

Level up your wiki editing with Wikidata queries

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Let us show you something cool!

Why queries?

Wikidata's data is spread across over 100 Million Items.

Queries give you the power to explore these connections and answer interesting questions and gain new insights!

They also power a lot of apps built on top of Wikidata's data.

Just some useful things queries make possible:

- Find gaps in content and help you narrow it down enough to do something about it
- Create work lists for your next editathon or wiki project
- Make beautiful visualisations of a topic you care about



 commons:Gustav Klimt - Beethovenfries, "Die Sehnsucht nach dem Glück"...

 Beethoven Frieze



 commons:The Kiss - Gustav Klimt - Google Cultural...

 The Kiss




 commons:El Beso (Pinacoteca de Brera...

 The Kiss



 commons:Bouguereau first k...

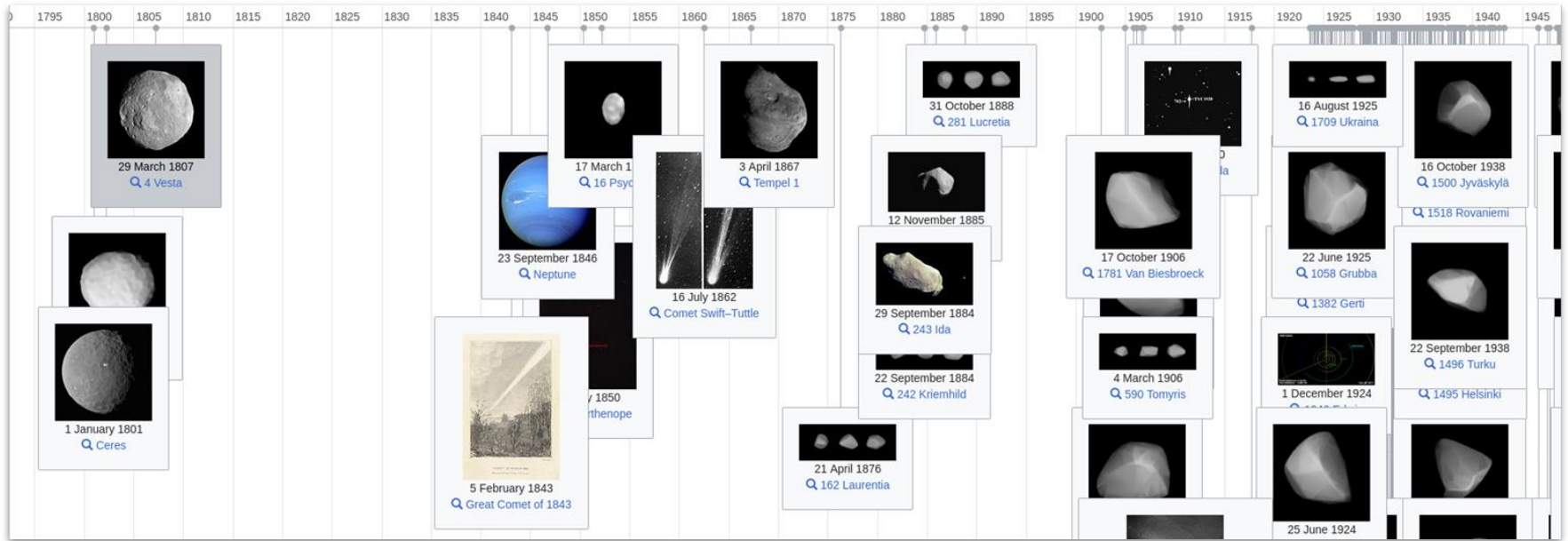
 L'Amour et Psyché



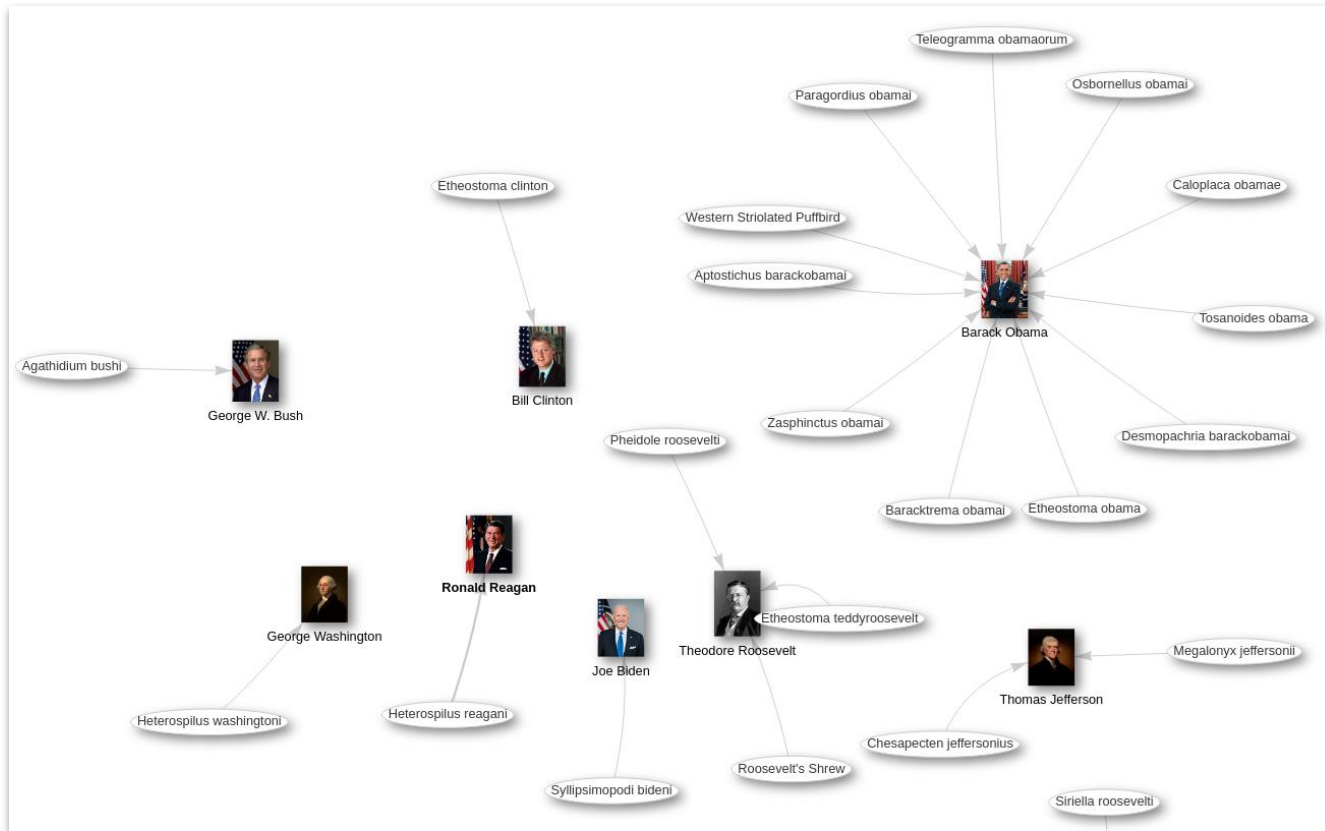
 commons:Rodin - Le Baiser 06.jpg

 The Kiss

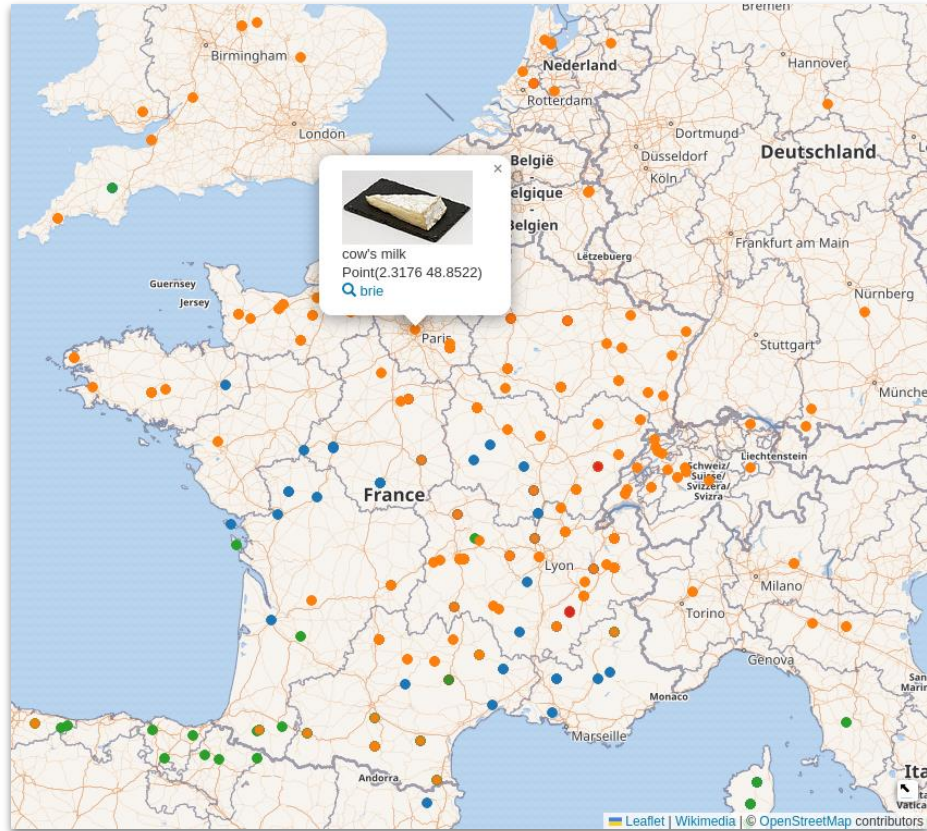
Works of art depicting kisses - [w.wiki/5iVG](https://www.wiki/5iVG)



