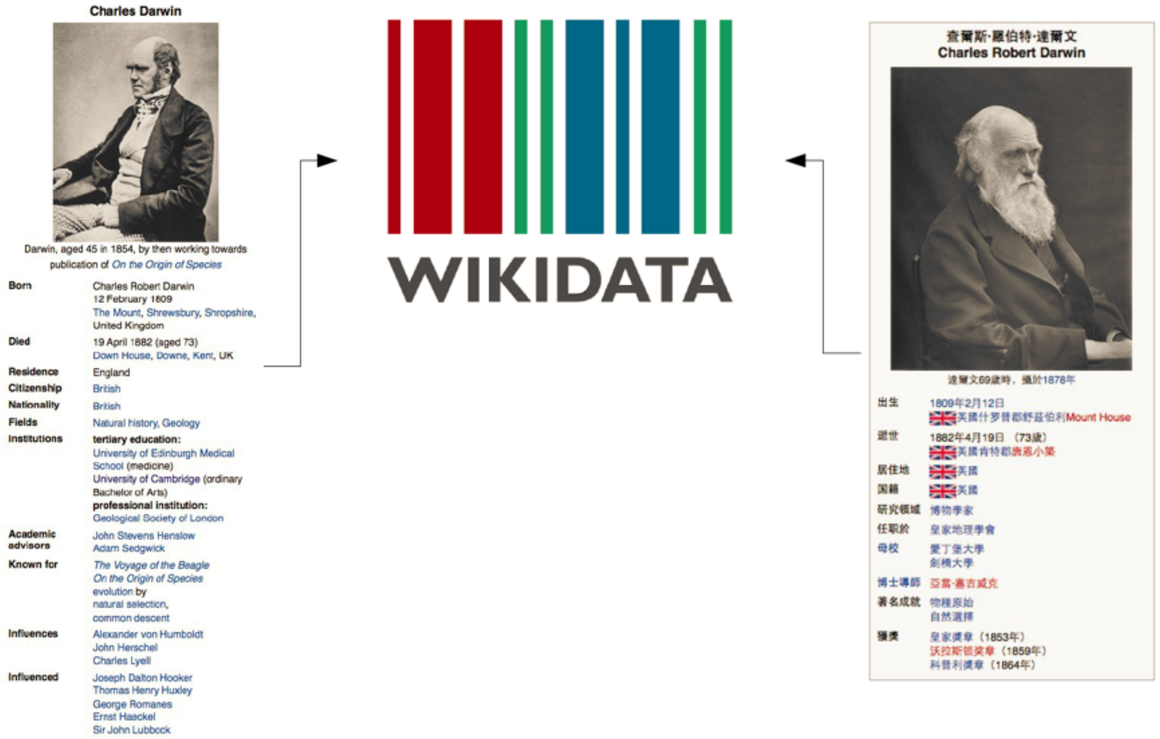
- Johann Sebastian Bach: classical example of a data-rich item page
- volcano: Wikidata item that is used as a class
- galaxy: Wikidata class item that is part of the rather well designed classification of astronomical objects
- sex or gender: a frequently used Wikidata property
- instrument: another interesting Wikidata property
- Wikidata property: the class of all Wikidata properties; shows how properties are organised in subclasses

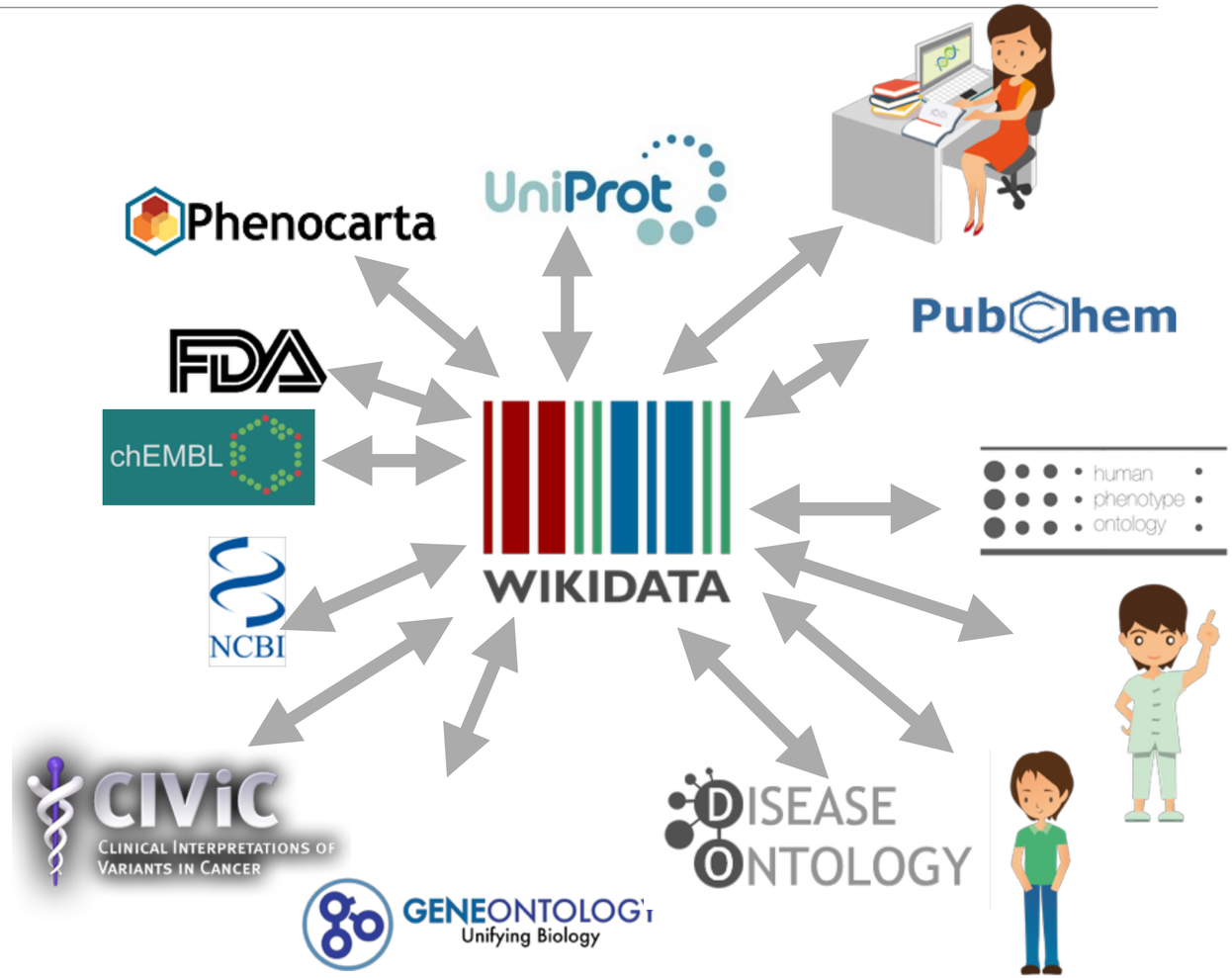
Properties are special Wikidata entities that are used for describing relationships between entities, and for assigning many types of data values to entities. You can find all properties in SQID's **property browser**.

Classes are Wikidata items that are used as the value in an instance-of statement, or that are subject or value in a subclass-of statement. You can find all classes in SQID's **classes browser**.

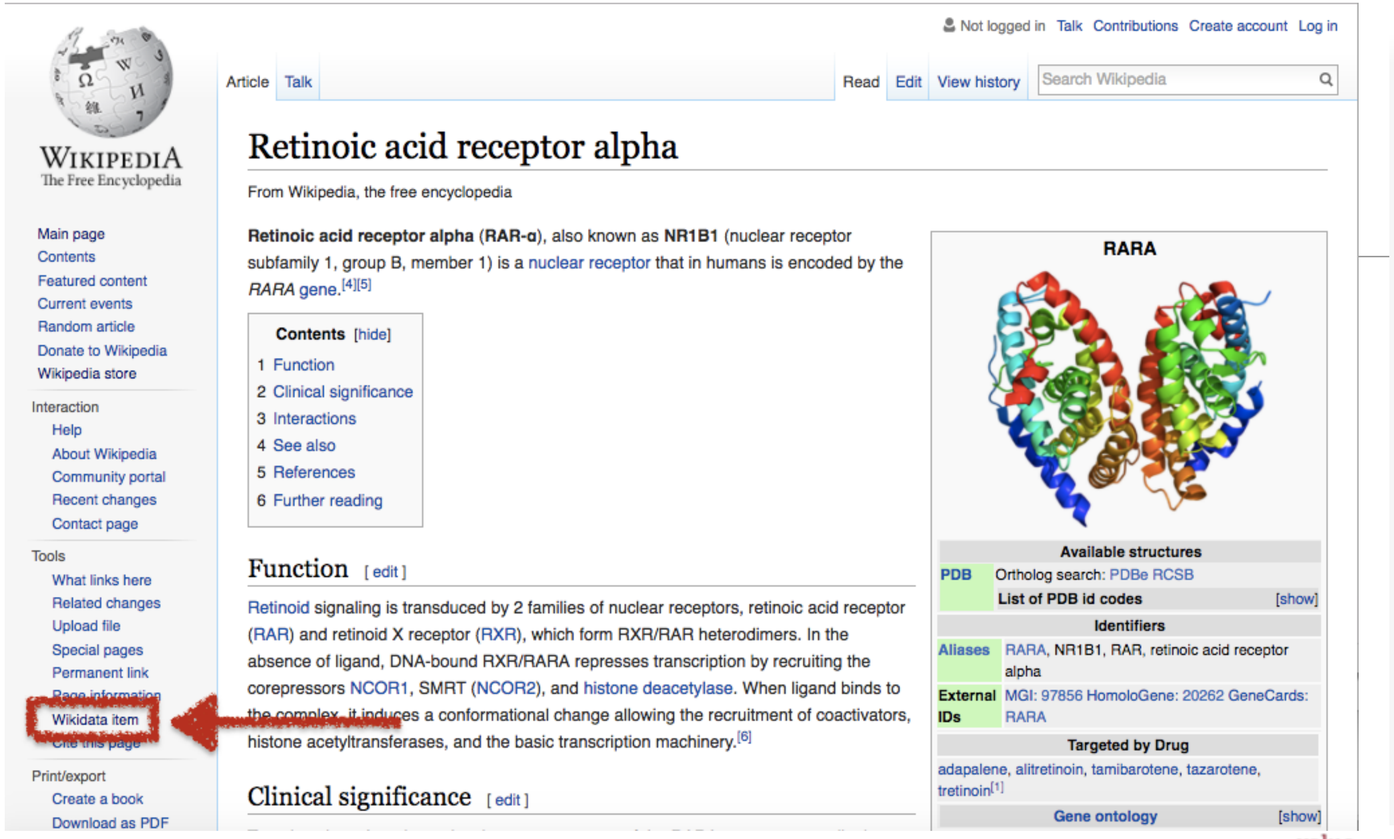
Most data shown by SQID is **live data** taken from the Wikidata API or the Wikidata SPARQL query service. Complex statistics that cannot currently be computed live are pre-computed from the weekly data dumps using Wikidata Toolkit. Some complex statistics can be fetched from SPARQL, but take too long to compute in the browser. These are updated every hour. See the **status page** for recency information and statistics on the current data.

