Multilingual Structured (Climate) Research Data in Wikidata

The **Data** Perspective

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https://www.wikidata.org/wiki/Q16422?uselang=en



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Tools

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Concept URI

Reasonator Ancestors

Ancestors

Automatic addition

Browse Primary Sources Hurricane Katrina (Q16422)...

▼ In more languages

Atlantic hurricane in 2005

Configure

Item Discussion

Label Description Also known as Language Hurricane Katrina English Atlantic hurricane in 2005 ouragan de la saison cyclonique 2005 de l'océan French ouragan Katrina Atlantique Nord huracán Categoría 5 Spanish Huracán Katrina Huracan Katrina **Traditional Chinese** 颶風卡特里娜 No description defined

Labels list View history ☆ ← →

Search V

edit

Page ✓ More ✓

All entered languages

Statements





https://www.wikidata.org/wiki/Q16422?uselang=zh

阅读 标签列表 查看历史 ☆ ⇔ Page ➤ 更多 ➤ 项目 讨论

颶風卡特里娜 (Q16422) ···

标签

Hurrikan Katrina

ouragan Katrina

2005年出現的一個五級颶風

♪ 编辑

搜索Wik

▼ 更多语言

配置

创建新词位 最近更改 随机项目

首页

社区门户

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创建新项

查询服务 附近

Random Primary Sources item

帮助 资助

工具

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页面信息

引用本页 概念URI Reasonator

Ancestors 自动添加内容

VIP's labels

Browse Primary Sources

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语言

中文 颶風卡特里娜

英语 Hurricane Katrina

德语

法语

所有输入的语言

声明

性質

所属实体

断定方法

category 5 hurricane 英语 •••

萨菲尔-辛普森飓风风力等级 •••

+ 添加值

+ 添加参考文献

♪ 编辑

别名

Hurricane Katrina

▶ 编辑

Atlantique Nord

描述

Folgen, 2005

2005年出現的一個五級颶風

Tropischer Wirbelsturm mit verheerenden

ouragan de la saison cyclonique 2005 de l'océan

Atlantic hurricane in 2005

▼0个来源

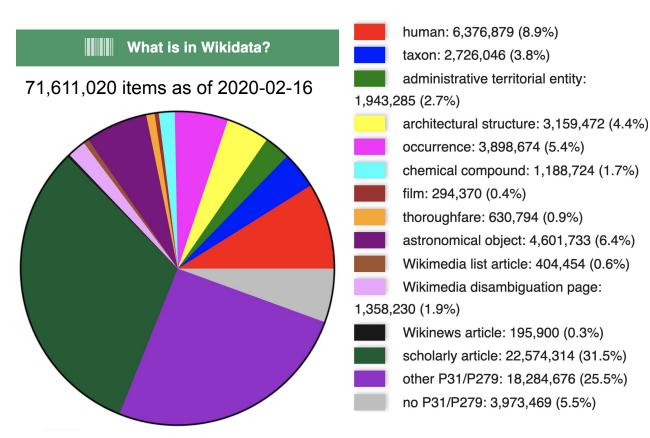
2005年大西洋颶風季 •••

Default data formats

http://www.wikidata.org/entity/Q1.json

.php .n3 universe (Q1)... .ttl totality consisting of space, time, matter and energy Our Universe | The Universe | The Cosmos | cosmos | Heaven and earth | Yin and Yang | space | world | creation | system | metagalaxy | existence | all | macrocosm | outer space | Un .nt ▼ In more languages Configure rdf Label Description Language English universe totality consisting of space, time, matter and .html energy .json-ld

Data content



7,841 properties as of 2020-08-20

Property	Quantity of item pages	
cites work (P2860)	174377685	
series ordinal (P1545)	151037942	
author name string (P2093)	132282330	
instance of (P31)	93773388	
stated in (P248)	67709756	
retrieved (P813)	66095593	
PubMed ID (P698)	59230552	
reference URL (P854)	47319398	
publication date (P577)	40828990	
title (P1476)	40260850	
published in (P1433)	35909547	
page(s) (P304)	34571714	
volume (P478)	34052572	
apparent magnitude (P1215)	33123972	
astronomical filter (P1227)	33123919	
issue (P433)	30999754	
catalog code (P528)	28698782	
DOI (P356)	25855935	
catalog (P972)	23771397	
author (P50)	18814323	
language of work or name (P407)	15201689	
country (P17)	12999974	

Supported data types

- Commons media
- Globe coordinate
- Item
- Property
- String
- Monolingual text
- External identifier
- Quantity
- Time
- URL

- Mathematical expression
- Geographic shape
- Musical Notation
- Tabular data
- Lexemes
- Forms
- Senses

https://www.wikidata.org/wiki/Help:Data_type

Data types over time



Most recent page creations

seconds

to

minutes

minutes

to

hours

The ten most recently created items [edit]