Space discoveries - [w.wiki/5iVT](https://www.wiki/5iVT)



Taxons named after American Presidents - w.wiki/5iVC



Cheese by milk used - w.wiki/5iVc

DISCOVER A NEW WAY TO VISUALISE HISTORY

Start Exploring Timelines

Search for over 300,000 timelines and 1.5 million events



FEATURED TIMELINES < > More featured timelines

Famous Artists



Scholia is a service that creates visual scholarly profiles for [topics](#), [people](#), [organizations](#), [species](#), [chemicals](#), etc using bibliographic and other information in Wikidata. [More info...](#)

Scholia relies on Wikidata, and Wikidata contains only a limited albeit growing subset of the corpus of scholarly literature, its authors and citations. [Read more about the limitations in the FAQ](#) or check the [statistics](#).

Search

Search for a scientist, topic, publication, organization, award, event, etc.

Search

Examples

Profiles

Denny Vrandečić

View the researcher profile for the Semantic Web researcher Denny Vrandečić. It shows his papers, co-authors, etc.

Technical University of Denmark

View the profile for an organization: People associated with the organization, their publications, the co-author patterns, etc.

NeuroImage

View information about a venue, e.g., a scientific journal or scientific conference. Here, the *NeuroImage* journal, its recently published papers, authors, topics, citation pattern, etc.

Public Library of Science

View information about a publisher, here *Public Library of Science*, with, e.g., the journals it publishes.

Combinations

Scholia can show multiple items together.

Technical University of Denmark and University College London

Compare two or more organizations. Here a comparison between two universities with collaborating researchers, number of publications and citations.

Tim Berners-Lee, James Hendler and Ruben Verborgh

Compare three Semantic Web researchers.

University of Costa Rica and snakebites

Explore what people affiliated with this institution have published on the topic.

University of Melbourne and ggplot2

Explore what people affiliated with this institution have published using

Redirects

If you know the external identifier of a concept, then Scholia can make a lookup based on it:

twitter/utafriith

Look up by Twitter username @utafriith. This will identify the London-based researcher Uta Frith and redirect to her Scholia page.

twitter/mitpress

Redirect also works for organizations, here MIT Press

orcid/0000-0002-5494-8126

Lookup 0000-0002-5494-8126 that is identifying Carol Greider.

github/vedina

Redirect via GitHub username, here @vedina to Nina Jeliazkova.

doi/10.1186/S13321-016-0161-3

Redirect via a DOI.

Get your voice heard!

The easiest way to contact your
government.

Start the conversation now!

[Explore by country](#)

[Explore by topic](#)

Govdirectory is a crowdsourced and fact checked directory of
official governmental online accounts and services.

Govdirectory - govdirectory.org

Easy mode: Query Builder

Wikidata Query Builder

- Graphical tool to build a SPARQL query for Wikidata
- Disclaimer: Very powerful but doesn't support the full capabilities you have with writing SPARQL directly
- query.wikidata.org/querybuilder

WIKIDATA QUERY BUILDER

About this tool

The Wikidata Query Builder provides a visual interface for building a simple Wikidata query. It is ideal for users with little or no experience in [SPARQL](#), the powerful query language. The Query Builder doesn't offer SPARQL's full functionality, but you can always open your query in the Query Service, where you can view, edit or expand it via the link above the results. [Feedback is welcome here.](#)

Query

Find all items...