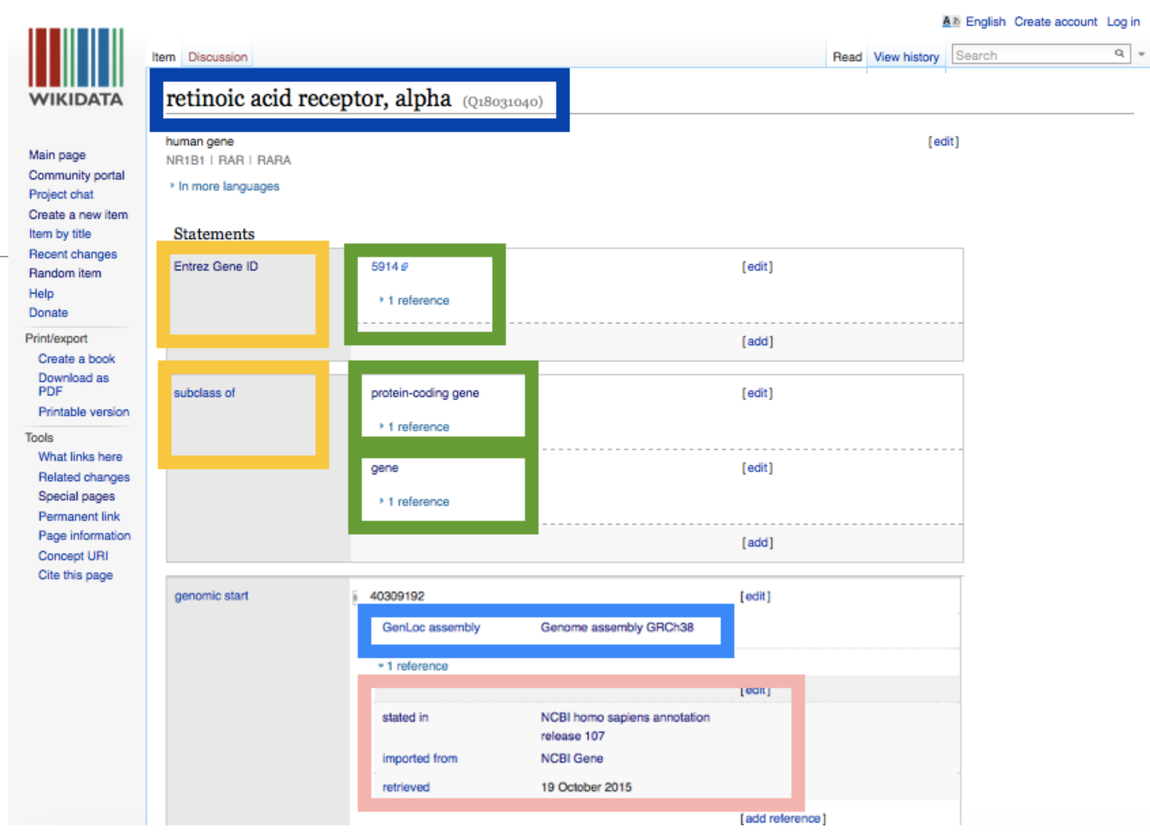
Wikidata: linked data base for Wikipedia

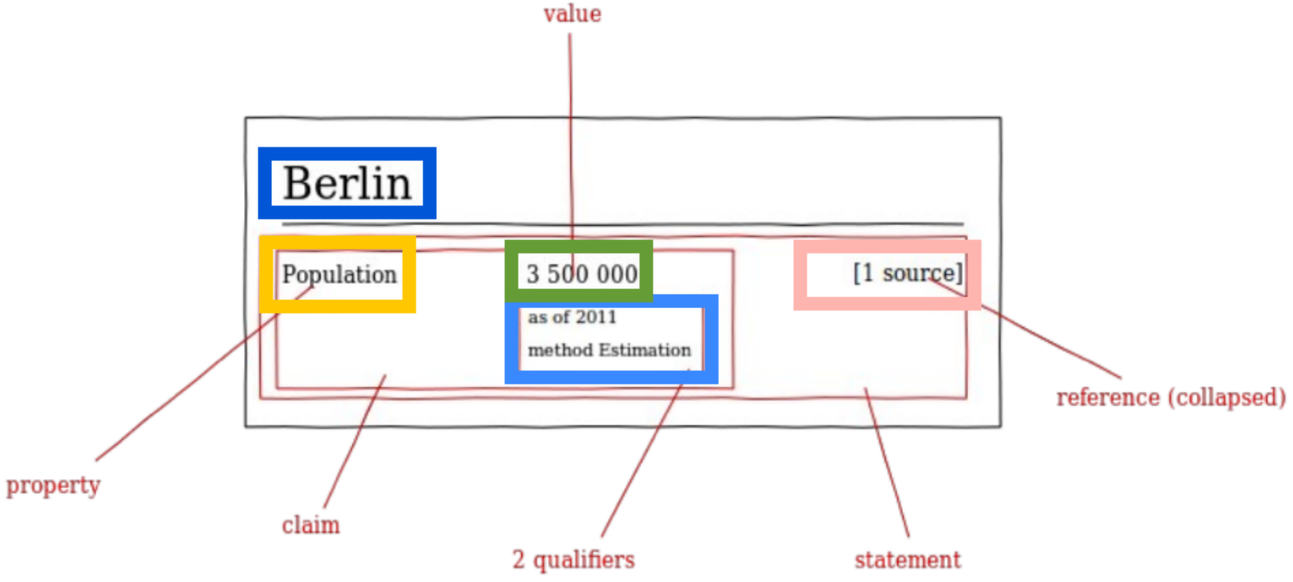




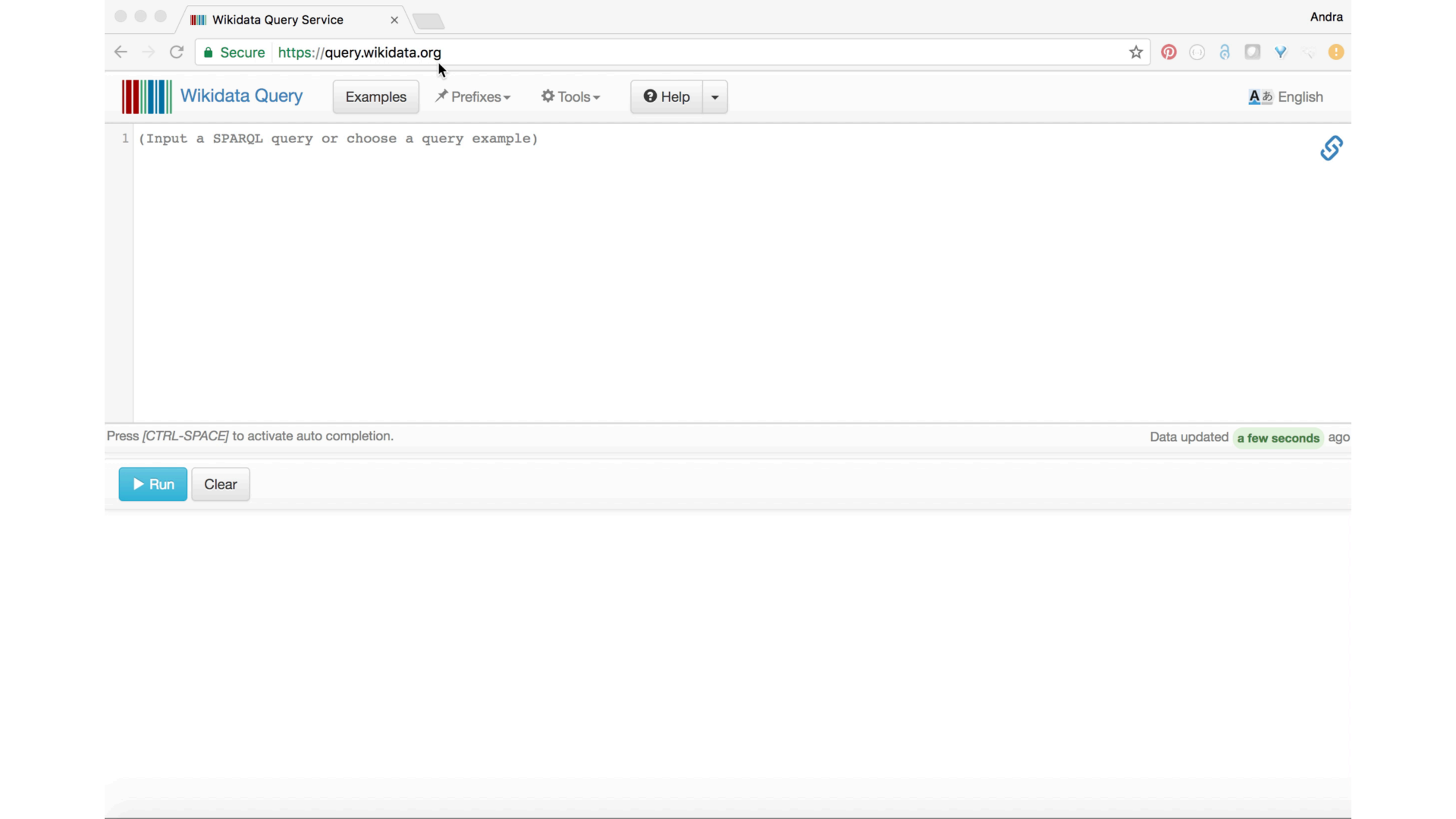
Source: http://commons.wikimedia.org/wiki/File:Wikidata_slides_Magnus_Manske,_Cambridge,_2014-02-27.pdf


Not logged in Talk Contributions Create account Log in
Article Talk
Read Edit View history
Search Wikipedia
WIKIPEDIA
The Free Encyclopedia
Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia
Wikipedia store
Interaction
Help
About Wikipedia
Community portal
Recent changes
Contact page
Tools
What links here
Related changes
Upload file
Special pages
Permanent link
Page information
Wikidata item
Cite this page
Print/export
Create a book
Download as PDF
Retinoic acid receptor alpha
From Wikipedia, the free encyclopedia
Retinoic acid receptor alpha (RAR-α), also known as NR1B1 (nuclear receptor subfamily 1, group B, member 1) is a nuclear receptor that in humans is encoded by the RARA gene.[4][5]
Contents [hide]
1 Function
2 Clinical significance
3 Interactions
4 See also
5 References
6 Further reading
Function [edit]
Retinoid signaling is transduced by 2 families of nuclear receptors, retinoic acid receptor (RAR) and retinoid X receptor (RXR), which form RXR/RAR heterodimers. In the absence of ligand, DNA-bound RXR/RARA represses transcription by recruiting the corepressors NCOR1, SMRT (NCOR2), and histone deacetylase. When ligand binds to the complex, it induces a conformational change allowing the recruitment of coactivators, histone acetyltransferases, and the basic transcription machinery.[6]
Clinical significance [edit]
RARA
Available structures
PDB Ortholog search: PDBe RCSB
List of PDB id codes [show]
Identifiers
Aliases RARA, NR1B1, RAR, retinoic acid receptor alpha
External IDs MGI: 97856 HomoloGene: 20262 GeneCards: RARA
Targeted by Drug
adapalene, alitretinoin, tamibarotene, tazarotene, tretinoin[1]
Gene ontology [show]


English Create account Log in
Item Discussion
Read View history
Search
WIKIDATA
retinoic acid receptor, alpha (Q18031040)
human gene
NR1B1 | RAR | RARA
In more languages
Main page
Community portal
Project chat
Create a new item
Item by title
Recent changes
Random 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
Statements
Entrez Gene ID
5914
1 reference
[edit]
[add]
subclass of
protein-coding gene
1 reference
gene
1 reference
[edit]
[add]
genomic start
40309192
GenLoc assembly
Genome assembly GRCh38
1 reference
stated in
NCBI homo sapiens annotation release 107
imported from
NCBI Gene
retrieved
19 October 2015
[add reference]


value
Berlin
Population
3 500 000
as of 2011
method Estimation
[1 source]
reference (collapsed)
property
claim
2 qualifiers
statement

DRUGBANK
Open Data Drug & Drug Target Database
DISEASE ONTOLOGY
NCBI
PubChem
WIKIDATA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Secure https://query.wikidata.org
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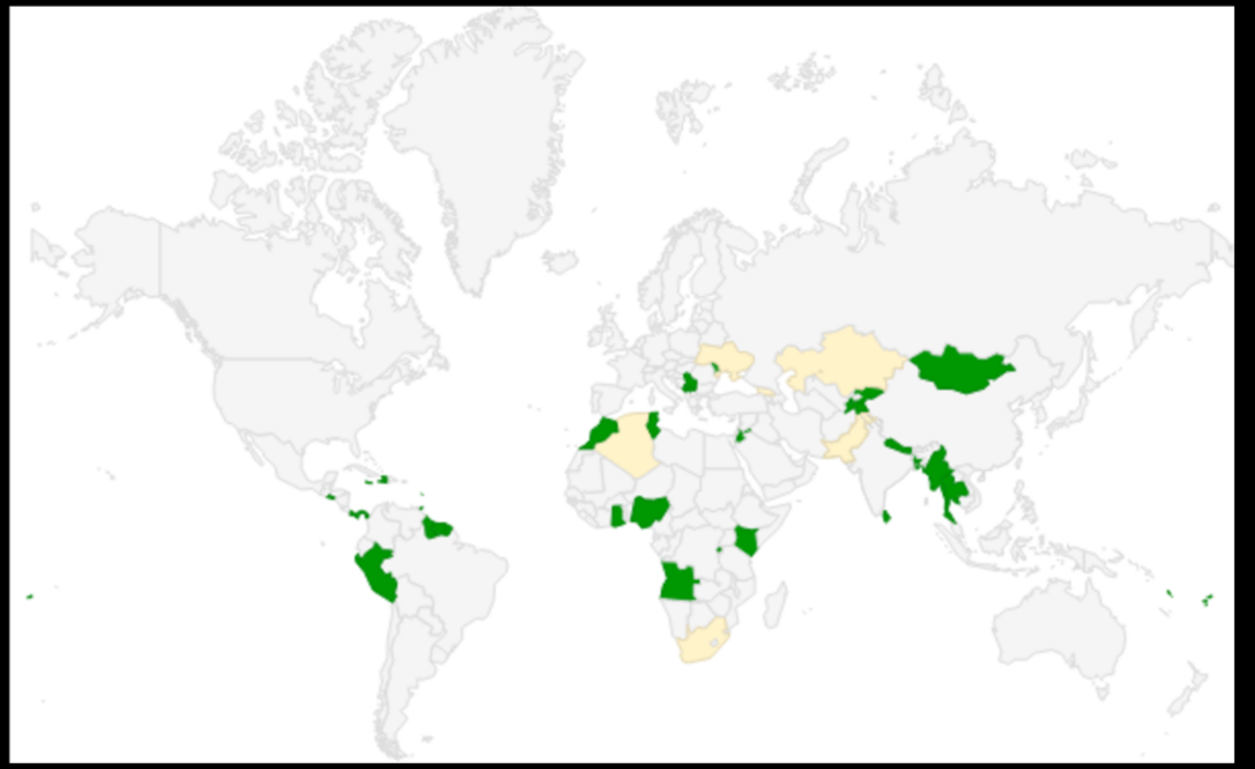

Wikipedia Zero countries as of September 6 2016

More details

JVargas (WMF) - Own work

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File: Wikipedia Zero countries as of September 6 2016.png

Created: 6 September 2016

About | Discussion | Help

Source: https://commons.wikimedia.org/wiki/File:Mosquito_2007-2.jpg

INTERNATIONAL CERTIFICATE* OF VACCINATION OR PROPHYLAXIS

This is to certify that [name] / Nous certifions que [nom] .....

date of birth / né(e) le 20/08/1973 sex / de sexe M

nationality / et de nationalité BELGISCHE NEDERLANDEN

national identification document, if applicable / document d'identification national, le cas échéant .....

whose signature follows / dont la signature suit .....

has on the date indicated been vaccinated or received prophylaxis against: (name of disease or condition) / a été vacciné(e) ou a reçu des agents prophylactiques à la date indiquée contre: (nom de la maladie ou de l'affection) ..... FIEVRE JAUNE .....

in accordance with the International Health Regulations. / conformément au Règlement sanitaire international.

