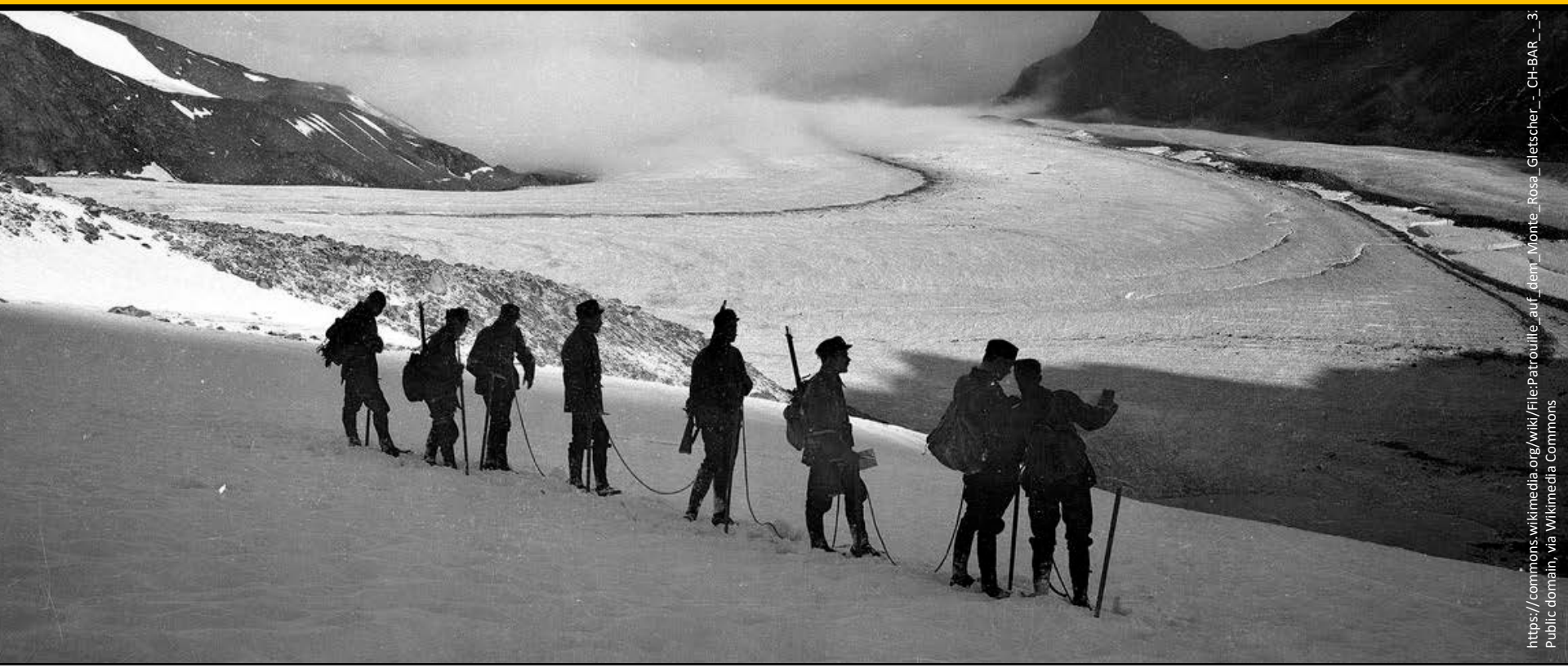
Introductie Wikibase: de basis



https://commons.wikimedia.org/wiki/File:Patrouille_auf_dem_Monte_Rosa_Gletscher_-_CH-BAR_-_3.
Public domain, via Wikimedia Commons

