FindingGLAMs:

Wikidata, Librarians & Linked Open Data

Pathways To Reuse And Integrate Wikidata Data.

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Global Open Initiative Foundation
27 February 2020

Outline

Wikipedia and Wikimedia projects

Structured Data & Linked Open Data

Library Metadata, Wikidata & Wikibase

Scholia as a tool for visualizing Wikidata data

Basic SPARQL queries

Next Steps

Workshop page

https://w.wiki/JEw

our handles

instagram: goi_foundation

facebook: GOIFoundation

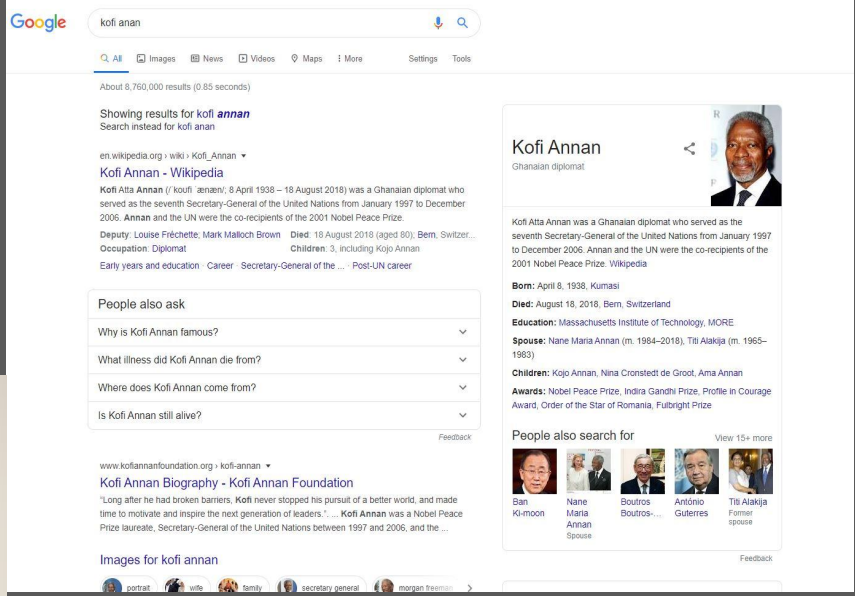
twitter: GOIFoundation

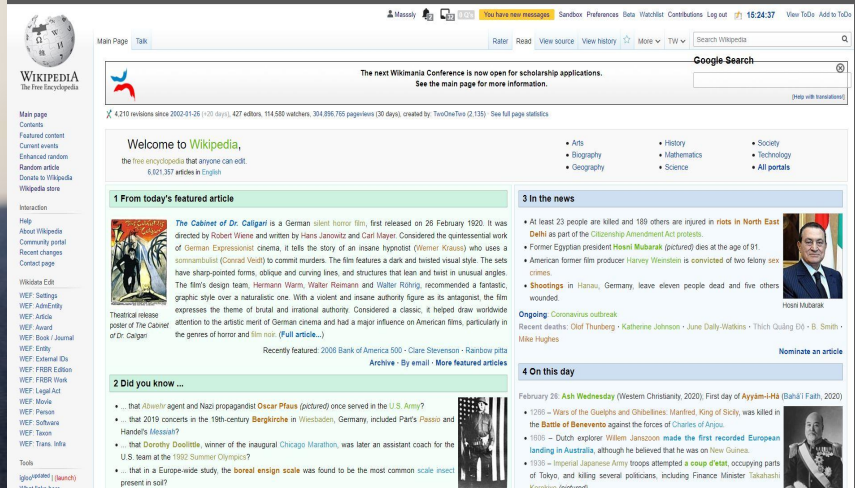
LinkedIn: global-open-initiative

WhatsApp group for this session: http://bit.ly/WDGhLib

Reference Questions

Single facts
Background
In Depth





A central storage location

Interconnected databases lets us keep facts up-to-date across multiple platforms.