Vaccine or prophylaxis Vaccin ou agent prophylactique اللقاح أو وسيلة التوقية	Date Date التاريخ	Signature and professional status of supervising clinician Signature et titre du clinicien responsable توقيع المسؤول السريري المشرف ووظيفته
1. FIEVRE JAUNE	05. 09. 2008	
2.		
3.		

* Requirements for validity of certificate on page 2.
Voir les conditions de validité à la page 3.

شهادة تطعيم أو توقية دولية *

نشهد بأن WAAGMEESTER ANNA .....

المولود في ..... الجنس .....

الجنسية .....

صاحب الوثيقة التالية التي تثبت هويته، إذا كانت متاحة، .....

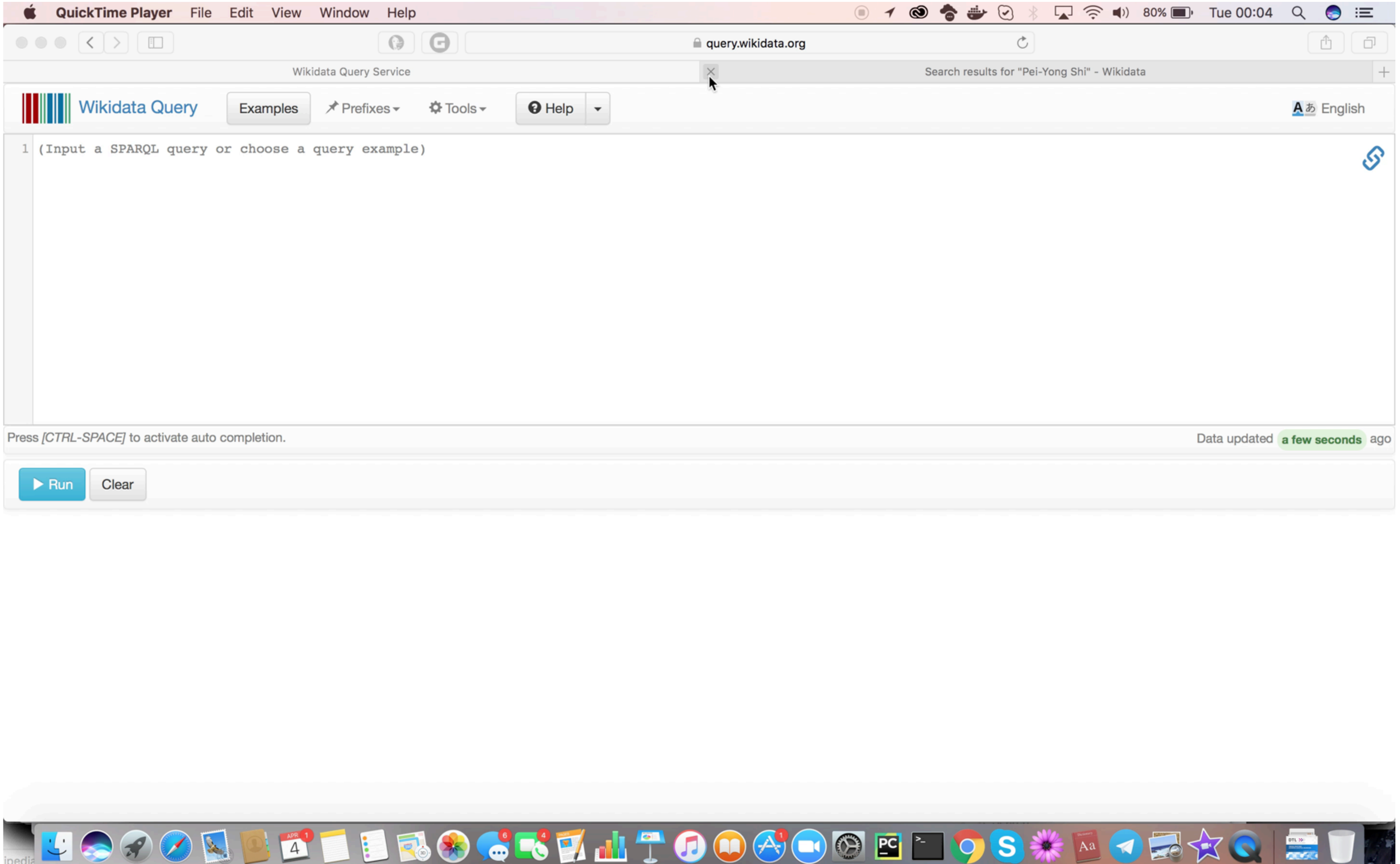
والذي يرد توقيعه في هذا الموضع .....

قد طُعم، في التاريخ المذكور في هذه الشهادة أو تلقى وسيلة للتوقية ضد: (المرض أو الحالة التالية) .....

وذلك طبقاً لأحكام اللوائح الصحية الدولية.

Manufacturer and batch no. of vaccine or prophylaxis Fabricant du vaccin ou de l'agent prophylactique et numéro du lot الشركة المنتجة للقاح أو وسيلة التوقية ورقم التشغيلة	Certificate valid from: until: Certificat valable à partir du : jusqu'au : هذه الشهادة صالحة ابتداء من: حتى:	Official stamp of the administering centre Cachet officiel du centre habilité الخاتم الرسمي لمركز التطعيم
VACCIN AMARIL PASTEUR SOUCHE lot n° 185421	05/09/2018	
LIFELONG		

* انظر شروط الصلاحية في الصفحة ٢


QuickTime Player File Edit View Window Help
80% Tue 00:04
query.wikidata.org
Wikidata Query Service
Search results for "Pei-Yong Shi" - Wikidata
Wikidata Query
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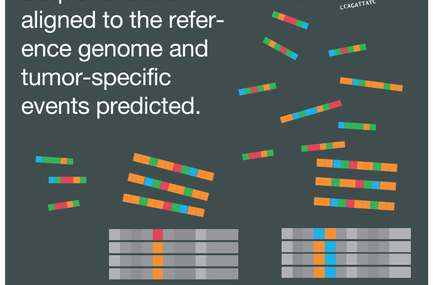
10 stappen om data publiek toegankelijk te maken in Wikidata

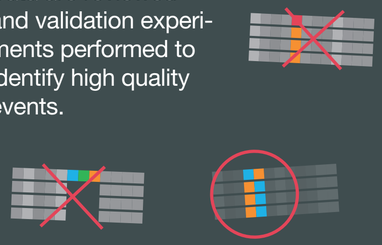
Data and Knowledge Production

Millions of raw sequence reads are produced for a patient tumor.

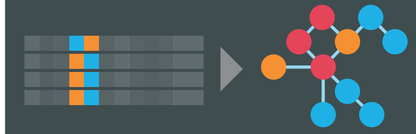
Sequences are aligned to the reference genome and tumor-specific events predicted.



Data are reviewed and validation experiments performed to identify high quality events.

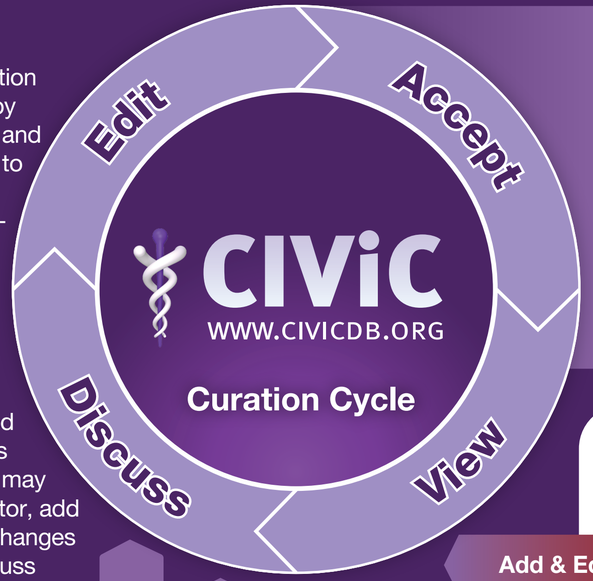


Events are annotated and scored in an effort to predict events of functional significance.

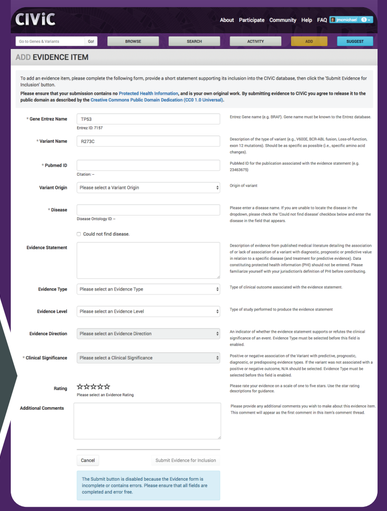


CIViC Curation

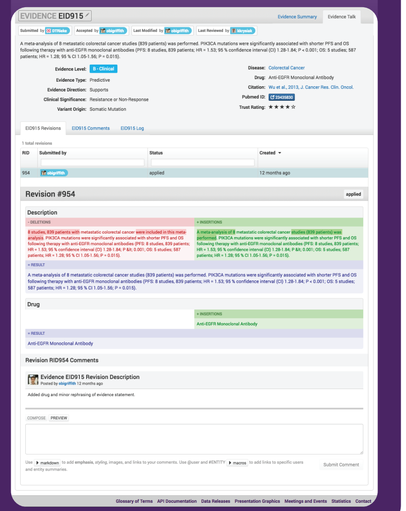
Crowdsourced curation efforts, moderated by experts in oncology and bioinformatics, help to build a knowledge-base of clinical interpretations of variants in cancer, describing the therapeutic, prognostic, diagnostic, and predisposing relevance of inherited and somatic variants of all types. Anyone may sign up to be a curator, add evidence, suggest changes to records, and discuss ongoing curation efforts.