Olaf Janssen
olaf.janssen@kb.nl
Zenodo
Q66439268
CC-BY-SA 4.0

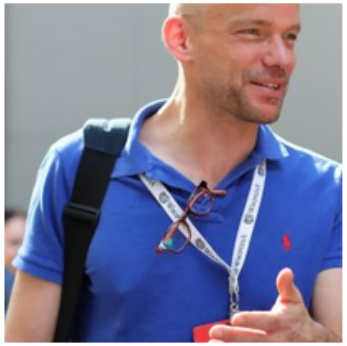
KB nationale bibliotheek

Wikibase-introductie voor KB-medewerkers

KB, donderdag 7 september 2023, 11:00-12:15

Home > Over ons > Experts > Olaf Janssen

Olaf Janssen



Olaf Janssen is open data & Wikimedia-coördinator bij de KB. Hij initieert, stimuleert en faciliteert de samenwerking tussen de collecties, kennis, open data en medewerkers van de KB aan de ene kant en de projecten van de Wikimedia-beweging aan de andere kant. Denk bijvoorbeeld aan Wikipedia, Wikimedia Commons, Wikidata en Wikibase en de gemeenschappen die daarbij horen. Olaf vervult een landelijke adviesrol voor andere organisaties op het gebied van erfgoed en kennis. Hij is ook als vrijwilliger binnen de Wikimedia-beweging actief.

WIKIPEDIA

WIKIMEDIA COMMONS

WIKIDATA

WIKIBASE

OpenRefine

Contact

- functie: open data & Wikimedia-coördinator
- e-mailadres: olaf.janssen@kb.nl
- Twitter: Olaf Janssen
- LinkedIn: Olaf Janssen

Expertises

- Wikipedia
- Wikimedia
- Wikidata
- Wikibase
- bibliotheken

Netwerk en samenwerking

- Wikimedia-netwerk (Wikipedia, Wikimedia Commons en Wikidata communities)
- Vereniging Wikimedia Nederland

https://www.kb.nl/over-ons/experts/olaf-janssen

Wat ik jullie wil geven…

1. Meer BEGRIP
van Wikibase

2. Enige ZELFREDZAAMHEID
o.h.g.v. Wikibase

3. KENNISDOSSIER
over de Wikibase-wereld

https://commons.wikimedia.org/wiki/File:Patrouille_auf_dem_Monte_Rosa_Gletscher_-_CH-BAR_-_3238941.tif, Swiss Federal Archives, Public domain, via Wikimedia Commons

Welke info bevat deze Powerpoint?

Wikidata

- Opfrisser Wikidata
- Wanneer is Wikidata niet geschikt? (voor erfgoedinstellingen)

Wikibase

- Wat is Wikibase?
- Voordelen Wikibase (t.o.v. Wikidata)
- Voorbeelden van instellingen/projecten die Wikibase gebruiken
- Bevindingen bibliotheken n.a.v. Wikibase-verkenningen

Techniek

- Hoe zit een Wikibase in elkaar (architectuur, datamodel, alternatieve datamodellen)
- Opties hosting Wikibase

Data

- Hoe vraag je data op uit een Wikibase?
- Hoe voeg je data toe?

Community

- Wikibase community
- Hoe blijf je op de hoogte?
- Waar vind je hulp?

Wat ga ik daarvan nu toelichten?

Wikidata

- Opfrisser Wikidata
- Wanneer is Wikidata niet geschikt? (voor erfgoedinstellingen)

Wikibase

- Wat is Wikibase?
- Voordelen Wikibase (t.o.v. Wikidata)
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~~*Data*~~

- ~~Hoe vraag je data op uit een Wikibase?~~
- ~~Hoe voeg je data toe?~~

~~*Community*~~

- ~~Wikibase-community~~
- ~~Hoe blijf je op de hoogte?~~
- ~~Waar vind je hulp?~~

Wat ga ik daarvan

Kennisdossier Wikibase (KB)

(in opbouw)

WIKIBASE

KB national library of the netherlands

Wikibase resources

A collection of resources, overviews, links and knowlegde related to Wikibase, collected and curated by KB, national library of the Netherlands.

Work in progress!!

This overview was originally extracted from the slides of the lecture *Introduction Wikibase, the basics*, for employeees of KB, national library of the Netherlands on 7 September 2023. This slidedeck is availble on Wikimedia Commons and Zendo

This overview is heavily inspired by the *Wikibase knowledge graphs, A collection of open source tools and resources related to Wikibase knowledge graphs* by Renat Shigapov. I've used this overview many times to improve my understanding of the Wikibase universe, and hope to extend it via the overview below, and help others in a similar way.