- 00:03, 21 August 2020 Category: Religious performing arts (Q98534767) (hist) [9,049 bytes] (Created a new Item: Bot: New item from enwiki/arwiki.)
- 00:03, 21 August 2020 Category:Religious fiction (Q98534766) (hist) [8,995 bytes] Mr.Ibraher a new Item: Bot: New item from enwiki/arwiki.)
- 00:03, 21 August 2020 Category: Religious plays (Q98534765) (hist) [8.991 bytes] Mr. Ibrahem a new Item: Bot: New item from enwiki/arwiki.)
- 00:02, 21 August 2020 Category: Events in Iran by subject (Q98534764) (hist) [3,023 bytes] Company (Created a new Item: Category:Events in Iran by subject, Wikimedia category)
- 00:01, 21 August 2020 Christian Meyer (Q98534763) (hist) [2,886 bytes] PKM (talk I contribs) (Created a new Item: New item based on Christian Meyer (#1017387)) (Tag: Mix'n'match [1.0])
- 00:01, 21 August 2020 Biography of an American Bondman (Q98534762) (hist) [2,467 bytes] Dsp13 (talk I contribs) (Created a new Item: New item based on Biography of an American Bondman (#83213643)) (Tag: Mix'n'match [1.0])
- 00:01, 21 August 2020 Kim Jinai (Q98534761) (hist) [494 bytes] Pi bot (talk I contribs) (Created a new Item: BOT-Creating item for Kim Jinai (en): human female)
- 00:01, 21 August 2020 Marcos Leonardo Santos Almeida (Q98534760) (hist) [4,271 bytes] Pi bot (talk I contribs) (Created a new Item: BOT - Creating item for Marcos Leonardo Santos Almeida (en): human male)
- 00:00, 21 August 2020 XII tabulae: testo e commento (Q98534759) (hist) [5,439 bytes] JeffBTaylor (talk I contribs) (Created a new Item: XII tabulae : testo e commento, 2018 academic book)
- 00:00, 21 August 2020 Category:Savo Karjala building (Q98534758) (hist) [4,871 bytes] Yzarg (talk I contribs) (Created a new Item)

The ten most recently created lexemes [edit]

See also Wikidata:Lexical Masks.

- 18:36, 20 August 2020 μυρμήγκι (L309631) (hist) [698 bytes] Simplificationalizer (talk I c μυρμήγκι)
- 18:36, 20 August 2020 μυρμήκιον (L309630) (hist) [270 bytes] Simplificationalizer (talk I μυρμήκιον)
- 18:34, 20 August 2020 κηφήνας (L309629) (hist) [696 bytes] Simplificationalizer (talk I co κηφήνας)
- 18:34, 20 August 2020 κηφήν (L309628) (hist) [262 bytes] Simplificationalizer (talk I contribs) (Created a new entity: κηφήν)
- 18:30, 20 August 2020 σκουλήκι (L309627) (hist) [698 bytes] Simplificationalizer (talk I contribs) (Created a new entity: σκουλήκι)
- 18:29, 20 August 2020 σκωλήκιον (L309626) (hist) [270 bytes] Simplificationalizer (talk I contribs) (Created a new entity: σκωλήκιον)
- 18:27, 20 August 2020 সমুদ্ৰ (L309625) (hist) [1,281 bytes] Titodutta (talk I contribs) (Created a new Lexeme: bengalinoun-inanimate-consonants) (Tag: Wikidata Lexeme Forms [1.2])
- 18:26, 20 August 2020 timpuriu (L309624) (hist) [689 bytes] Simplificationalizer (talk I contribs) (Created a new entity: timpuriu)
- 18:22, 20 August 2020 මිදුළු (L309623) (hist) [700 bytes] Simplificationalizer (talk I contribs) (Created a new entity: මිදුළු)
- 18:21, 20 August 2020 भेजा (L309622) (hist) [693 bytes] Simplificationalizer (talk I contribs) (Created a new entity: भेजा)

The ten most recently created properties [edit]