Add New Evidence



Review and Discuss Edits

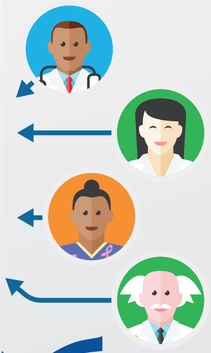


Query CIViC APIs

GENES
ENTREZ ID
VARIANTS
ALIASES
CLINVAR ID
HGVS EXP.
EVIDENCE
DRUG
RATING
DISEASE
CITATION
ORIGIN
DIRECTION

CC0

Add & Edit



WIKIDATA

DISEASE ONTOLOGY

NCBI

FDA

UniProt

PubChem

http://www.civicdb.org

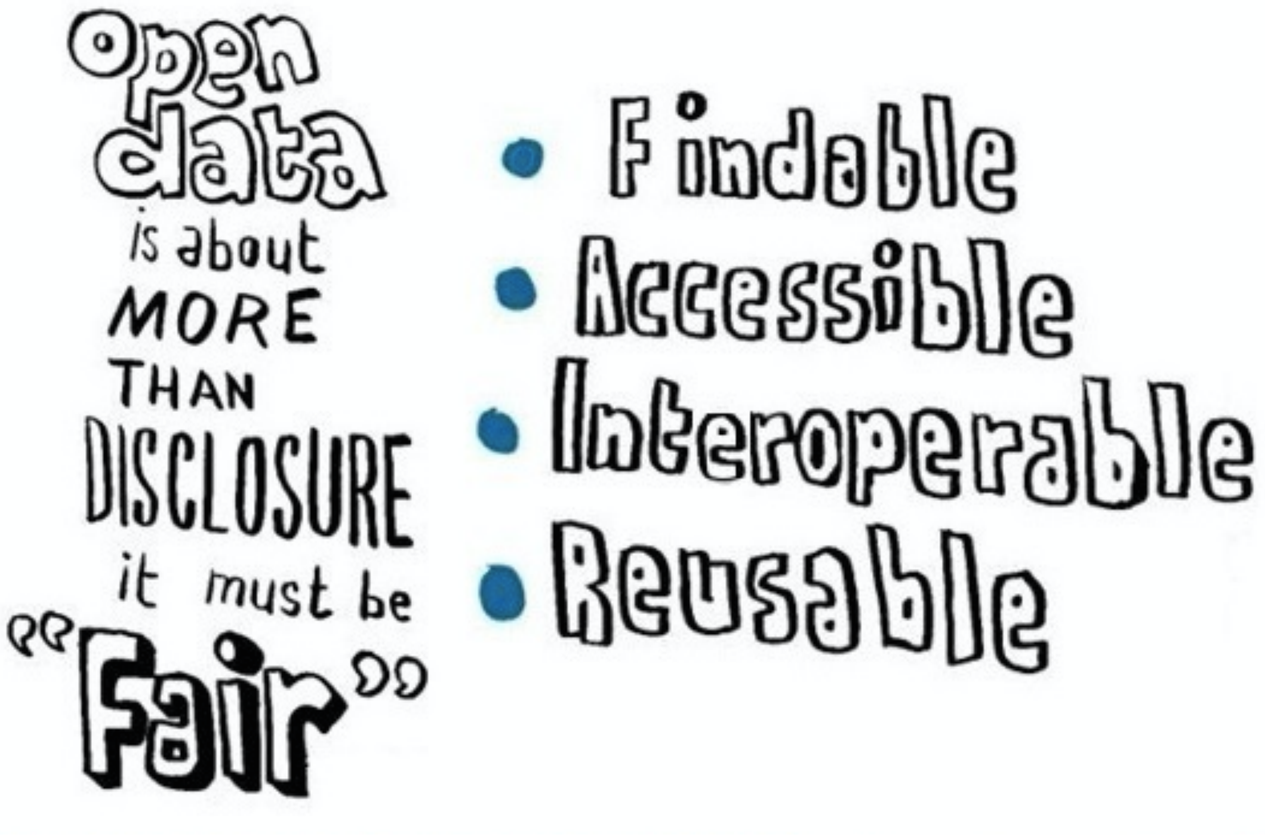
Step 1: Select a public license & link to Semantic Web

- **The data in Wikidata is published under the Creative Commons Public Domain Dedication 1.0**
- **Non-public data can be shared and linked through the Semantic Web**

```
#QUERY <http://sparql.wikipathways.org>
PREFIX wdt: <http://www.wikidata.org/prop/direct/>
PREFIX wd: <http://www.wikidata.org/entity/>
PREFIX p: <http://www.wikidata.org/prop/>
PREFIX wikibase: <http://wikiba.se/ontology#>
PREFIX bd: <http://www.bigdata.com/rdf#>

SELECT DISTINCT ?wd_gene ?title ?page WHERE {
    SERVICE <https://query.wikidata.org/bigdata/namespace/wdq/sparql> {
        # Below is the Wikidata specific part of the query
        ?wd_gene wdt:P279 wd:Q7187 ;
                 wdt:P703 wd:Q15978631 ;
                 wdt:P2888 ?wd_wp .
}
  # Below is the Wikipathways specific part of the query
  ?wd_wp dcterms:isPartOf ?pathway .
  ?pathway dc:title ?title .
  ?pathway foaf:page ?page .
  ?pathway dc:identifier ?wpIdentifier .

 }
```

CCO: https://creativecommons.org/publicdomain/zero/1.0/
Link to the semantic web: doi.org/10.6084/m9.figshare.4750795

Step 2: Be(come) FAIR & Notable

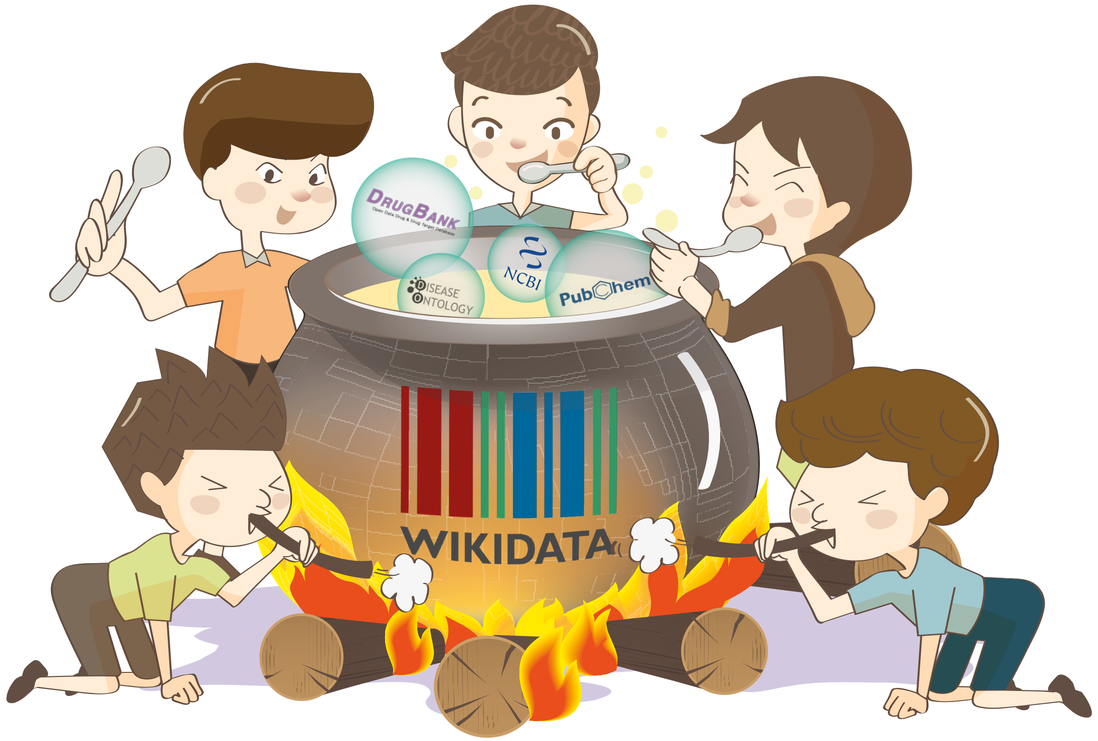


Notable items fulfil at least 1 of the following criteria:

1. It contains at least one valid sitelink to a page on Wikipedia (or its sister projects)
2. It can be described using serious and publicly available references
3. It fulfills some structural need

https://www.force11.org/group/fairgroup
https://www.wikidata.org/wiki/Wikidata:Notability

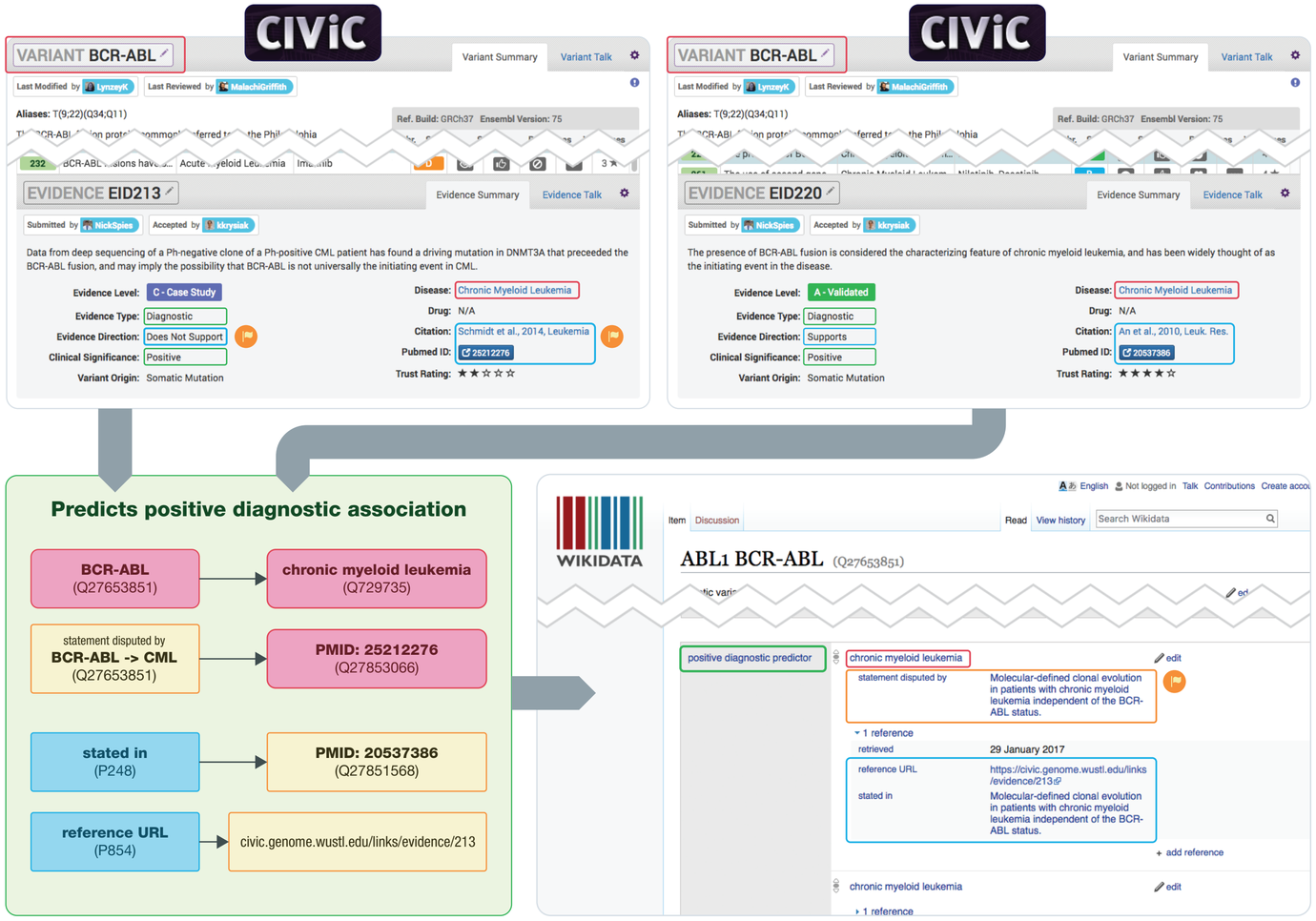
Step 3: Join Wikidata communities



Wikiprojects:

- https://www.wikidata.org/wiki/Wikidata:WikiProject_Molecular_biology
- https://www.wikidata.org/wiki/Wikidata:WikiProject_Medicine
- https://www.wikidata.org/wiki/Wikidata:WikiProject_Ontology

Step 4: Reach consensus on the underlying data model



New Wikidata properties:

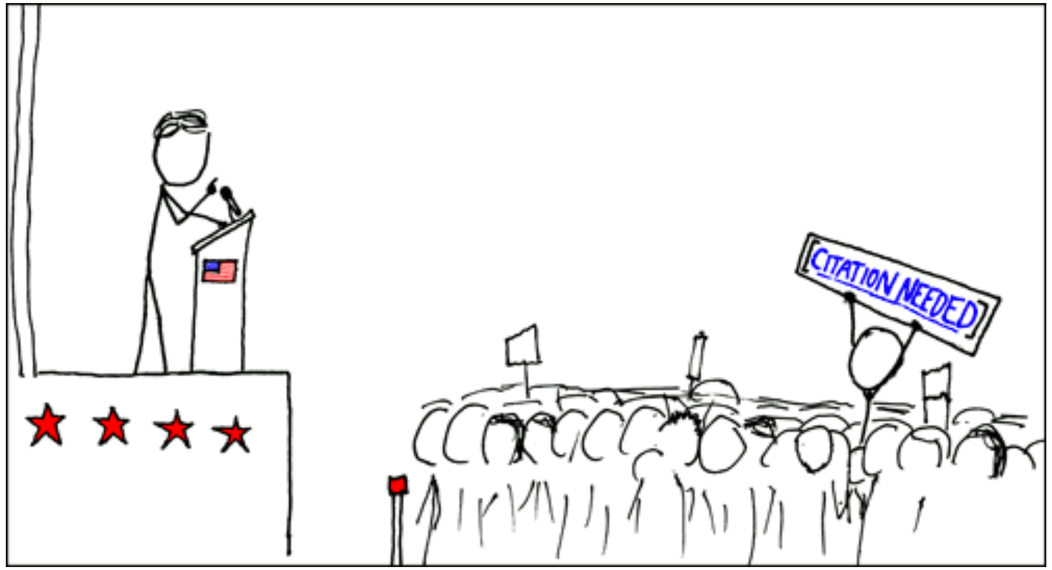
- CIViC variant ID (P3329)
- HGVS nomenclature (P3331)
- positive therapeutic predictor (P3354)
- negative therapeutic predictor (P3355)
- positive diagnostic predicator (P3356)
- negative diagnostic predicator (P3357)
- positive prognostic predictor (P3358)
- negative prognostic predictor (P3359)
- biological variant of (P3433)