With **Without** Property matching Value References

Add condition

Settings

Limit the number of results to

Show IDs instead of labels (may prevent timeout)

Run query Get a shareable link

[Show query in the Query Service](#)

Results

Results will be displayed here

About the Query Builder

Licensed under [BSD 3-Clause License](#)

Last build at Tue, 28 Feb 2023 13:34:15 GMT

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[Curious Facts](#)

[Constraint Violation Checker](#)


Wikidata Query Builder

Let's put together a query for **female film directors**, who **received a Golden Bear** and **don't have an image** on their Wikidata Item.

Query

Find all items...

With Without


Property ⓘ instance of **matching** ▼ 

Value ⓘ human References ⓘ **with and without references** ▼

Include related values in the search (recommended) ⓘ

and or

With Without

Property ⓘ sex or gender **matching** ▼ 

Value ⓘ female References ⓘ **with and without references** ▼

Include related values in the search (recommended) ⓘ

Wikidata Query Builder

Let's put together a query for **female film directors**, who **received a Golden Bear** and **don't have an image** on their Wikidata Item.



Query

Find all items...

With Without

Property ⓘ instance of **matching**

Value ⓘ human References ⓘ **with and without references**

Include related values in the search (recommended) ⓘ

and or

With Without

Property ⓘ sex or gender **matching**

Value ⓘ female References ⓘ **with and without references**

Include related values in the search (recommended) ⓘ

and or

With Without

Property ⓘ occupation **matching**

Value ⓘ film director References ⓘ **with and without references**

Include related values in the search (recommended) ⓘ

Wikidata Query Builder

Let's put together a query for **female film directors**, who **received a Golden Bear** and **don't have an image** on their Wikidata Item.



and or

With Without

Property ⓘ

occupation

matching

Value ⓘ

film director

References ⓘ

with and without references

Include related values in the search (recommended) ⓘ

and or

With Without

Property ⓘ

award received

matching

Value ⓘ

Golden Bear

References ⓘ

with and without references

Include related values in the search (recommended) ⓘ

Wikidata Query Builder

Let's put together a query for **female film directors**, who **received a Golden Bear** and **don't have an image** on their Wikidata Item.



With Without

Property [ⓘ]
occupation

Value [ⓘ]
film director

References [ⓘ]
with and without references

Include related values in the search (recommended) [ⓘ]

matching

and or

With Without

Property [ⓘ]
award received

Value [ⓘ]
Golden Bear

References [ⓘ]
with and without references

Include related values in the search (recommended) [ⓘ]

matching

and or

With Without

Property [ⓘ]
image

Value [ⓘ]
Enter a value

References [ⓘ]
with and without references

regardless of value

⚠ Properties with limited support cannot be filtered by value

Wikidata Query Builder

Let's put together a query for **female film directors**, who **received a Golden Bear** and **don't have an image** on their Wikidata Item.

Settings



Limit the number of results to

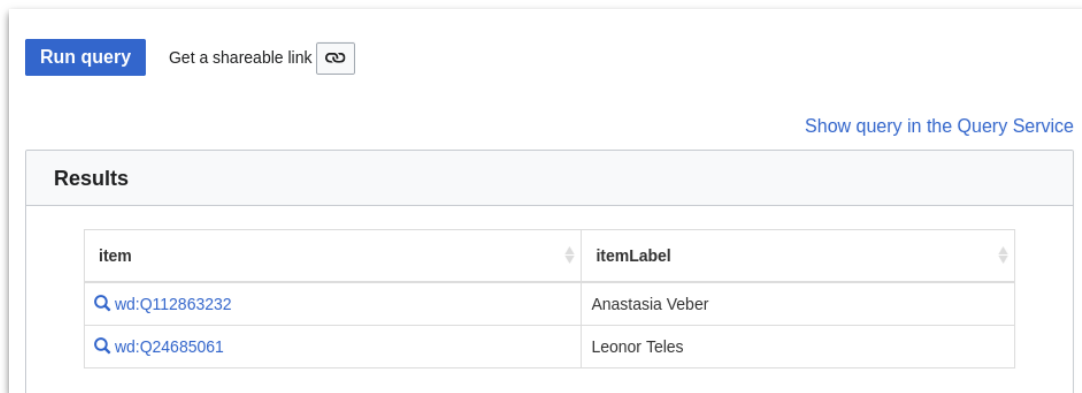


Show IDs instead of labels (may prevent timeout)

Wikidata Query Builder

Let's put together a query for **female film directors**, who **received a Golden Bear** and **don't have an image** on their Wikidata Item.