This page is maintained by Olaf Janssen, Wikimedia coordinator of KB. See his Wikidata user page and expert page on kb.nl for contact details.

Latest update: 6 September 2023

Contents

- Wikibase hosting
- Requesting data from a Wikibase
- Cool Wikibase SPARQL queries
- Adding data to a Wikibase
- Wikibase community
- Staying updated
- Finding help

https://github.com/KBNLwikimedia/Wikibase-resources

atamodellen)

- Hoe blijf je op de hoogte?
- Waar vind je hulp?

Opfrisser Wikidata

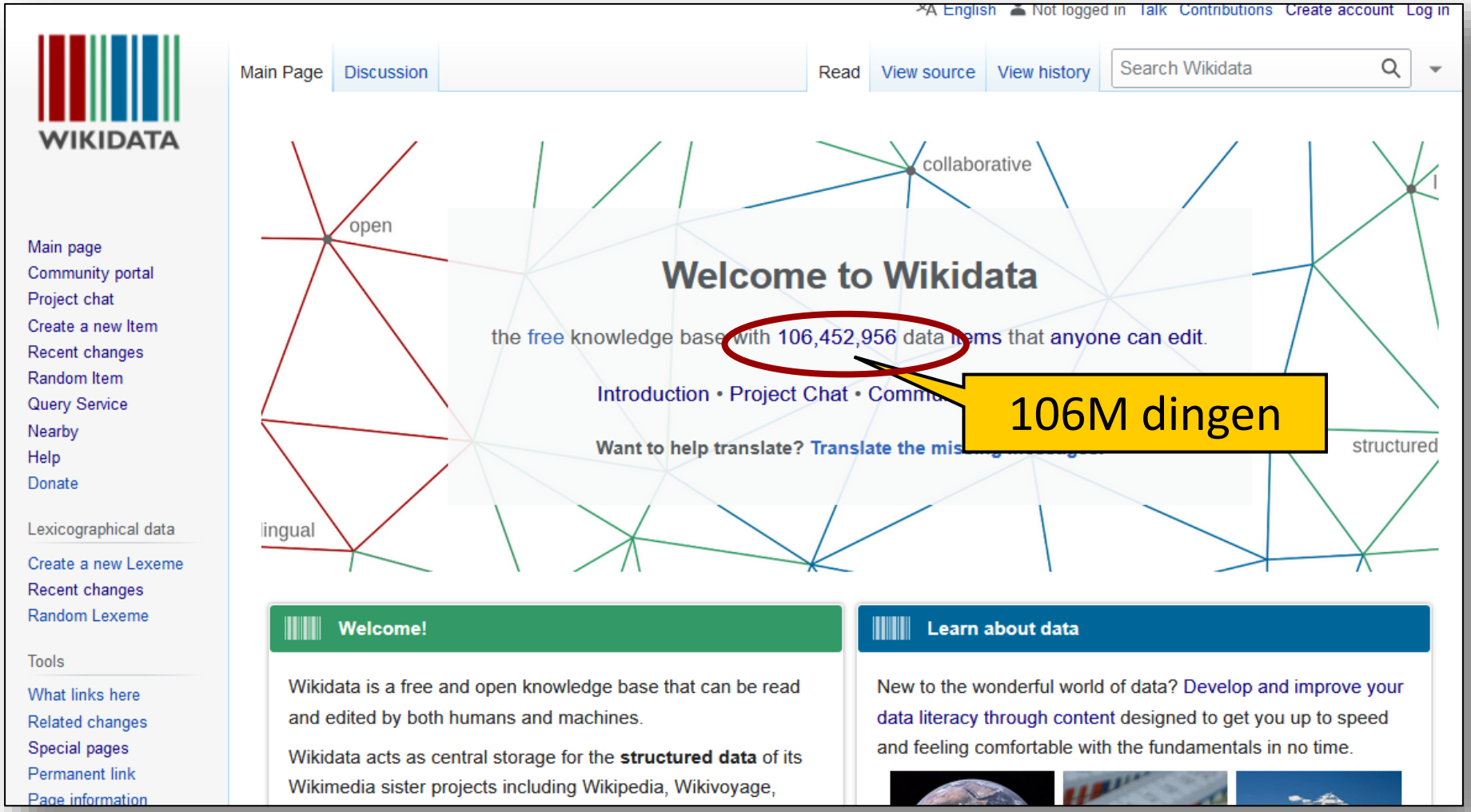
Introductiecursus *Wegwijzer in Wikidata,* 6 juni 2023