Step 5: Show evidence

{ } wikicite

WikiCite builds a bibliographic database in Wikidata to serve all Wikimedia projects. Citations can now be added::

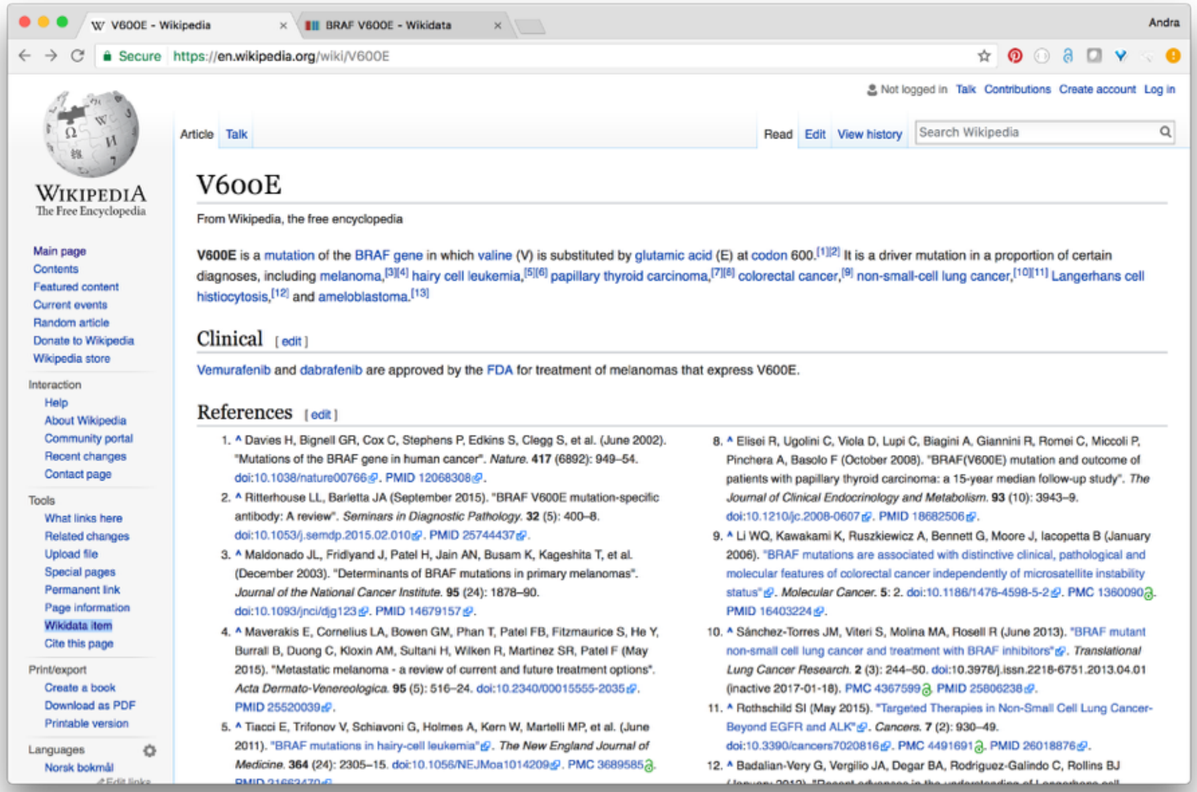
- Source Metadata: https://tools.wmflabs.org/sourcemd/
- PMIDTool: https://www.wikidata.org/wiki/Wikidata:WikiProject_Source_MetaData/PMIDTool

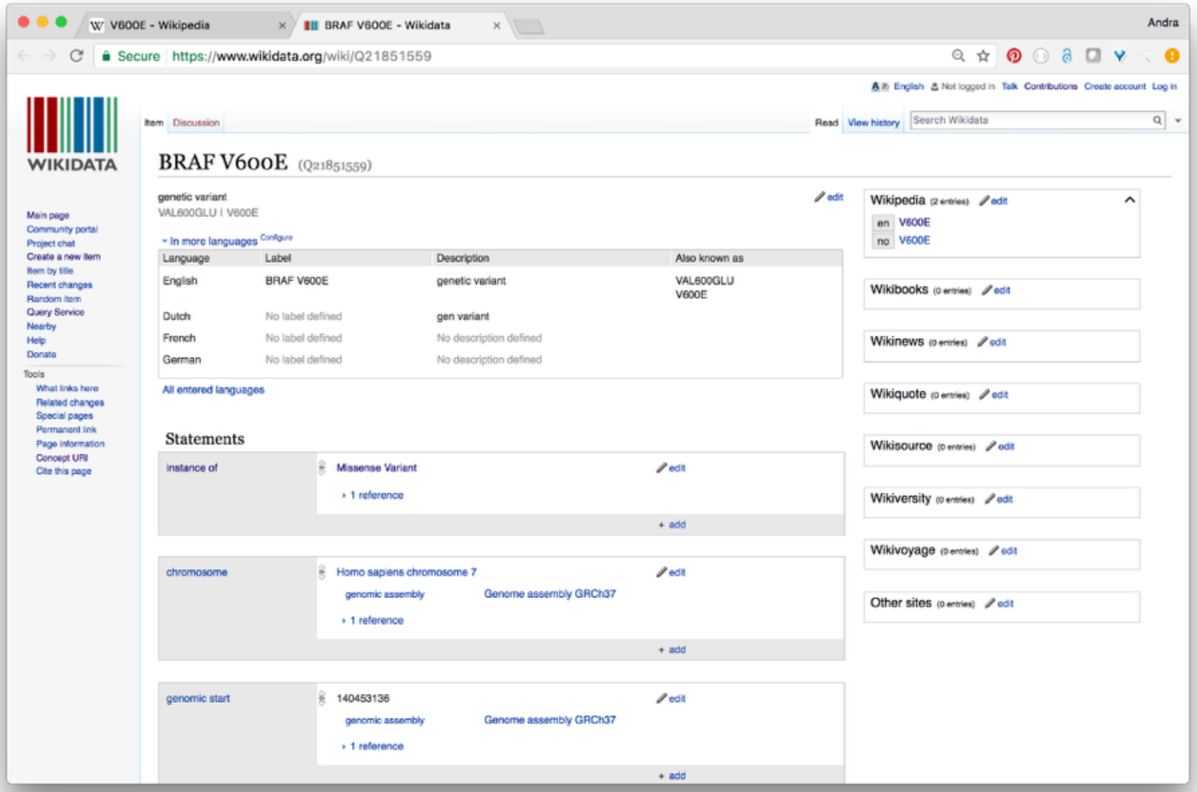


wikicite: https://meta.wikimedia.org/wiki/WikiCite

Evidence patterns: https://www.wikidata.org/wiki/User:ProteinBoxBot/evidence

Step 6: Create 1 or more canonical examples





https://en.wikipedia.org/wiki/V600E

https://www.wikidata.org/wiki/Q21851559

Step 7: Automate

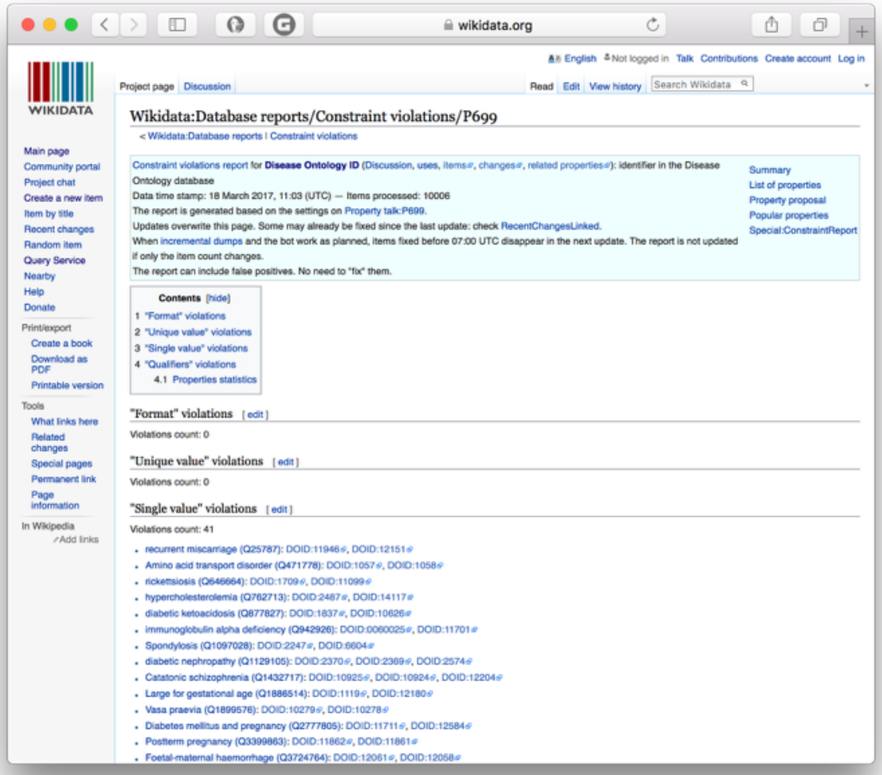
Different automation platforms are available:

- Quickstatements, is tool which can batches of statements (with optional qualifiers and sources) to Wikidata items
- PMIDTool: Tool to add Pubmed entries to the wikicite publication database
- Wikidata Integrator: a python library for reading and writing to Wikidata/Wikibase.

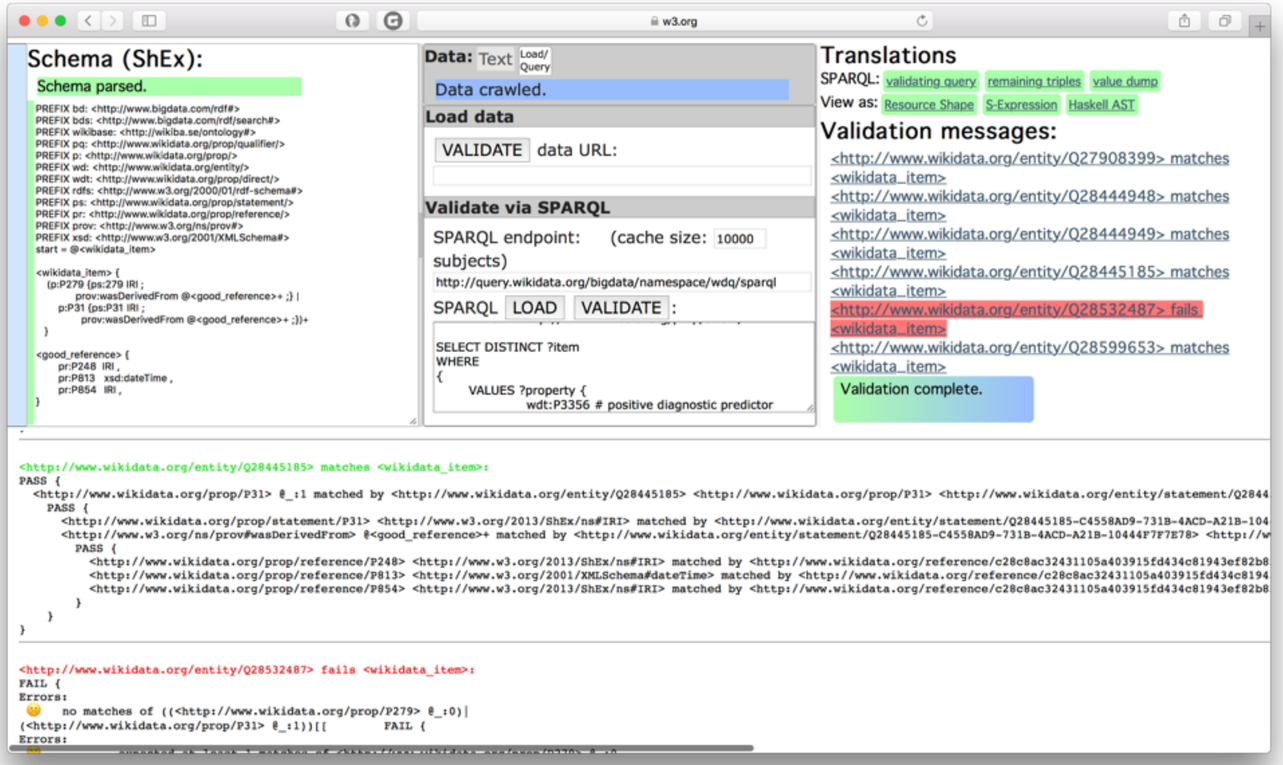
Quickstatements:
http://tools.wmflabs.org/wikidata-todo/quick_statements.php
PMIDTool: https://www.wikidata.org/wiki/Wikidata:WikiProject_Source_MetaData/PMIDTool
Wikidata Integrator: https://github.com/SuLab/WikidataIntegrator

Step 8: Validate

Constraint Violations



W3c Shape Expressions



Wikidata constraint violations: https://www.wikidata.org/wiki/Wikidata:Database_reports/Constraint_violations

Shape expressions: http://tinyurl.com/wikidataShExDemo

Veilig https://query.wikidata.org

Wikidata Query

Examples Prefixes Tools Help English

```
1 (Input a SPARQL query or choose a query example)
```

Press *[CTRL-SPACE]* to activate auto completion.