See it yourself: w.wiki/6drq



The screenshot shows the Wikidata Query Builder interface. At the top left, there is a blue button labeled "Run query". To its right, the text "Get a shareable link" is followed by a share icon. On the right side, there is a link that says "Show query in the Query Service". Below this is a section titled "Results" which contains a table with two columns: "item" and "itemLabel". The table has two rows of data.

item	itemLabel
Q112863232	Anastasia Veber
Q24685061	Leonor Teles

Hero mode: SPARQL

Female directors

— — —

```
SELECT ?director ?directorLabel WHERE {  
  ?director wdt:P31 wd:Q5.          # instance of human  
  ?director wdt:P21 wd:Q6581072.  # gender female  
  ?director wdt:P106 wd:Q2526255. # occupation film director  
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }  
}  
LIMIT 100
```

director	directorLabel
Q385013	Coky Giedroyc
Q386131	Haifaa al-Mansour
Q388033	Şahika Tekand
Q390675	Şükriye Dönmez
Q390873	Rosemary Rodriguez
Q395122	Agnès Merlet
Q405020	Aileen Getty
Q420041	Lynn Shelton
Q423629	Jackée Harry
Q427461	Marziah Vafamehr
Q429715	Brenda Chapman
Q429777	Melissa Joan Hart
Q430900	Tristan Taormino
Q431284	Kim Chambers
Q431435	Pernille Fischer Christensen
Q431529	Suze Randall
Q432019	Nicole Stéphane
	Samira Makhmalbaf

More female directors

— — —

```
SELECT DISTINCT ?director ?directorLabel WHERE {  
  ?director wdt:P31 wd:Q5.  
  ?director wdt:P21 wd:Q6581072.  
  # include subclasses of film director  
  ?director wdt:P106/wdt:P279* wd:Q2526255.  
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }  
}  
LIMIT 100
```


... who received a Golden Bear

— — —

```
SELECT DISTINCT ?director ?directorLabel WHERE {  
  ?director wdt:P31 wd:Q5;  
            wdt:P21 wd:Q6581072;  
            wdt:P106/wdt:P279* wd:Q2526255;  
            wdt:P166 wd:Q154590. # award received Golden Bear  
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }  
}
```

... and don't have an image yet

— — —

```
SELECT DISTINCT ?director ?directorLabel WHERE {  
  ?director wdt:P31 wd:Q5;  
            wdt:P21 wd:Q6581072;  
            wdt:P106/wdt:P279* wd:Q2526255;  
            wdt:P166 wd:Q154590.  
  
  MINUS { ?director wdt:P18 ?image. }  
  
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }  
}
```

Female directors whose spouse is also a director

— — —

```
SELECT DISTINCT ?director ?directorLabel ?spouseLabel WHERE {  
  ?director wdt:P31 wd:Q5;  
            wdt:P21 wd:Q6581072;  
            wdt:P106/wdt:P279* wd:Q2526255;  
            wdt:P26 ?spouse.  
  ?spouse wdt:P31 wd:Q5;  
          wdt:P106/wdt:P279* wd:Q2526255.  
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }  
}
```

Most well-known such directors with partners ([w.wiki/6ep8](https://www.wikidata.org/wiki/6ep8))

— — —

```
SELECT DISTINCT ?director ?directorLabel ?partnerLabel WHERE {  
  ?director wdt:P31 wd:Q5;  
            wdt:P21 wd:Q6581072;  
            wdt:P106/wdt:P279* wd:Q2526255;  
            wdt:P26|wdt:P451 ?partner;  
            wikibase:sitelinks ?sitelinks.  
  ?partner wdt:P106/wdt:P279* wd:Q2526255.  
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }  
}  
ORDER BY DESC(?sitelinks)
```



director	directorLabel	partnerLabel
Q1744	Madonna	Dan Gilroy
Q1744	Madonna	Warren Beatty
Q1744	Madonna	Guy Ritchie
Q1744	Madonna	Sean Penn
Q36153	Beyoncé	Jay-Z
Q13909	Angelina Jolie	Brad Pitt
Q13909	Angelina Jolie	Billy Bob Thornton
Q40715	Jennifer Lopez	Ben Affleck
Q32522	Jennifer Aniston	Justin Theroux
Q32522	Jennifer Aniston	Brad Pitt
Q80966	Cate Blanchett	Andrew Upton
Q41351	Jodie Foster	Alexandra Hedison
Q4636	Barbra Streisand	Richard Baskin
Q4636	Barbra Streisand	James Brolin
Q43044	Demi Moore	Timothy Hutton
Q43044	Demi Moore	Emilio Estevez

Let's put your new skills to use for your wiki editing work!