(un)structuredness

Structured data makes it possible to
Share information across platforms.
Query/ interrogate/ question a resource for relevant information.

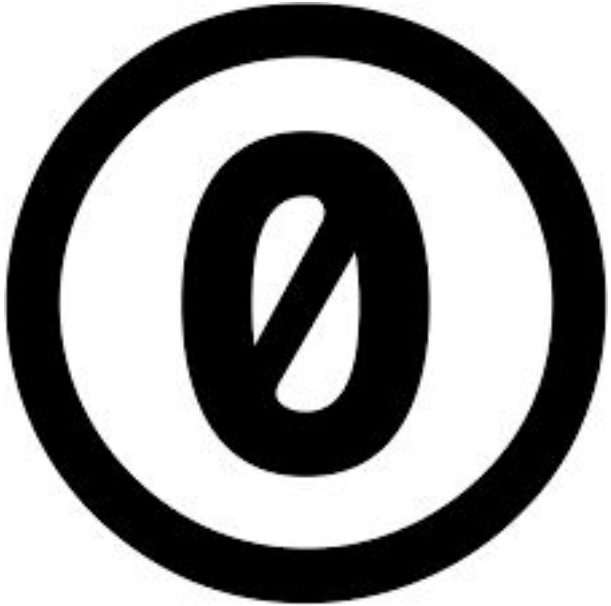
A free,

collaborative,
multilingual,
secondary database,
collecting structured data
to provide support for Wikipedia,
the other Wikimedia wikis,
and to anyone in the world.

Free

Wikidata data is public domain data

(CC0) license



Collaborative

Ability to provide input & access Wikidata is open to everyone

Multi lingual

www.wikidata.org

Read Wikipedia in your language

1 000 000+ articles

العربية
Deutsch
English
Español
Français
Italiano
Nederlands
日本語
Polski
Português
Русский
Sinugboanong Binisaya
Svenska
Tiếng Việt
Winaray
中文

100 000+ articles

Asturianu
Azərbaycanca
Български
Bân-lâm-gú / Hō-ló-oē
Беларуская (Акадэмічная)
Català
Čeština
Dansk
Eesti
Ελληνικά
Esperanto
Euskara
فارسی
Galego
Հայերեն
हिन्दी
Hrvatski
Bahasa Indonesia
עברית
ქართული
Latina
Latviešu
Lietuvių
Magyar
Македонски
مصرى
Bahasa Melayu
Bahaso Minangkabau
Norsk (bokmål · nynorsk)
Нохчийн
O'zbekcha / Ўзбекча
Қазақша / Qazaqşa / قازاقشا
Română
Cymraeg
Simple English
Slovenčina
Slovenščina
Српски / Srpski
Srpskohrvatski / Српскохрватски
Suomi
தமிழ்
ภาษาไทย
Тоҷикӣ
تۆرکجە
Türkçe
Українська
اردو
Volapük
한국어

10 000+ articles

Bahsa Acèh
Afrikaans
Alemannisch
አማርኛ
Aragonés
বাংলা
Basa Banyumasan
Башкортса
Беларуская (Тарашкевіца)
বিষ্ণুপ্রিয়া মণিপুরী
Boarisch
Bosanski
Brezhoneg
Чăвашла
Diné Bizaad
Emigliàn–Rumagnòl
Føroyskt
Frysk
Gaeilge
Gàidhlig
ગુજરાતી
Hornjoserbsce
Ido
Ilokano
Interlingua
Ирон æвзаг
Íslenska
Jawa
ಕನ್ನಡ
Kreyòl Ayisyen
Kurdî / كوردى
كوردیی ناوەندی
Кыргызча
Кырык Мары
Lëtzebuergesch
Limburgs
Lumbaart
मैथिली
Malagasy
മലയാളം
Монгол
မြန်မာဘာသာ
नेपाल भाषा
नेपाली
Nnapulitano
Nordfriisk
Occitan
Runa Simi
संस्कृतम्
Mìng-dĕ̤ng-ngṳ̄ / 閩東語
Марий
ଓଡ଼ିଆ
ਪੰਜਾਬੀ (ਗੁਰਮੁਖੀ)
پنجابی (شاہ مکھی)
پښتو
Piemontèis
Plattdüütsch
سنڌي
Ślůnski
Basa Sunda
Саха Тыла
Scots
Shqip
Sicilianu
తెలుగు
Tagalog
Татарча / Tatarça
ತುಳು
Vèneto
Walon
吳語
Kiswahili
Yorùbá
粵語
Zazaki
Žemaitėška
ייִדיש