- https://zenodo.org/record/8006441
- https://commons.wikimedia.org/wiki/File:Wegwijzer_in_Wikidata,_Introductiecurus_Wikidata_-_Koninklijke_Bibliotheek,_6_juni_2023.pdf
- https://plein.kb.nl/calendar_events/7851

Wikidata bevat gestructureerde beschrijvingen van ‘dingen’….

Allerlei ‘dingen’…

Eiffel Towe
Utrakket Valley
Valley in Queen Maud Land
Bad Attitude (Q54869144)
Reset : my fight for inclusion and lasting change (Q43397048)
Juanita Kidd Stout
American judge
2021 Catalan parliame
(Q48838589)
Constitutive synthesis of urease in Aerobacter aerogenese PRL-R3. The effect of different nitrogenous compounds on its
Cymbionotum schue
Fantasiestücke, Op. 88 (Q115896515)
5C 5.232 (Q80604821)
(Q105253649)
asseltsedijk (Q19191055)
Heaven's Stai
Aileen
researcher
Koninklijke Bibliotheek (Q1526131)
National Library of the Netherlands
Dutch Royal Library | Royal Library of the Netherlands



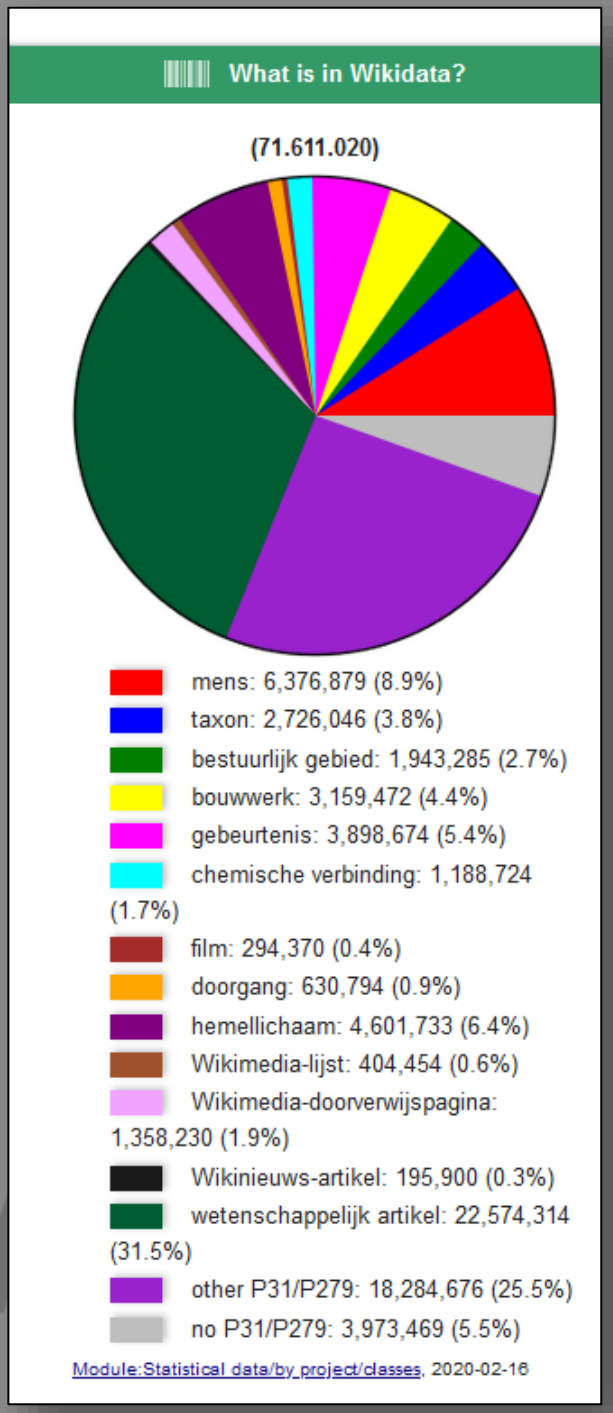
https://www.wikidata.org, screenshot 31-8-2023 -- https://www.wikidata.org/wiki/Wikidata:Statistics, dd 31-8-2023