Listeria

- Puts query result into wiki page (mainly used in project namespace) and updates it regularly
- Great for monitoring changes to a dataset you care about or making missing content more visible
- [Wikidata>Listeria](#)





Wikidata:Lists/List of canonical Sherlock Holmes works

< Wikidata:Lists

This list is periodically updated by a bot. Manual changes to the list will be removed on the next update!

WDOQ: | PetScan: | Tabernacle: | Find images: Recent changes: | Query: [SELECT](#) 71item [WHERE](#) (71item [wdt:P179](#) [wd:Q2316644](#))

Manually update list

image	Work	description	instance of	part of the series	genre	original language of film or TV show	author	publication date	title	characters	narrative location
	The Adventures of Sherlock Holmes	collection of short stories by Arthur Conan Doyle	literary work short story collection	canon of Sherlock Holmes	detective literature short story		Arthur Conan Doyle	123213	en:The Adventures of Sherlock Holmes	Dr. John Watson Sherlock Holmes	
	A Study in Scarlet	first Sherlock Holmes novel by Sir Arthur Conan Doyle	written work	Sherlock Holmes novels canon of Sherlock Holmes	detective novel mystery fiction crime novel		Arthur Conan Doyle	1887	en:A Study in Scarlet	Dr. John Watson Sherlock Holmes Inspector Lestrade Stamford Inspector Gregson Enoch J. Drebbler	London
	The Sign of the Four	novel	literary work	Sherlock Holmes novels canon of Sherlock Holmes	detective novel crime novel		Arthur Conan Doyle	1890-02	en:The Sign of the Four	Dr. John Watson Sherlock Holmes Mary Morstan	
	The Adventure of the Red-Headed League	short story by Arthur Conan Doyle	literary work	The Adventures of Sherlock Holmes canon of Sherlock Holmes	crime fiction short story detective literature detective fiction		Arthur Conan Doyle	1891	en:The Red-Headed League	Sherlock Holmes	London

Listeria

Wikidata:Lists/List of canonical Sherlock Holmes works

< Wikidata:Lists

```
{{Wikidata list
|sparql=SELECT ?item WHERE { ?item wdt:P179 wd:Q2316684 }
|sort=P577
|columns=P18,label:Work,description,P31,P179,P136,P364,P50,P577,P1476,P674,P840
|thumb=131
|autolist=fallback
}}
```

Revision history of "Wikidata:Lists/List of canonical Sherlock Holmes works"

[View logs for this page](#) ([view abuse log](#))

Filter revisions

Diff selection: Mark the radio buttons of the revisions to compare and hit enter or the button at the bottom.

Legend: **(cur)** = difference with latest revision, **(prev)** = difference with preceding revision, **m** = minor edit.

(latest | [earliest](#)) View (newer 100 | [older 100](#)) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#))

Compare selected revisions

Select: All, None, Invert

- [\(cur | prev\)](#) 13:50, 21 June 2021 ListeriaBot (talk | [contribs](#) | [block](#)) .. (30,263 bytes) (-62) .. *(Wikidata list updated [V2])* ([rollback more than 10 edits](#) | [undo](#))
- [\(cur | prev\)](#) 02:05, 7 June 2021 ListeriaBot (talk | [contribs](#) | [block](#)) .. (30,325 bytes) (+23) .. *(Wikidata list updated [V2])* ([undo](#))
- [\(cur | prev\)](#) 14:42, 18 March 2021 ListeriaBot (talk | [contribs](#) | [block](#)) .. (30,302 bytes) (+15) .. *(Wikidata list updated [V2])* ([undo](#))
- [\(cur | prev\)](#) 07:43, 30 January 2021 ListeriaBot (talk | [contribs](#) | [block](#)) .. (30,287 bytes) (-5) .. *(Wikidata list updated [V2])* ([undo](#))
- [\(cur | prev\)](#) 02:39, 10 December 2020 ListeriaBot (talk | [contribs](#) | [block](#)) .. (30,292 bytes) (0) .. *(Wikidata list updated [V2])* ([undo](#))
- [\(cur | prev\)](#) 19:00, 20 November 2020 ListeriaBot (talk | [contribs](#) | [block](#)) .. (30,292 bytes) (-1,556) .. *(Wikidata list updated [V2])* ([undo](#))
- [\(cur | prev\)](#) 19:37, 19 August 2020 ListeriaBot (talk | [contribs](#) | [block](#)) **m** .. (31,848 bytes) (-6) .. *(Wikidata list updated)* ([undo](#))
- [\(cur | prev\)](#) 14:53, 17 July 2020 ListeriaBot (talk | [contribs](#) | [block](#)) **m** .. (31,854 bytes) (+5) .. *(Wikidata list updated)* ([undo](#))
- [\(cur | prev\)](#) 18:45, 9 July 2020 ListeriaBot (talk | [contribs](#) | [block](#)) **m** .. (31,849 bytes) (-5) .. *(Wikidata list updated)* ([undo](#))