Data updated **a few seconds** ago

Run Clear

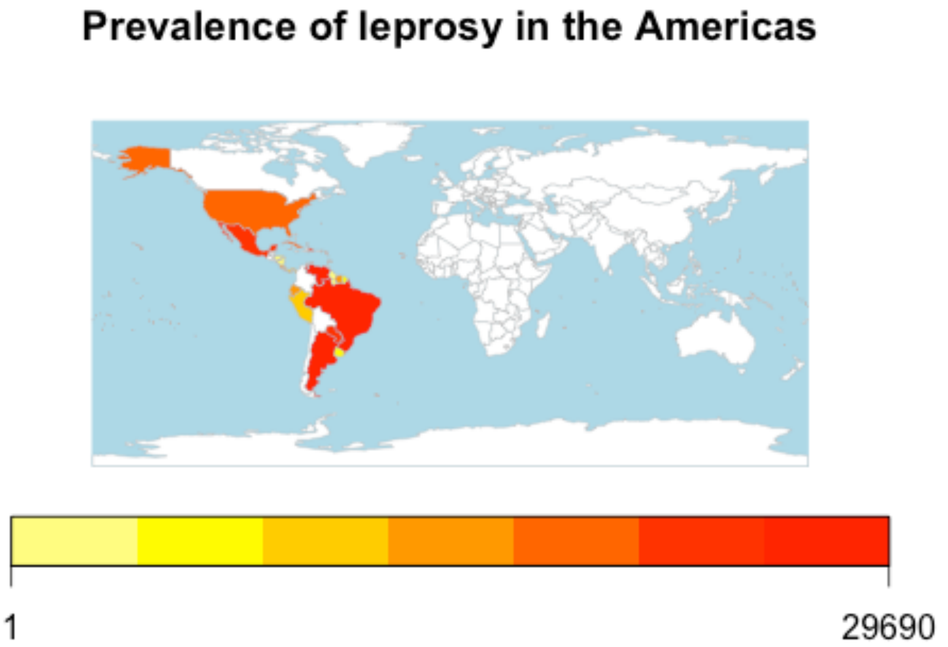
Step 9: Reuse (R)

```
1  library(SPARQL)
2  library(ggplot2)
3  library(rworldmap)
4
5  wdqs <- "https://query.wikidata.org/bigdata/namespace/wdq/sparql"
6  query <- "PREFIX wd: <http://www.wikidata.org/entity/>
7  PREFIX wdt: <http://www.wikidata.org/prop/direct/>
8  PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
9  PREFIX p: <http://www.wikidata.org/prop/>
10 PREFIX v: <http://www.wikidata.org/prop/statement/>
11 PREFIX qualifier: <http://www.wikidata.org/prop/qualifier/>
12 PREFIX statement: <http://www.wikidata.org/prop/statement/>
13 SELECT DISTINCT ?countryLabel ?ISO3Code ?latlon ?prevalence ?year WHERE {
14 wd:Q36956 wdt:P699 ?doid ; # P699 Disease ontology ID
15 p:P1193 ?prevalencewithProvenance . # P1193 prevalence
16 ?prevalencewithProvenance qualifier:P17 ?country ;
17 qualifier:P585 ?year ;
18 statement:P1193 ?prevalence . # P17 country
19 ?country wdt:P625 ?latlon ;
20 rdfs:label ?countryLabel ;
21 wdt:P298 ?ISO3Code ;
22 wdt:P297 ?ISOCode .
23 FILTER (lang(?countryLabel) = \"en\")
24 }"
25
26 results <- SPARQL(wdqs, query)
27 resultMatrix <- as.matrix(results$results)
28 View(resultMatrix)
29 sPDF <- joinCountryData2Map(results$results, joinCode = "ISO3", nameJoinColumn = "ISO3Code")
30 mapCountryData(sPDF, nameColumnToPlot="prevalence",  oceanCol="lightblue", missingCountryCol
31 View(getMap())
```

R libraries

SPARQL Query

Analysis and visualization



Step 9: Reuse (R)

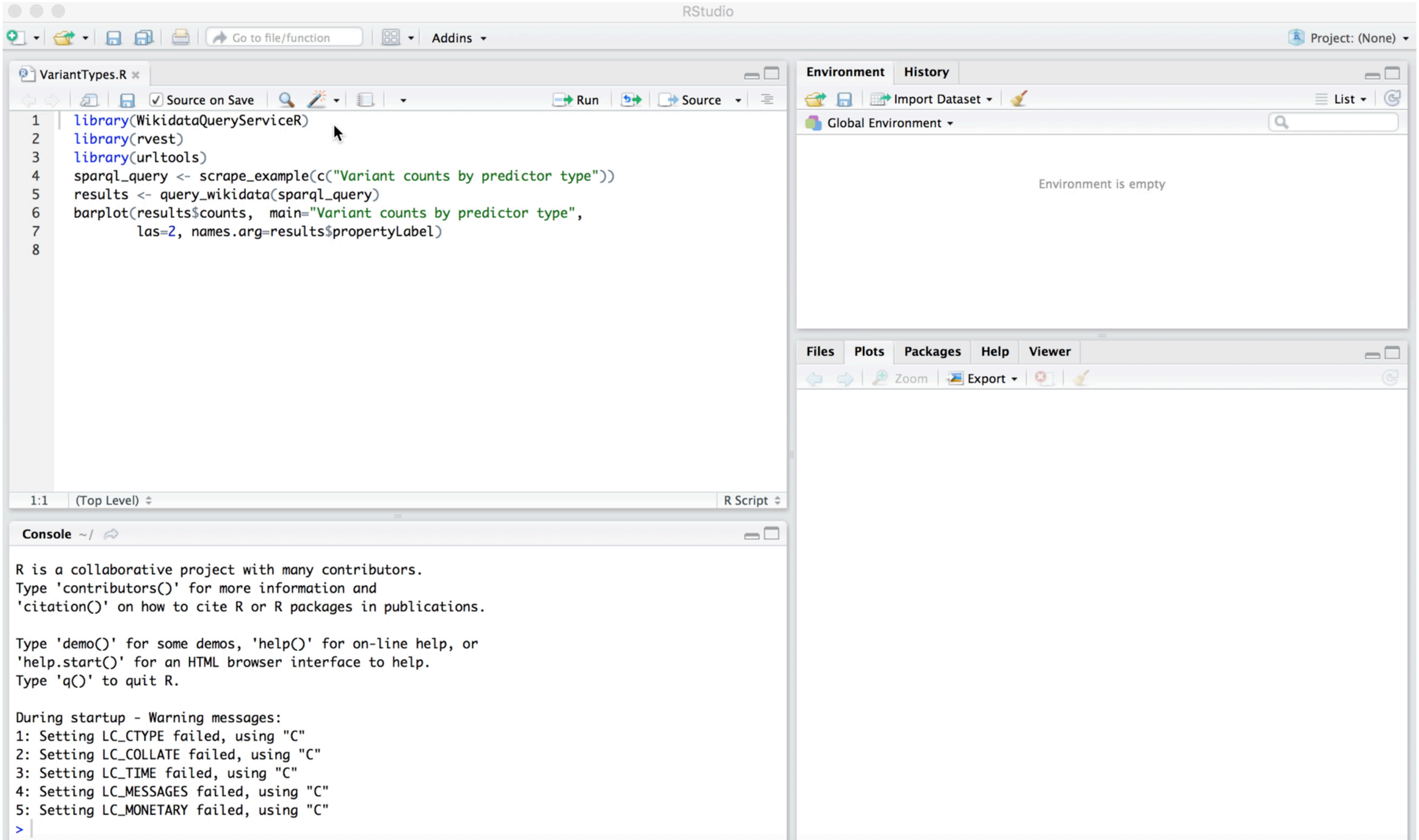
```r
library(WikidataQueryServiceR)
library(rvest)
library(urltools)

sparql_query <- scrape_example(c("Variant counts by predictor type"))

results <- query_wikidata(sparql_query)
barplot(results$counts,  main="Variant counts by predictor type",
        las=2, names.arg=results$propertyLabel)
```

R libraries

Get example query

Analysis and visualization

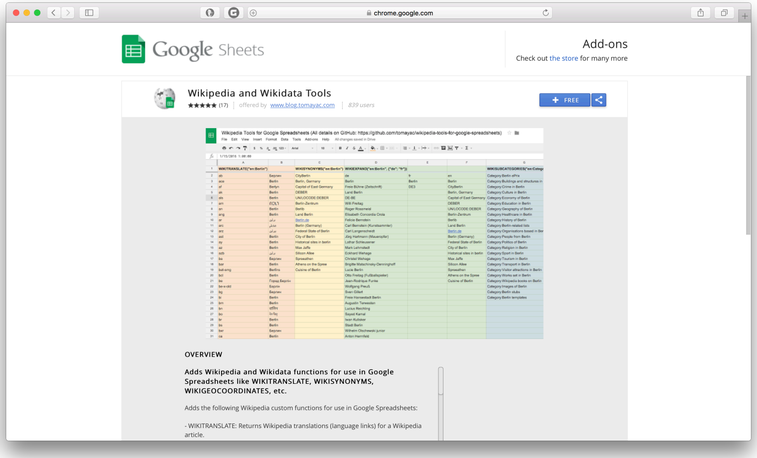
WikidataQueryServiceR is an R wrapper for the Wikidata Query Service (WDQS), which allows extracting queries directly from the examples given in the WDQS.
https://cran.r-project.org/web/packages/WikidataQueryServiceR/README.html


RStudio
Go to file/function
Addins
Project: (None)
VariantTypes.R
Source on Save
Run
Source
1 library(WikidataQueryServiceR)
2 library(rvest)
3 library(urltools)
4 sparql_query <- scrape_example(c("Variant counts by predictor type"))
5 results <- query_wikidata(sparql_query)
6 barplot(results$counts, main="Variant counts by predictor type",
7 las=2, names.arg=results$propertyLabel)
8
1:1
(Top Level)
R Script
Console ~/
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
During startup - Warning messages:
1: Setting LC_CTYPE failed, using "C"
2: Setting LC_COLLATE failed, using "C"
3: Setting LC_TIME failed, using "C"
4: Setting LC_MESSAGES failed, using "C"
5: Setting LC_MONETARY failed, using "C"
>
Environment
History
Import Dataset
List
Global Environment
Environment is empty
Files
Plots
Packages
Help
Viewer
Zoom
Export

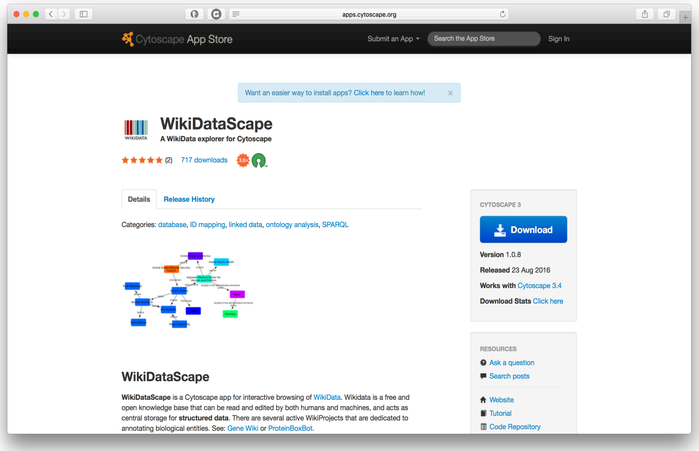
Step 9: Reuse (build tools/apps)

1. http://www.wikigenomes.org

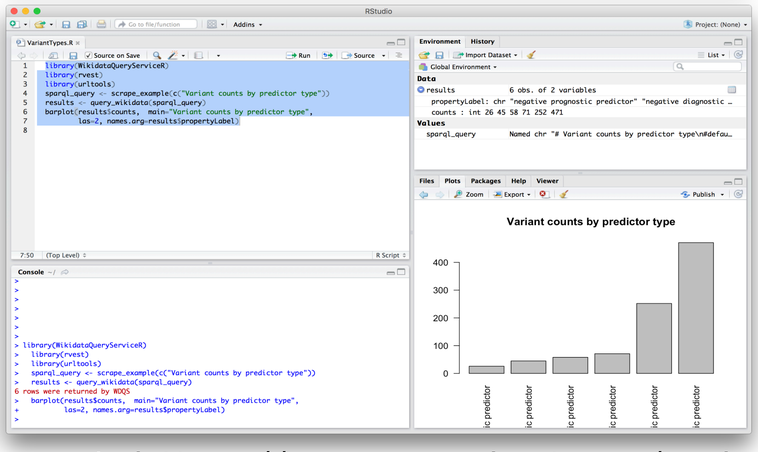
2. http://tinyurl.com/WikipediaWikidataGoogleAddOn