Wikidata beschrijft van alles

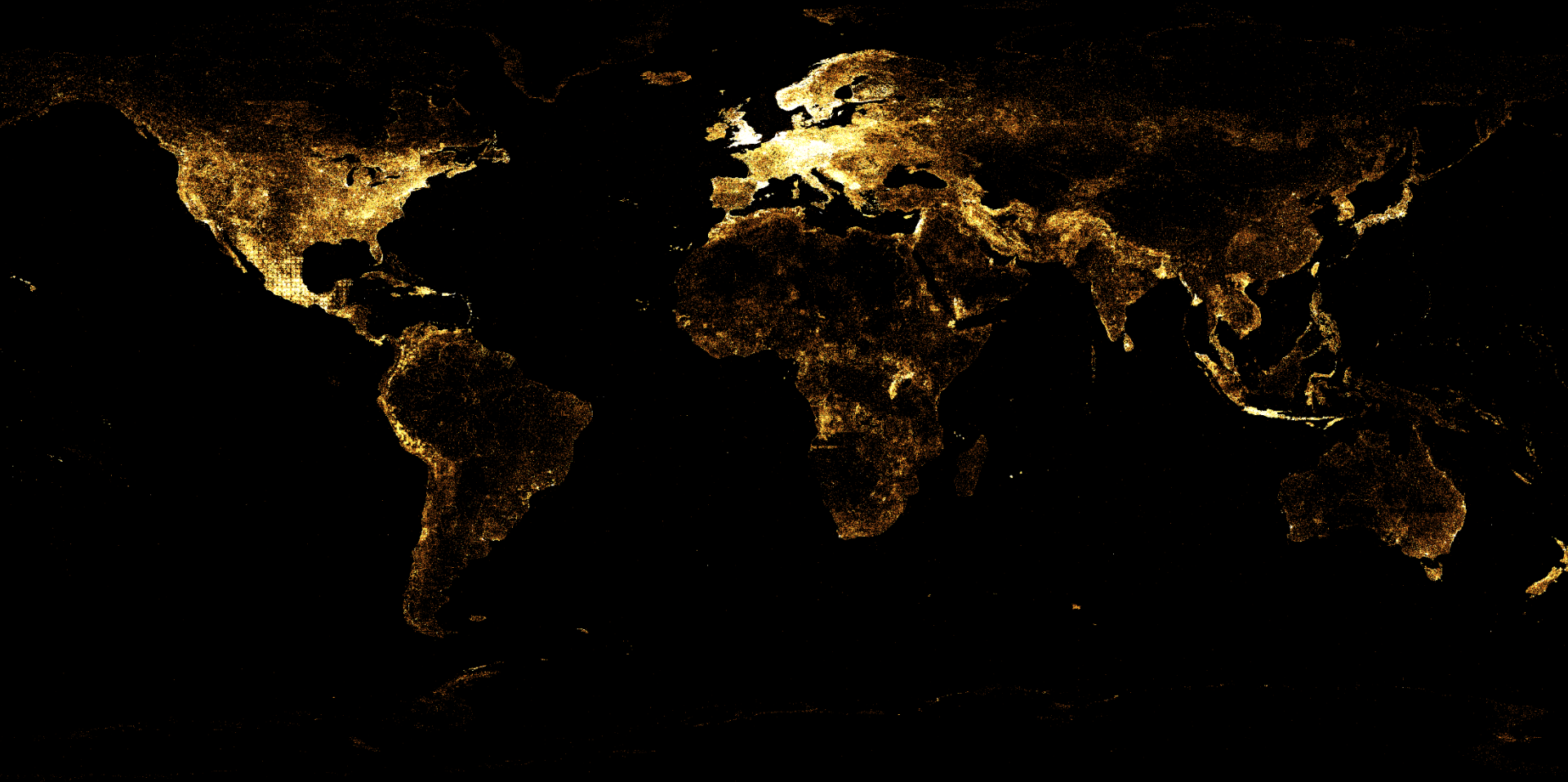
106M dingen, sinds okt 2012

- Wetenschappelijke artikelen
- Mensen
- Dieren en planten
- Gebeurtenissen
- Landen, provincies, gemeentes, steden, dorpen
- Straten, wegen, pleinen
- Gebouwen
- Voertuigen
- Bedrijven en instellingen
- Kunstwerken (film, muziek, schilderijen etc.)
- Chemische stoffen
- Astromische objecten
- Genen
- … e.v.a.