1 000+ articles

Адыгэбзэ
Ænglisc
Аҧсуа
Արեւմտահայերէն
भोजपुरी
Armăneashce
Arpitan
asụsụ bekee
maọbụ asụsụ oyibo
ᨅᨔᨗᨈᨚ
Avañe'ẽ
Авар
Aymar
Bahasa Banjar
Bikol Central
Bislama
ཇོང་ཁ
Буряад
Chavacano de Zamboanga
Corsu
Vahcuengh / 話僮
Davvisámegiella
Deitsch
Dolnoserbski
Эрзянь
Estremeñu
Fiji Hindi
Furlan
Gaelg
Gagauz
Gĩkũyũ
گیلکی
贛語
Hak-kâ-ngî / 客家語
Хальмг
Hausa / هَوُسَا
ʻŌlelo Hawaiʻi
Interlingue
Kalaallisut
Kapampangan
Kaszëbsczi
Kernewek
Лакку
Лезги
Lingála
Iojban
Kinyarwanda
Коми
Kongo
कोंकणी / Konknni
Kriyòl Gwiyannen
ꯃꯩꯇꯩꯂꯣꯟ
Dzhudezmo / לאדינו
Лакку
Лезги
Lingála
Iojban
لۆری شومالی
Luganda
Lìgure
Malti
Reo Māʻohi
Māori
Mirandés
Мокшень
Nāhuatlahtōlli
Dorerin Naoero
Nedersaksisch
Nouormand / Normaund
Novial
অসমীয়া
पालि
Pangasinán
Papiamentu
Перем Коми
Pfälzisch
Picard
Къарачай–Малкъар
Qaraqalpaqsha
Qırımtatarca
Ripoarisch
Rumantsch
Русиньскый Язык
Sardu
Seeltersk
Sesotho sa Leboa
ChiShona
Soomaaliga
Sranantongo
Taqbaylit
Tarandíne
Tetun
Tok Pisin
faka Tonga
Türkmençe
Тыва дыл
Удмурт
ئۇيغۇرچە
Vepsän
Võro
West-Vlams
Wolof
isiXhosa
Zeêuws
isiZulu
ېۋرۇرىشسۇ