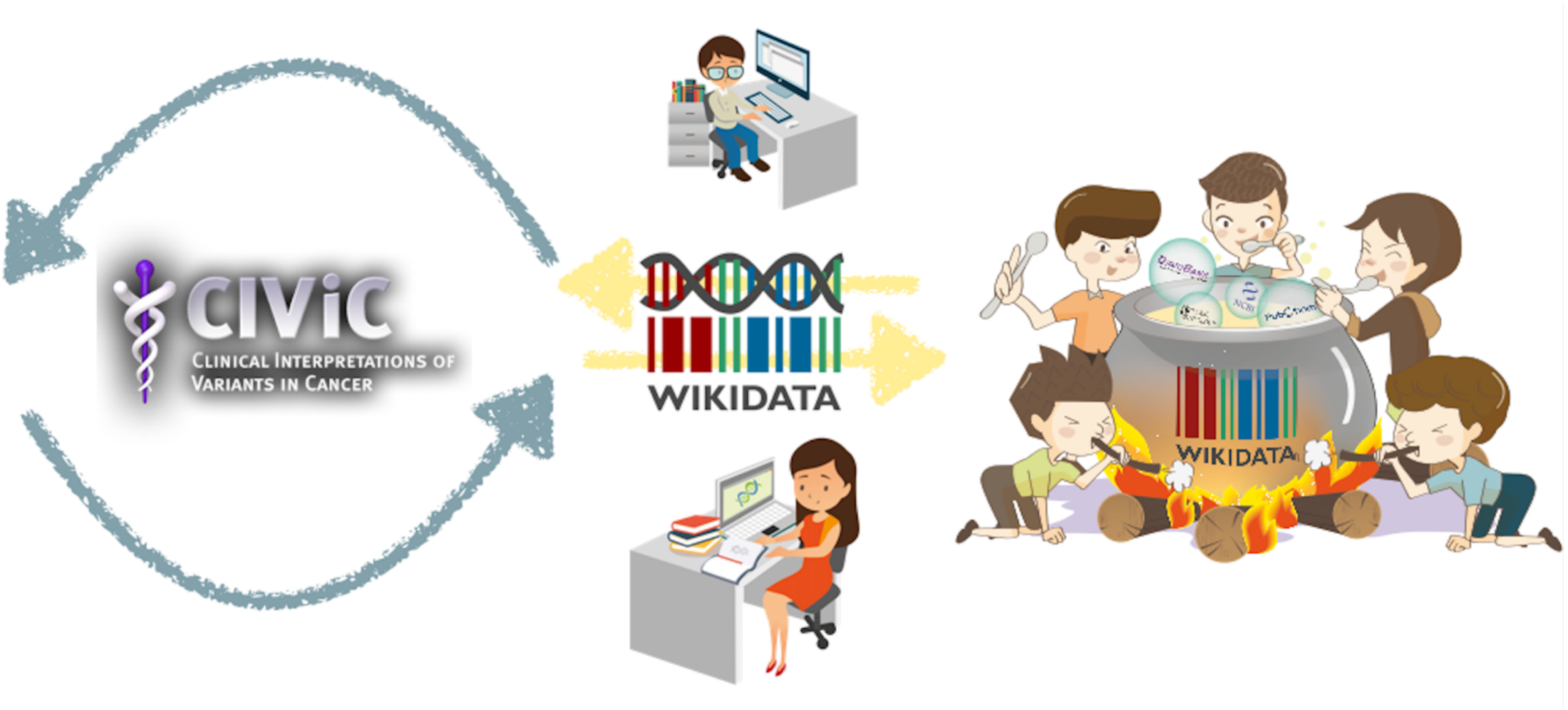
3. http://apps.cytoscape.org/apps/wikidatascape



4. https://cran.r-project.org/web/packages/WikidataQueryServiceR/index.html

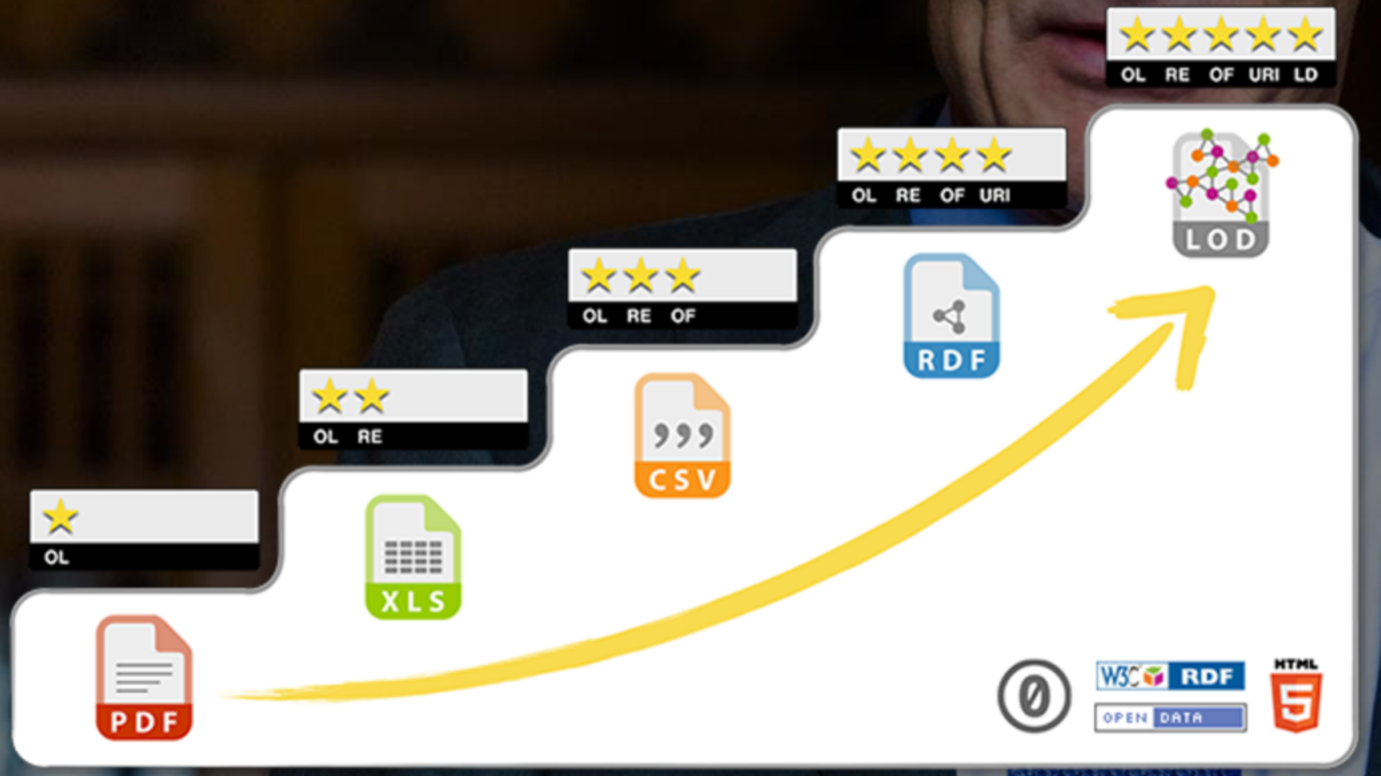


Step 10: Update

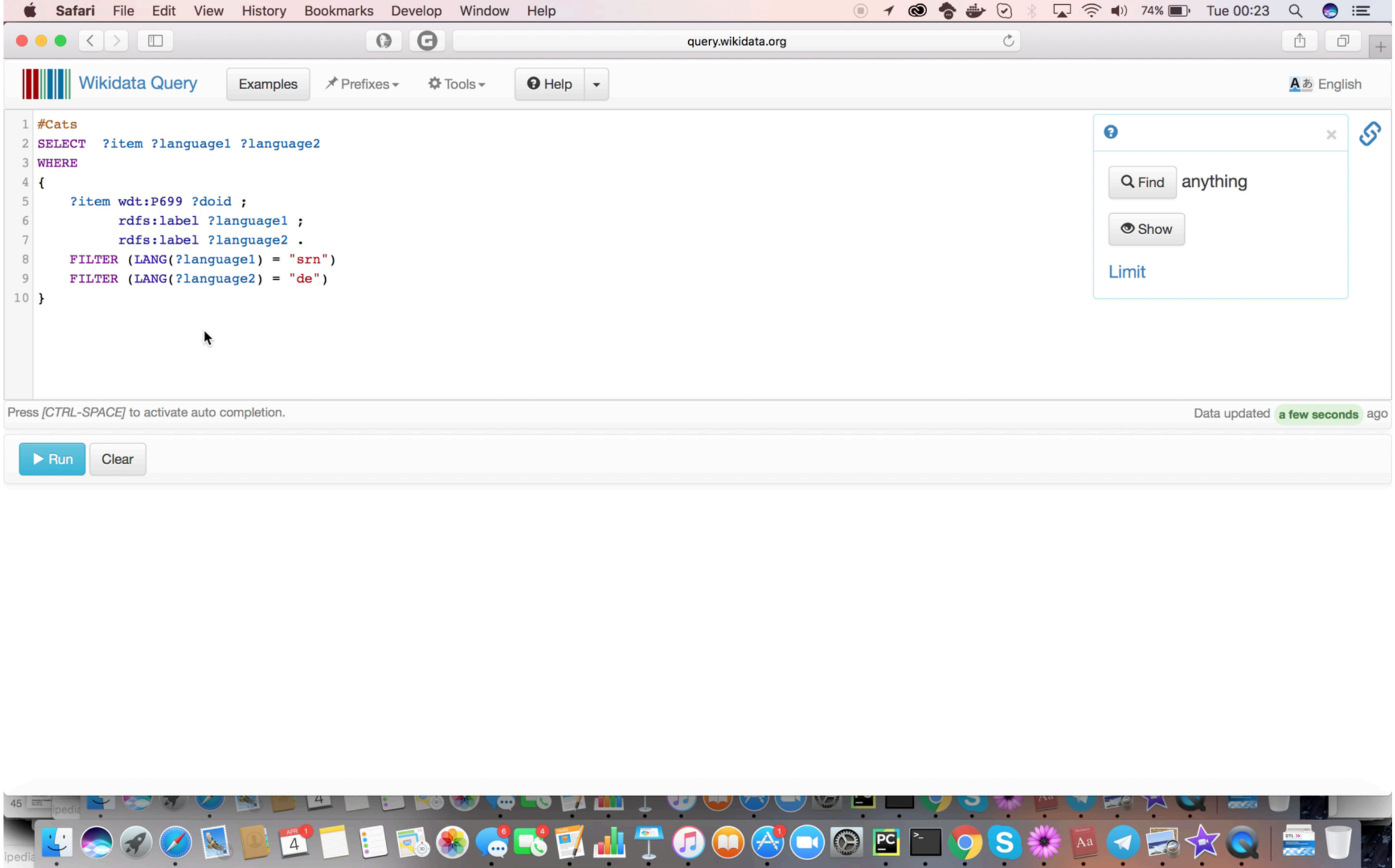


5 ★ OPEN DATA

Tim Berners-Lee, the inventor of the Web and Linked Data initiator, suggested a 5-star deployment scheme for Open Data. Here, we give examples for each step of the stars and explain costs and benefits that come along with it.