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

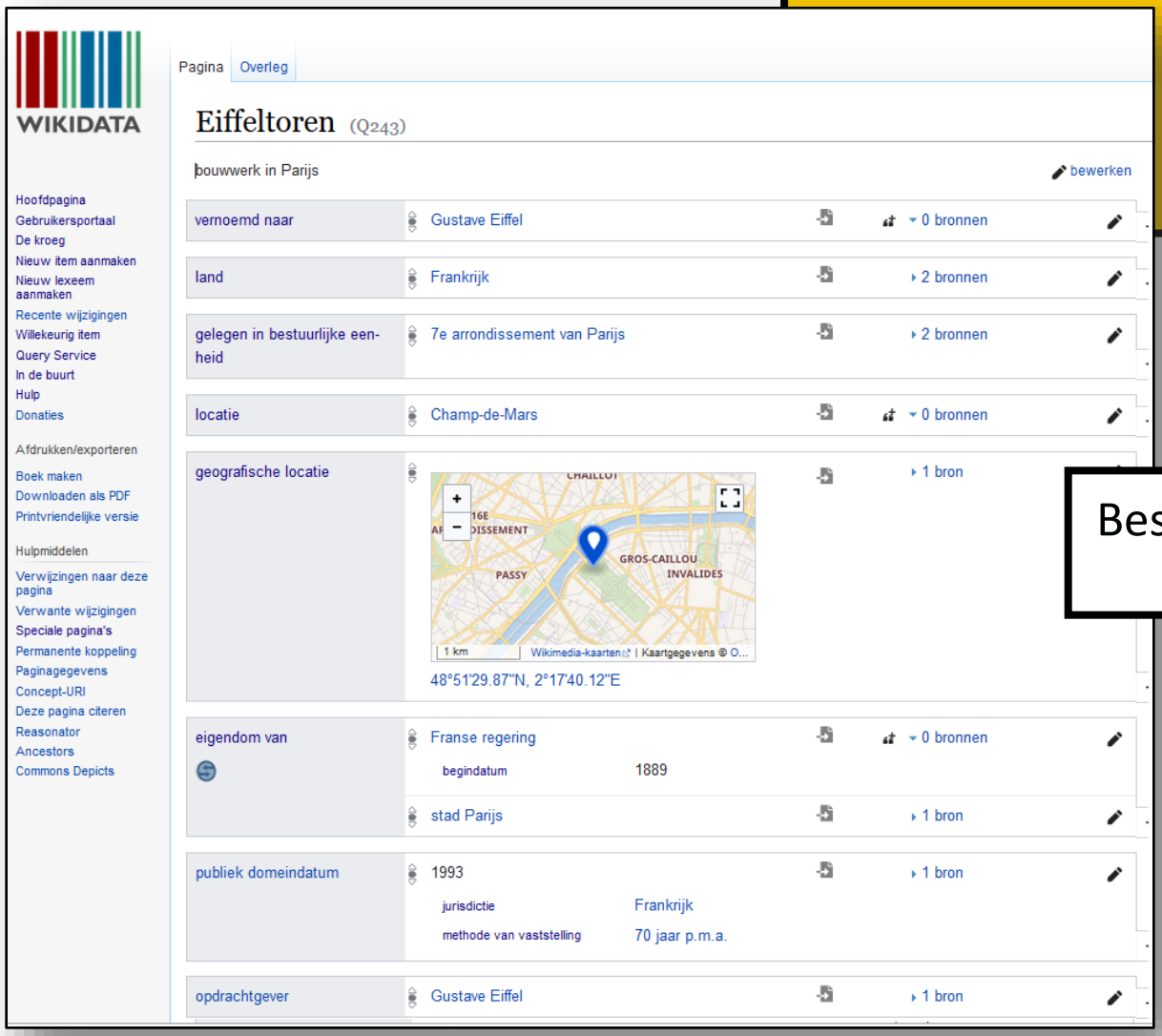


Wikidata-items met geolocatie, mei 2019



https://commons.wikimedia.org/wiki/File:Wikidata_Map_May_2019_Huge.png, Addshore, CC0, via Wikimedia Commons