100+ articles

Akan
Bamanankan
Chamoru
Chichewa
Eʋegbe
Fulfulde
ГПТISR
ᐃᓄᒃᑎᑐᑦ / Inuktitut
Iñupiak
كشميري
Latgaļu
Na Vosa Vaka-Viti
Nēhiyawēwin / ᓀᐦᐃᔨᐧᐃᐣ
Norfuk / Pitkern
Afaan Oromoo
Поντιακά
ꠍꠤꠟ
Romani
Kirundi
Gagana Sāmoa
Sängö
Sesotho
Setswana
Словѣ́ньскъ / ⰔⰋⰑⰟⰅⰏⰟ
SiSwati
ᏣᎳᎩ
Tsèhesenèstsestotse
Tshivenḓa
Xitsonga
chiTumbuka
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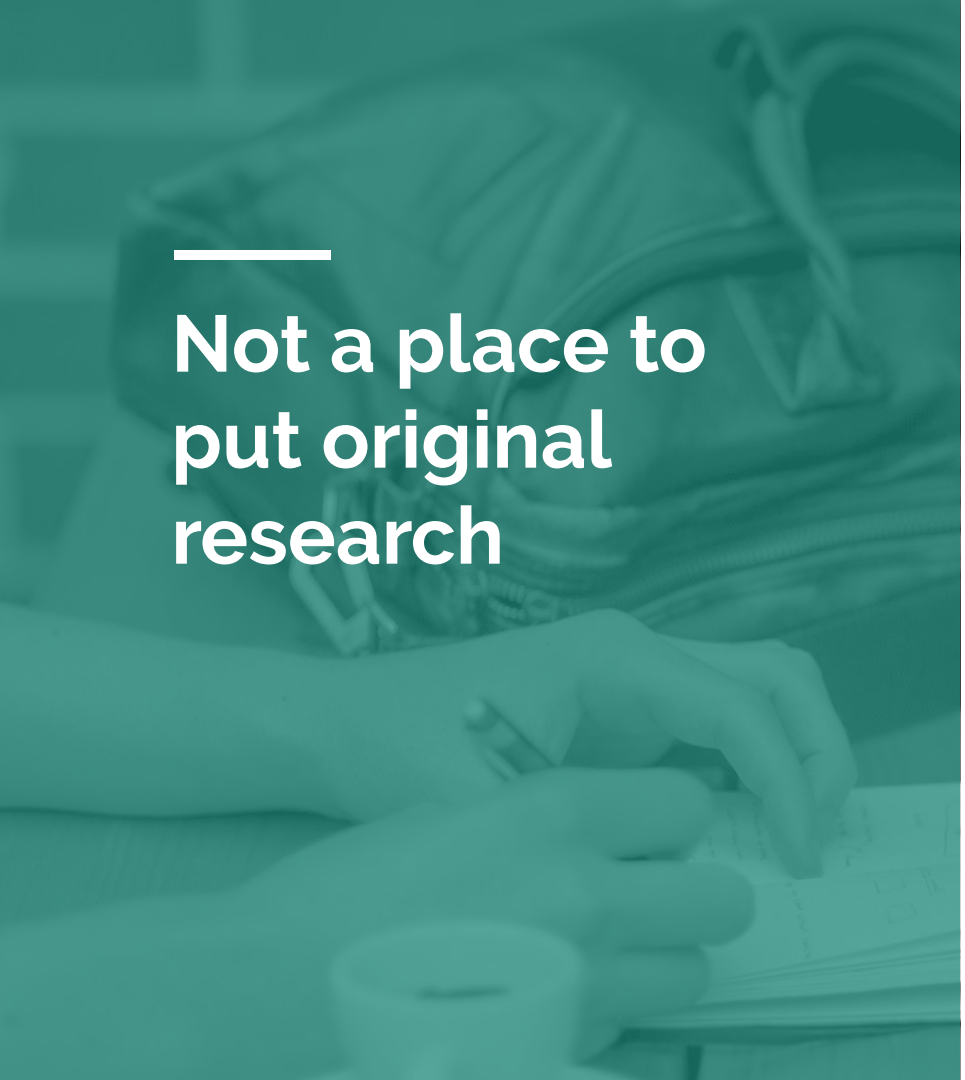