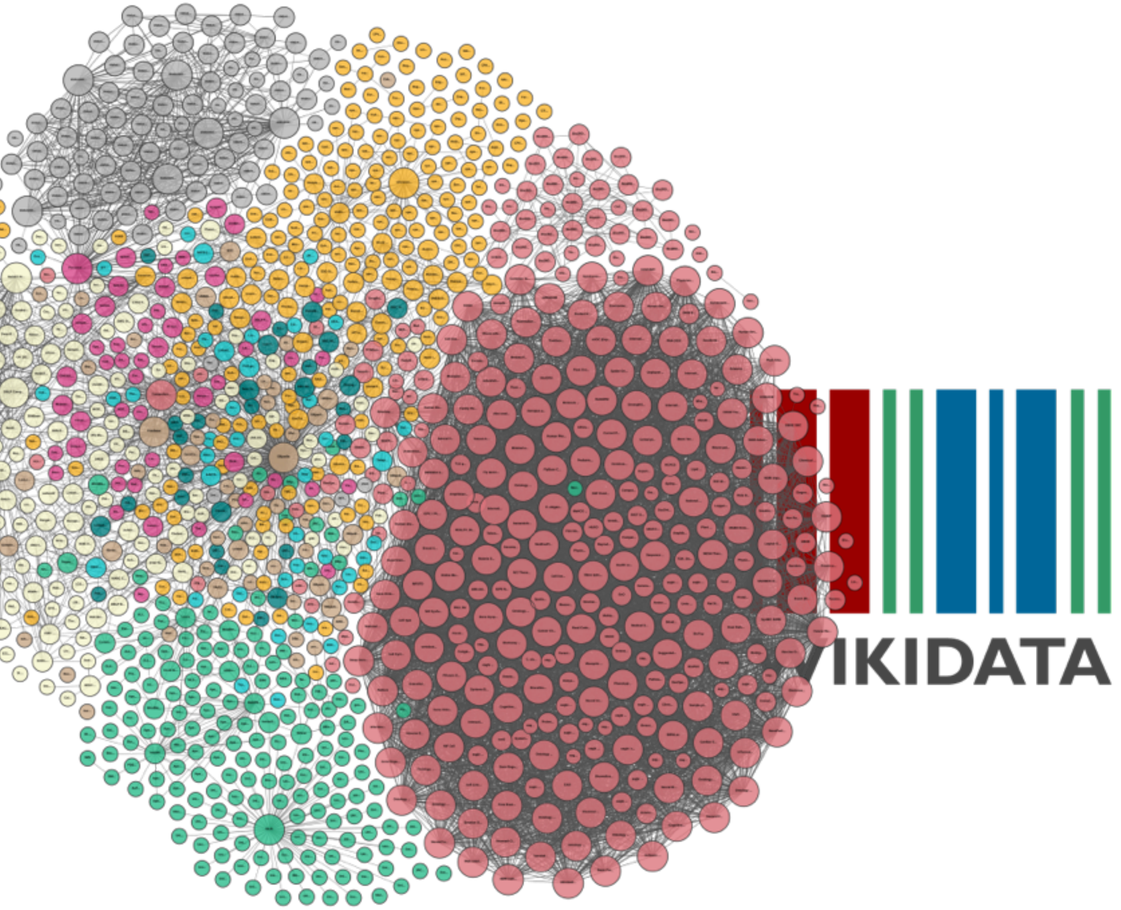
Takehome message


Safari File Edit View History Bookmarks Develop Window Help
74% Tue 00:23
query.wikidata.org
Wikidata Query
Examples
Prefixes
Tools
Help
English
#Cats
SELECT ?item ?language1 ?language2
WHERE
{
?item wdt:P699 ?doid ;
rdfs:label ?language1 ;
rdfs:label ?language2 .
FILTER (LANG(?language1) = "srn")
FILTER (LANG(?language2) = "de")
}
Find anything
Show
Limit
Press [CTRL-SPACE] to activate auto completion.
Data updated a few seconds ago
Run
Clear

Is there local public data on mosquito transmitted diseases, like Zika or malaria that could be added to Wikidata?

fotobron: https://commons.wikimedia.org/wiki/File:Mosquito_2007-2.jpg

Dataplaygrounds



10 years
spangmakandra®
consult · collaborate · realize

RDF
Metadata

micelio

Welke soep gaan wij maken?

D&A Management

D&A Management is an Belgian *consultancy/management/investment* company that is strong in matching people and companies all over the world.

Integrity, **dynamism** and **versatility** are our strengths. **Passion** and **expertise our features**. We want to provide added value and working together to build your success story.

D&A Management is looking forward to work together with a Distribution-partner in ***Suriname*** for the products on the next pages..

CIDRERIE RUWET NV

Since **1898** Cidrerie Ruwet is a producer of **craft apple cider**.
Based on our experiences, standards and methods of production, we decided to maintain certain principles: we believe "*there is no substitute for quality*".
Many years ago, many industrial cider manufacturers tried to "innovate" but in fact they just tried to do things in a cheaper way by compromising on quality. Industrial cider producers use apple juice from concentrate and dry yeast.
At Ruwet we use **only 100% apple juice, freshly pressed in the morning and fermented at noon with our fresh, organic yeast.**

Cidrerie Ruwet NV is 100% Belgian, privately owned and independent. In 2014 a young management team, the brothers Joris (32y) and Frank (35y) Hermans together with a third partner, took over the company via a MBO. After a profound operational and strategic reorganisation, the company now enters into the last stage, this is the commercial reorientation.

Q&A Vlaanderen

THE BELGIAN CRAFT CIDER

To turn its heritage of traditional apple cider into today's demand and the international trend of "craft cider", Cidrerie Ruwet NV is launching the only ***Belgian Craft Cider***. *Belgian* because the company is 100% Belgian and processes only Belgian fruit, *Craft* because it still produces apple cider in a traditional, authentic way based on its experiences for more the 100 years.

With premium quality in the bottle and a trendy, authentic look on the bottle, **Cidre Ruwet is the alternative for a dynamic consumer who is looking for authenticity, craftsmanship and quality**.

·BELGIAN CRAFT CIDER·
CIDRE
RUWET
ANNO 1898

PRODUCTS

Cidre RUWET *Apple* 33Cl 4,5% Alc.
A natural apple cider, medium sweet

Cidre RUWET *Elderberry* 33Cl 4,5% Alc.
A natural apple cider with hints of elderberry and muscat grape

Huwa-San is a Roam Technology brand

Roam-Technology is a world-leader company in cleaning-water..

Roam Technology designs efficient and sustainable disinfection solutions for a diverse range of applications. Take for example the disinfection of surfaces and water in the horticultural and veterinary field, the cosmetics, food and drink industries, swimming pools, and for domestic use. Hygiene is key in almost every environment.

And that’s exactly where we would like to make a difference with our innovative knowledge, superior quality products and customised service.
Roam Technology always goes the extra mile for a cleaner future. Both for your own company as well as for the world around you.

DTL

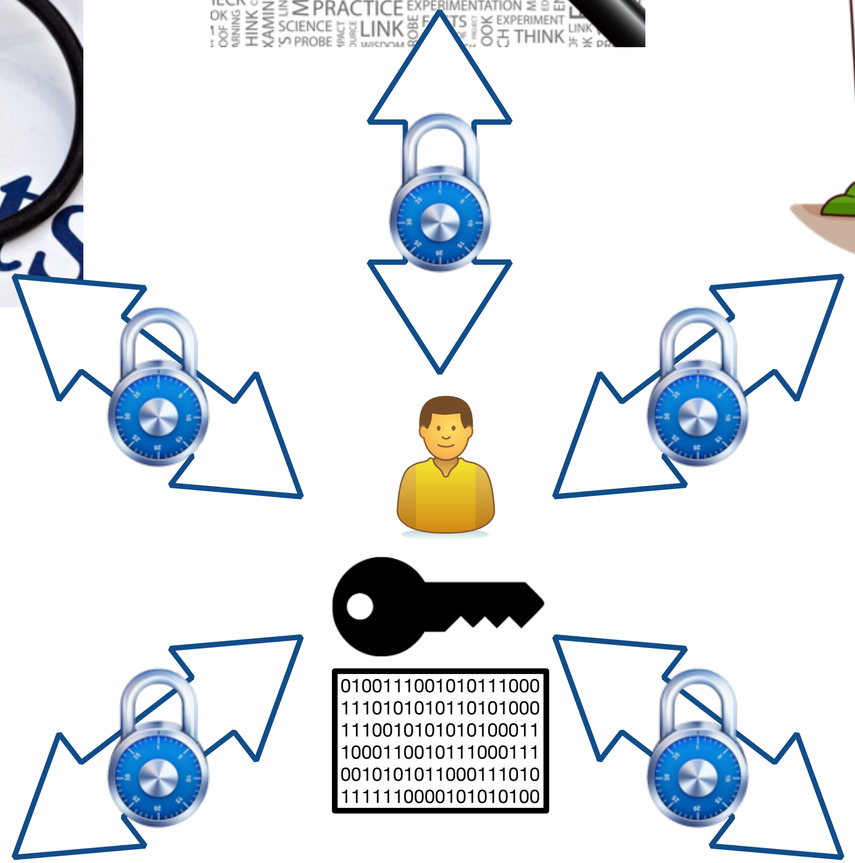
DUTCH TECHCENTRE FOR LIFE SCIENCES

PERSONAL HEALTH TRAIN
(SUGGESTED) CONCEPTUAL ARCHITECTURE

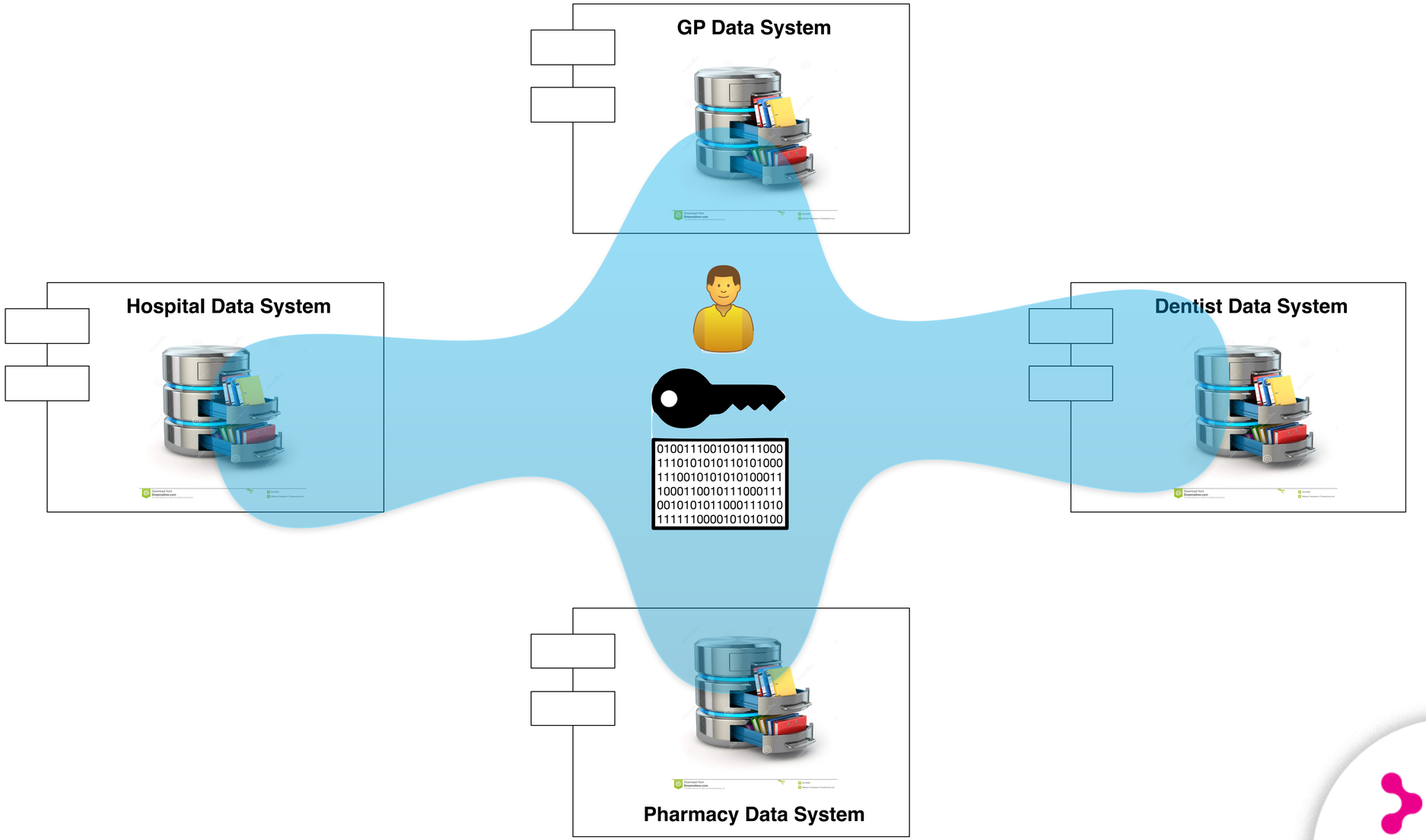
Luiz Olavo Bonino - luiz.bonino@dtls.nl

DTL

SECURE CONNECTION AND CONTROL



VIRTUAL DATA STORAGE



HOW TO INTEGRATE MANY TYPES OF LOCKERS?

- Based on FAIR Data
- Define minimal functionality
- Define compliant interfaces
- Certify solution providers

- Wikidata contains public data
- Wikidata provides a public infrastructure for your FAIR data
- Sharing your data on Wikidata makes it FAIR
- Communities are key in Wikidata
- Wikidata is not a primary data source and need proper citation to the evidence
- WikiCite enabled a linked citation graph on Wikidata.
- We have successfully added and integrated authoritative data on genes, proteins, genetic variants, diseases, drugs, chemical compounds and citations to Wikidata.
- We need more tools / interfaces using Wikidata
- We cordially invite you to join us (and CIViC, Cellosaurus and WikiPathways) in making Wikidata the central hub of life science data,.

Acknowledgments

GeneWiki

The Scripps Research Institute

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Julia Turner
Benjamin Good
Andrew Su

University of British Columbia

Paul Pavlidis
Matthew Jacobson

University of Maryland

Lynn Schriml
Elvira Mitraka

CIViCdb

McDonnell Genome Institute

Josh F. McMichael
Benjamin Ainscough
Malachi Griffith
Obi L. Griffith

Wikidata community

All users & administrators

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