Integraality

- Provides dashboards for subsets of Wikidata's Items
- Helps to identify which statements are missing on Items
- integraality.toolforge.org

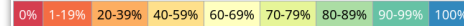
Wikidata:WikiProject sum of all paintings/Property statistics

Project page [Discussion](#) [Read](#) [Edit](#) [Edit source](#) [View history](#) [☆](#) [Page](#) [Tools](#)

< Wikidata:WikiProject sum of all paintings

This is an overview of the collection **property statistics** of the [WikiProject sum of all paintings](#). The columns represent the most commonly used properties for all paintings. At the bottom of the report you'll find an explanation of the different properties and links to other reports.

Explanation of colour scheme:



Top Collections (Minimum 50 paintings)				Top Properties (used at least 10 times per collection)									
Country	Name	Count	creator	location	inception	height & width	material used	image	genre	depicts	main subject	title	copyright status
	The Palace Museum (Q2047427)	46740	50.66% (23679)	100.0% (46739)	0.36% (166)	3.21% (1501)	3.0% (1403)	16.84% (7871)	17.31% (8092)	0.61% (285)	0.0% (0)	0.0% (0)	0.03% (13)
	Bavarian State Painting Collections (Q812285)	18040	90.47% (16321)	99.94% (18029)	83.41% (15047)	98.52% (17773)	32.59% (5880)	52.57% (9483)	34.09% (6149)	9.89% (1785)	7.92% (1429)	99.67% (17980)	54.67% (9863)
	Nationalmuseum (Q842858)	16843	94.15% (15857)	99.96% (16837)	41.07% (6917)	76.38% (12864)	49.36% (8313)	41.78% (7037)	36.33% (6119)	38.88% (6549)	8.73% (1470)	99.79% (16808)	30.3% (5103)
	Munich Central Collecting Point (Q1053735)	15269	46.17% (7049)	99.93% (15259)	24.44% (3731)	61.9% (9451)	68.99% (10534)	22.89% (3495)	19.82% (3026)	5.14% (785)	4.25% (649)	99.99% (15267)	5.72% (874)
	Cultural Heritage Agency of the Netherlands Art Collection (Q18600731)	14457	70.73% (10225)	91.57% (13238)	94.73% (13695)	66.33% (9589)	77.51% (11205)	26.96% (3898)	42.23% (6105)	10.84% (1567)	5.56% (804)	96.46% (13945)	27.89% (4032)
	National Trust (Q333515)	12671	97.05% (12297)	84.18% (10666)	91.18% (11553)	94.23% (11940)	89.93% (11395)	73.49% (9312)	75.83% (9608)	41.81% (5298)	18.33% (2323)	96.2% (12190)	69.98% (8867)
	National Museum in Warsaw (Q153306)	11747	88.44% (10389)	99.85% (11729)	73.66% (8653)	98.94% (11622)	87.0% (10220)	52.29% (6143)	43.85% (5151)	22.05% (2590)	6.81% (800)	94.33% (11081)	19.78% (2323)
	Metropolitan Museum of Art (Q160236)	11463	95.62% (10961)	98.46% (11286)	97.25% (11148)	69.77% (7998)	40.56% (4649)	73.14% (8384)	50.0% (5732)	91.28% (10463)	13.69% (1569)	95.34% (10929)	64.17% (7356)
	Department of Paintings of the Louvre (Q3044768)	10082	94.54% (9532)	96.58% (9737)	99.2% (10001)	97.7% (9850)	70.93% (7151)	40.2% (4053)	45.54% (4591)	57.4% (5787)	16.99% (1713)	99.05% (9986)	57.04% (5751)
	Finnish National Gallery (Q2983474)	10076	99.86% (10062)	100.0% (10076)	73.73% (7429)	92.83% (9354)	32.39% (3264)	24.26% (2444)	15.49% (1561)	6.82% (687)	6.08% (613)	99.94% (10070)	34.28% (3454)
	Smithsonian American Art Museum (Q1192305)	8535	99.93% (8529)	99.95% (8531)	92.49% (7894)	88.72% (7572)	42.44% (3622)	48.49% (4139)	13.88% (1185)	36.8% (3141)	7.07% (603)	99.85% (8522)	41.76% (3564)