Not a place to put original research

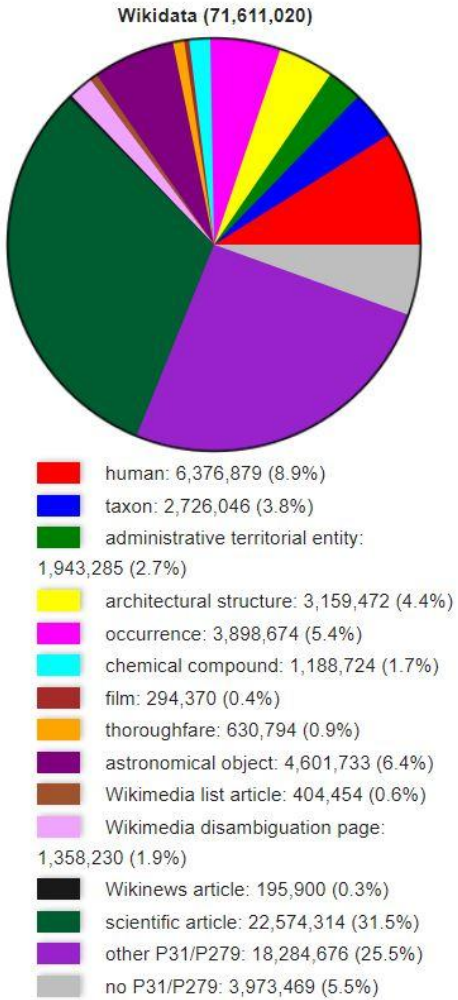
- secondary database, that
- collects structured data

Wikidata has overgrown its original purpose

Provides support for

- Wikipedia
- other Wikis, and
- a whole lot more

What is in Wikidata?



Wikidata is

BIG

63M items

20K active editors

300 languages

>1B edits

wikidata.org/wiki/Q58539121

English Not logged in Talk Contributions Create account Log in

WIKIDATA

Item Discussion Read View history Search Wikidata

Barriers to Successful University Library Automation in Ghana with Particular Reference to the Balme Library (Q58539121)

Main page
Community portal
Project chat
Create a new Item
Create a new Lexeme
Recent changes
Random Item
Query Service
Nearby
Help
Donate

Tools
What links here
Related changes
Special pages
Permanent link
Page information
Concept URI
Cite this page

No description defined edit

In more languages
Configure

Language	Label	Description	Also known as
English	Barriers to Successful University Library Automation in Ghana with Particular Reference to the Balme Library	No description defined	
Akan	No label defined	No description defined	
Ewe	No label defined	No description defined	

All entered languages

Statements

instance of — scientific article edit
0 references
+ add reference
+ add value

title — Barriers to Successful University Library Automation in Ghana with Particular Reference to the Balme Library (English) edit
0 references
+ add reference
+ add value