- 19:23, 20 August 2020 recording location (P8546) (hist) [7,150 bytes] Pamputt (A) (talk I contr Property: recording location, location where a media item (sound/video/etc) was recorded)
- 09:56, 20 August 2020 Nasionalt skoleregister ID (P8545) (hist) [13,025 bytes] Thierry Caro (t. new Property: Nasjonalt skoleregister ID, identifier of an educational institution in the Nasjonal School Registry) from the Norwegian Directorate for Education and Training)
- 06:08, 20 August 2020 Frauen in Bewegung 1848–1938 ID (P8544) (hist) [11,584 bytes] Pami (Created a new Property: Frauen in Bewegung 1848-1938 ID. dentifier for entries in the ARI. Bewegung 1848–1938" database, published by the Austrian National Library)
- 19:23, 19 August 2020 Monumentbrowser ID (P8543) (hist) [7,751 bytes] Tobias1984 (talk I contribs) (Created a new Property: Monumentbrowser ID, ID im Verzeichnis der Baudenkmäler in der autonomen italienischen Provinz Südtirol)
- 17:20. 19 August 2020 Macedonian cadastral municipality ID (P8542) (hist) [10,480 bytes] Pamputt (A) (talk I contribs) (Created a new Property: Macedonian cadastral municipality ID, identifier of Macedonian cadastral municipalities)
- 16:54, 19 August 2020 BHF magazine ID (P8541) (hist) [9,060 bytes] Pamputt (A) (talk I contribs) (Created a new Property: BHF magazine ID, identifier for a magazine on the online Bibliographie de l'histoire de France)
- 05:59, 19 August 2020 American Folklore Society Ethnographic Thesaurus ID (P8540) (hist) [7,779 bytes] Pamputt (A) (talk I contribs) (Created a new Property: American Folklore Society Ethnographic Thesaurus ID, controlled vocabulary of terms about folklore, ethnomusicology, ethnology, and related fields)
- 21:45, 18 August 2020 ERIC Thesaurus ID (P8539) (hist) [10.528 bytes] Pamputt (A) (talk I contribs) (Created a new Property: ERIC Thesaurus ID, identifier for a term in the Education Resources Information Center (ERIC) Thesaurus)
- 18:00, 18 August 2020 raga (P8536) (hist) [9,364 bytes] Pamputt (A) (talk I contribs) (Created a new Property: raga, melodic framework for Indian music)
- 17:59, 18 August 2020 tala (P8535) (hist) [9,353 bytes] Pamputt (A) (talk I contribs) (Created a new Property: tala,

The ten most recently created pages in the Entity schema namespace [edit]

See also Special:NewEntitySchema, a list of schemas and Schema visualization ஓ.

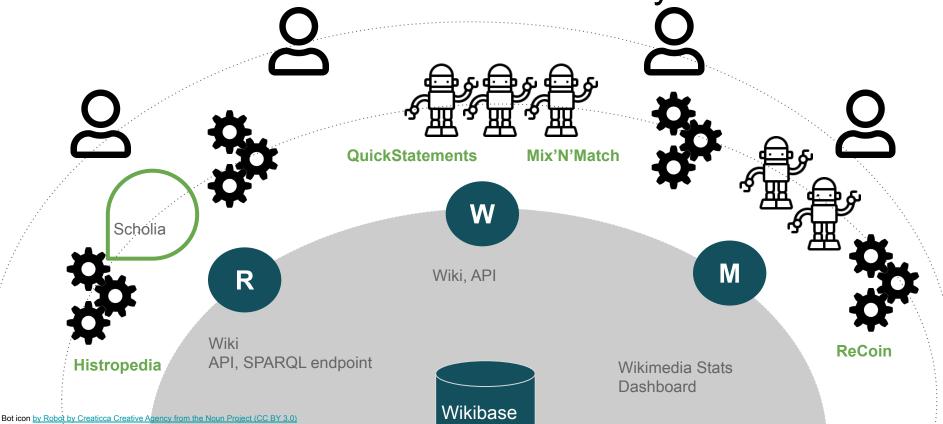
- 14:48, 19 August 2020 EntitySchema: E236 (hist I edit) [1,188 bytes] Teester (talk I contribe Member of the Oireachtas)
- 10:52, 6 August 2020 EntitySchema:E235 (hist I edit) [1,509 bytes] Teester (talk I contribs) auto racing event)
- 11:22, 1 August 2020 EntitySchema:E234 (hist I edit) [1,168 bytes] Teester (talk I contribs)
- 08:57, 25 July 2020 EntitySchema:E233 (hist I edit) [563 bytes] Egon Willighagen (talk I contribs) (Created a new Schema: protein family)
- 08:51, 25 July 2020 EntitySchema:E232 (hist I edit) [569 bytes] Egon Willighagen (talk I contribs) (Created a new Schema: lipid)
- 05:57, 23 July 2020 EntitySchema: E231 (hist I edit) [1,510 bytes] Salgo60 (talk I contribs) (Created a new Schema: Svenska Akademin - medlem)
- 05:57, 23 July 2020 EntitySchema: E230 (hist I edit) [1,574 bytes] Salgo60 (talk I contribs) (Created a new Schema: Svenska Akademin - medlem)
- 19:41, 22 July 2020 EntitySchema: E229 (hist I edit) [2,990 bytes] Belteshassar (talk I contribs) (Created a new Schema: decision from the Supreme Court of Sweden)
- 16:21, 22 July 2020 EntitySchema: E228 (hist I edit) [2,862 bytes] Piecesofuk (talk I contribs) (Created a new Schema: United Kingdom Member of Parliament)