1. **Gestructureerde beschrijvingen** van dingen

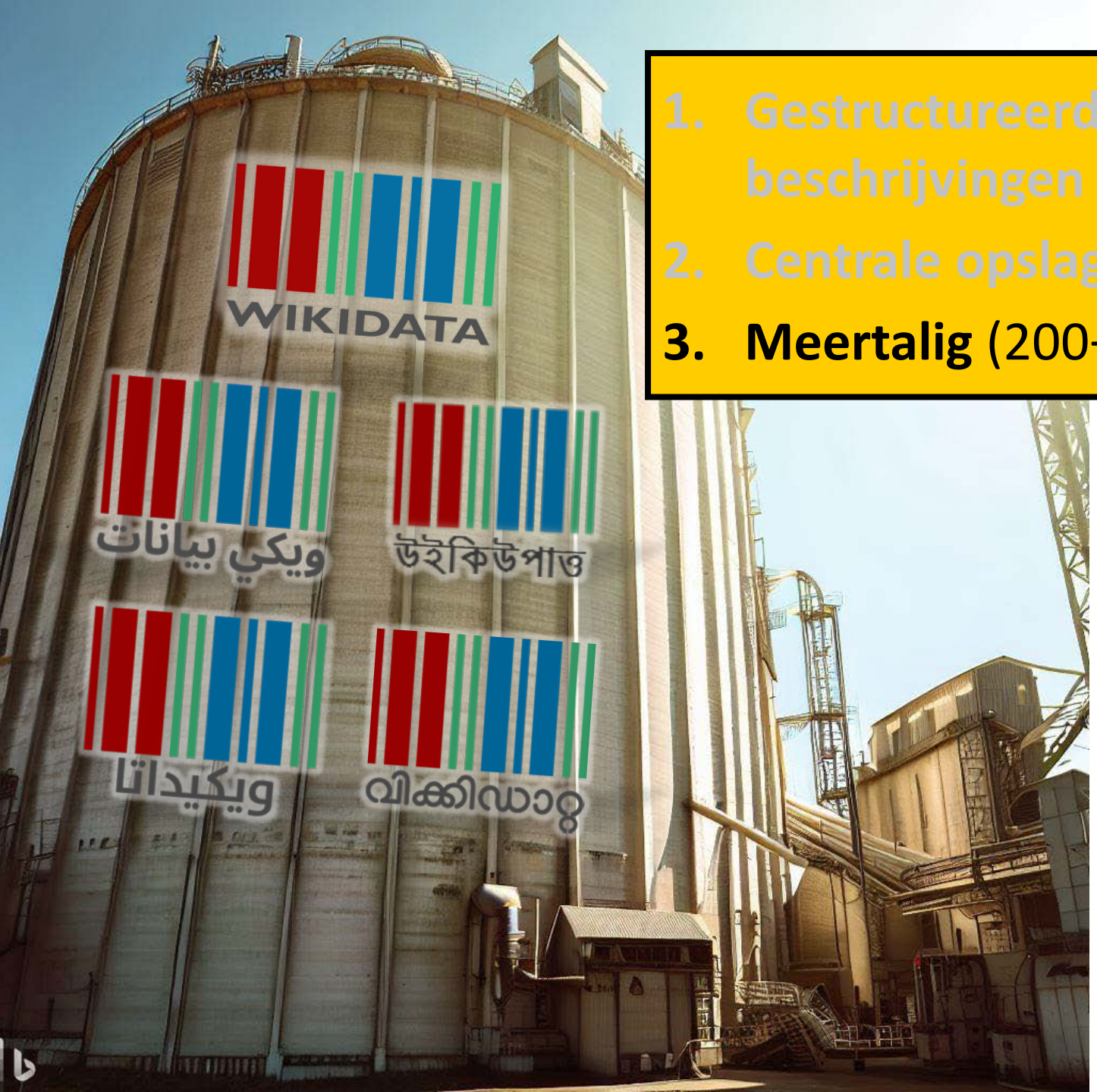


Beschrijving van de Eiffeltoren
(Nederlandstalige interface)

https://www.wikidata.org/wiki/Q243

1. Gestructureerde beschrijvingen van dingen
2. **Centrale opslag**

Generated by Bing Image Creator (AI), 19 May 2023



1. Gestructureerde beschrijvingen van dingen
2. Centrale opslag
3. **Meertalig** (200+ talen)

Eiffel Tower (Q243)

tower located on the Champ de Mars in Paris, France

Tour Eiffel | tour Eiffel

Enter a schema to check against e.g. E10

▸ Recoin: Most relevant properties which are absent

▾ In more languages

Language	Label	Description	Also known as
English	Eiffel Tower	tower located on the Champ de Mars in Paris, France	Tour Eiffel tour Eiffel
German	Eiffelturm	Eisenfachwerkturm auf dem Champs de Mars in Paris	Tour Eiffel
Spanish	Torre Eiffel	monumento en París, Francia	Tour Eiffel
French	tour Eiffel	monument de la ville de Paris, France	Dame de fer La Tour Eiffel
Italian	torre Eiffel	monumento di Parigi	Tour Eiffel
Dutch	Eiffeltoren	bouwwerk in Parijs	

All entered languages

Statements

instance of	lattice tower	0 references
	observation tower	0 references