Item Quality Evaluator

- Provides quality assessments for a subset of Items
- Makes it easier to focus on improving low-quality Items or highlight high-quality Items
- Can take a list of Item IDs or SPARQL query
- item-quality-evaluator.toolforge.org

Item Quality Evaluator

-- Refine Item selection

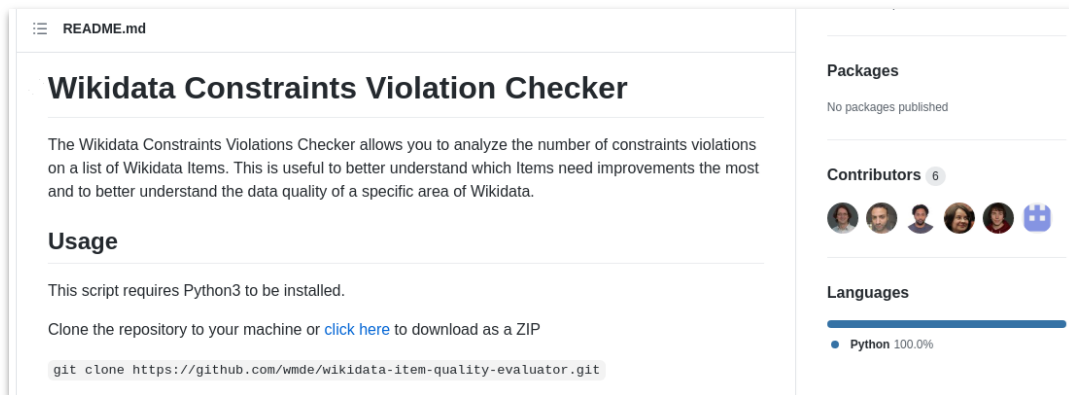
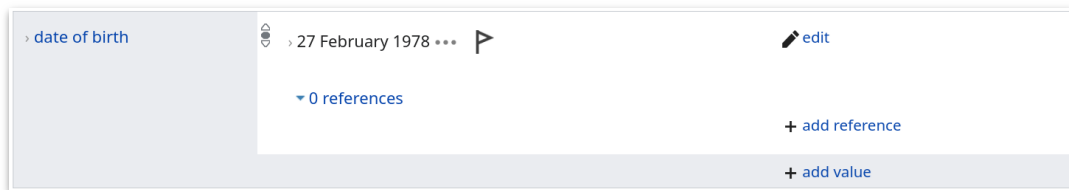
Average quality score based on the 100 Items selected:
4.66 Scores can go from 1 (worst quality) to 5 (best quality)

Scores for 100 Items Download as CSV

Yumi Yoshiyuki (Q210840)	3.06
Beate Eriksen (Q235861)	3.19
Belladonna (Q231665)	3.46
AnnaLynne McCord (Q235797)	3.75
Edith Bruck (Q203533)	3.92
Ziska Riemann (Q206046)	3.94
Amanda Bearse (Q235287)	3.99
Věra Chytilová (Q235032)	4.04
Adriana Barraza (Q235233)	4.05
Label	Score
Renee O'Connor (Q235891)	4.06
Diablo Cody (Q230795)	4.07
Pernilla August (Q237255)	4.09
Christine Lahti (Q232941)	4.10
Mai Zetterling (Q236656)	4.11
Alla Nazimova (Q234795)	4.13

Constraint Violations Checker

- Command-line tool to get data about constraint violations and quality scores for a list of Item IDs
- You can get the list of Item IDs from a SPARQL query result
- github.com/wmde/wikidata-a-constraints-violation-checker



What to do if you're lost or stuck?

Find lovely people who are
ready to help you at
[Wikidata:Request_a_query](https://www.wikidata.org/wiki/Wikidata:Request_a_query)

Thank you

See you on Wikidata!

Lucas:

lucas.werkmeister@wikimedia.de

[WD:Q57387675](#)

Lydia:

lydia.pintscher@wikimedia.de

[WD:Q18016466](#)