hours to days

days

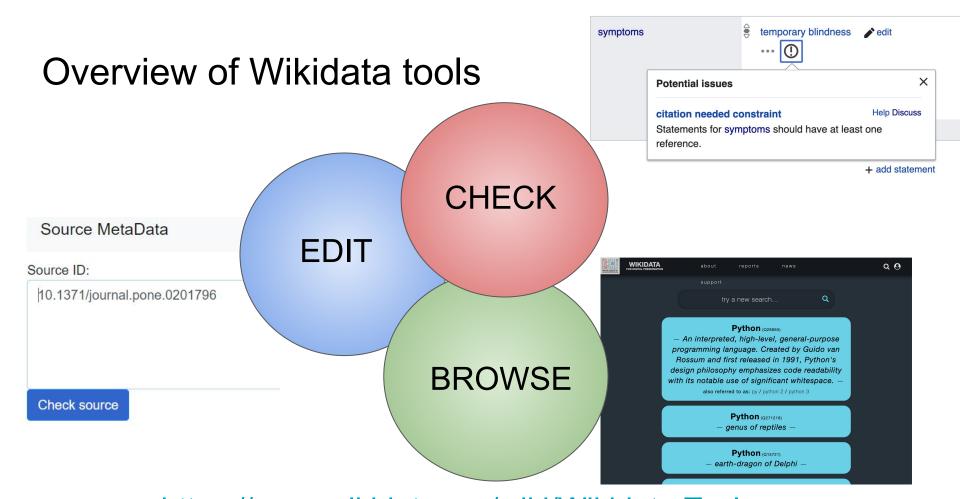
weeks

Tools in the Wikidata Ecosystem



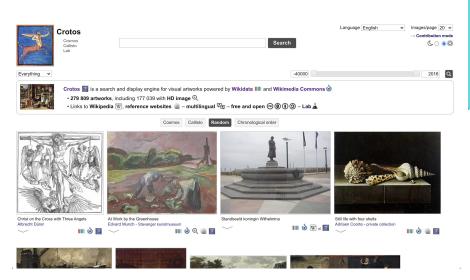
Bot icon by Robot by Creaticca Creative Agency from the Noun Project (CC BY User icon by Font Awesome (CC BY 4.0)

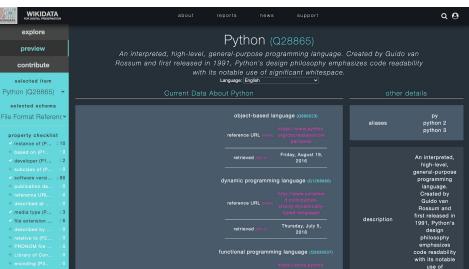
Tools icon by Verdy p(CC0)



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

Browsing Wikidata





Wikidata for Digital Preservation, focused on software

Crotos, focused on works of art

See also: <u>List of Wikidata front ends</u>

Showcase



https://scholia.toolforge.org/

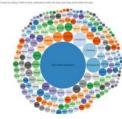
Scholarly profiles of

- People
- Institutions
- Topics
- Events
- Publication venues
- Individual works
- Publishers
- Awards
- Genes
- Proteins
- Clinical trials
- Wikidata
- Scholia
- etc.

based on

- Open data
- Open source
- Open collaboration
- Community curation
- Work in progress





https://scholia.toolforge.org/



Scholia is a service that creates visual scholarly profiles for topic, people, organizations, species, chemicals, etc using bibliographic and other information in Wikidata.

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.

Search

Workshop on data

Workshop on Data Quality Management in Wikidata - workshop in Berlin in January 2019

Workshop on Data Science in Climate and Climate Impact Research - virtual Workshop at ETH

Zurich on 20-21 August 2020

Examples

Showcase examples

- Event: Workshop on Data Science in Climate and Climate Impact Research
- Author: Markus Reichstein/ Reto Knutti / Sonia I. Seneviratne
- Topic: <u>Hurricane Katrina</u> / <u>Permafrost</u> / <u>Remote sensing</u>
- Institution: <u>US Geological Survey</u> / <u>University of Nairobi</u>
- Journals: <u>Global Change Biology</u> / <u>Biogeosciences</u>
- Works: <u>The Diplommatinidae of Fiji a hotspot of Pacific land snail biodiversity (Caenogastropoda, Cyclophoroidea)</u>
- Pathway: <u>Aryl Hydrocarbon Receptor Pathway</u>
- Curation: <u>Ngrams related to climate impacts</u>
- More via https://www.wikidata.org/wiki/Wikidata:Scholia.
- Code at https://github.com/fnielsen/scholia.

Thanks!

- Providers of open infrastructure
 - Wikidata community
 - Scholia team
- Alfred P. Sloan Foundation (<u>G-2019-11458</u>)
 - The organizers of the workshop
 - YOU



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