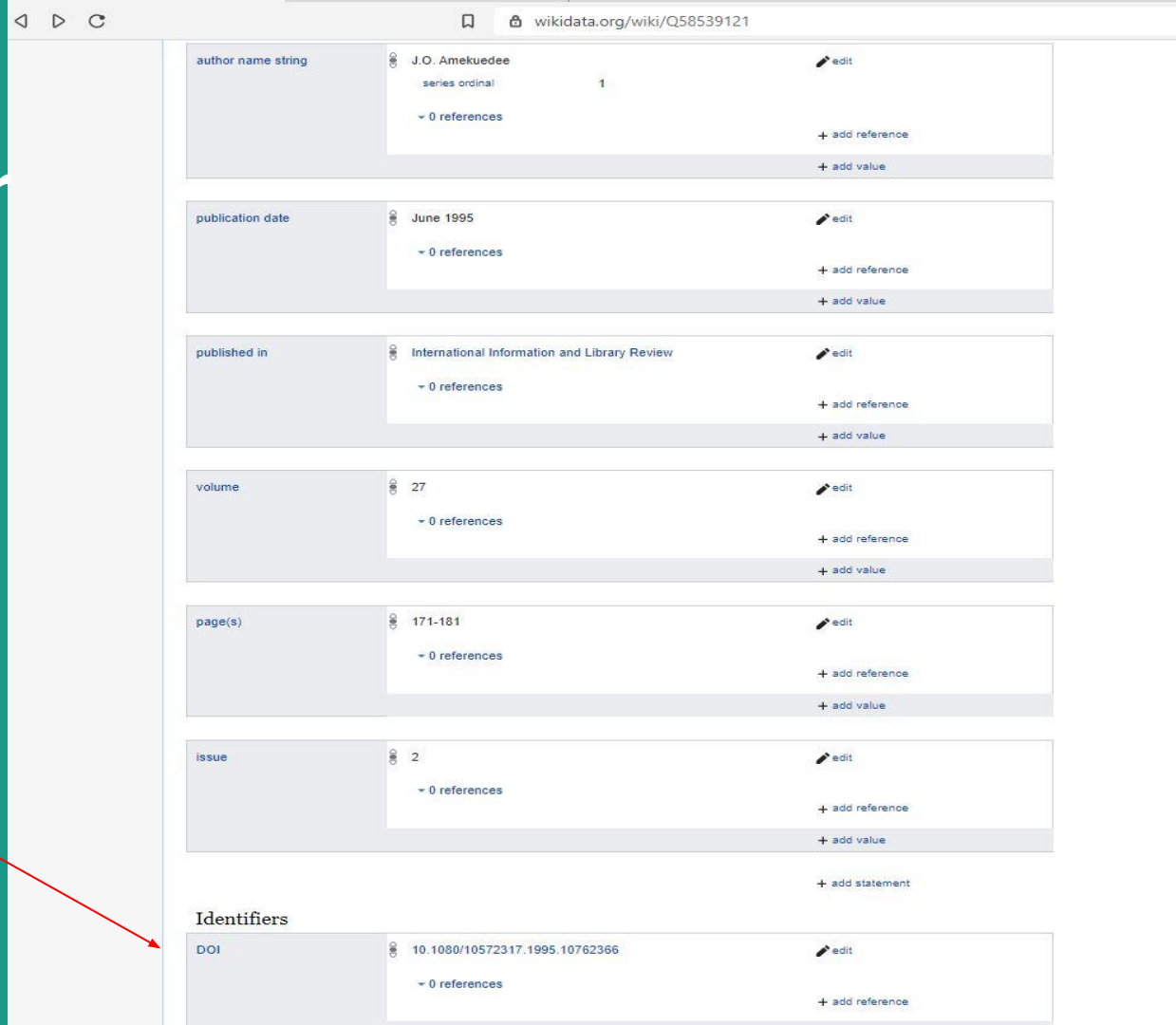
main subject — automation edit
0 references
+ add reference

Wikipedia (0 entries) edit
Wikibooks (0 entries) edit
Wikinews (0 entries) edit
Wikiquote (0 entries) edit
Wikisource (0 entries) edit
Wikiversity (0 entries) edit
Wikivoyage (0 entries) edit
Wiktionary (0 entries) edit
Other sites (0 entries) edit

has DOI identifier

10.1080/1057231
7.1995.10762366

GNL ID
123.456.789



Q22253877

A novel family of mammalian taste receptors

Identifiers

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	▸ 1 reference	
		+ add value
OpenCitations bibliographic resource ID	2333202	edit
	▸ 1 reference	
		+ add value
DOI	10.1016/S0092-8674(00)80705-9	edit
	▸ 1 reference	
		+ add value
ResearchGate publication identifier	12554455	edit
	▾ 0 references	
		+ add reference
		+ add value

+ add statement

Efua Theodora Sutherland

Q274741

Barack Obama

Q76

Libraries will get to concentrate efforts on unique collections.

Wikidata is a hub for linking Authority data across institutions.

… libraries will get to concentrate efforts on unique collections.

Exposure in the Landscape of Scholarly Communication

… limitations of traditional tools available to faculty, researchers, and their institutions for sharing their scholarly activities

make them visible, searchable and discoverable in interesting ways that they would not necessarily be, just on the collection of your own institution.

Questions?

Scholia

A bibliographic reference management tool

https://tools.wmflabs.org/scholia/

...allows for live browsing of the relationships between works, authors, institutions, and other metadata about the works and their creators.

Let’s edit Wikidata

...and run some Wikidata Query

Next steps

- systematically add data for faculty & their publications
- export from Zotero into the QuickStatements tool
- consider running Wikidata edit-a-thons (for staff or as public events
- Run independent instances of Wikibase

Questions?