	tourist attraction	0 references
	landmark	0 references
part of	Banks of the Seine	0 references
image		0 references

Wikipedia (158 entries) [move]

en Eiffel Tower [ref]
af Eiffeltoring [ref]
als Eiffelturm [ref]
am ሐር ኤፈል [ref]
ang Eiffel Torr [ref]
an Torre Eiffel [ref]
ar برج إيفل [ref]
arz برج ايفيل [ref]
ast Torre Eiffel [ref]
as আইফেল টাৱাৰ [ref]
avk Eiffel rasek [ref]
azb ایفل بورجو [ref]
az Eyfel qülləsi [ref]
ban Menara Eiffel [ref]
be Эйфелева вежа [ref]
bg Айфелова кула [ref]
bjn Menara Eiffel [ref]
bn আইফেল টাওয়ার [ref]
br Tour Eiffel [ref]
bs Eiffelov toranj [ref]
ca Torre Eiffel [ref]
ce Эйфелин бIов [ref]
ckb بورجی ئیفێل [ref]
crh Eyfel qullesi [ref]
cs Eiffelova věž [ref]
cv Эйфел турулĕ [ref]
cy Tŵr Eiffel [ref]
da Eiffeltårnet [ref]

Engelstalige interface

https://www.wikidata.org/wiki/Q243

Torre Eiffel (Q243)

torre no Champ de Mars em Paris, França

Tour Eiffel | tour Eiffel | La Tour Eiffel

Recoin: Propriedades mais relevantes que estão faltando

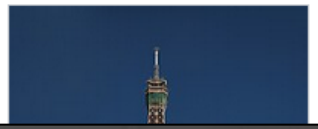
Enter a schema to check against e.g. E10

Noutras línguas

Língua	Rótulo	Descrição	Nomes alternativos
português	Torre Eiffel	torre no Champ de Mars em Paris, França	Tour Eiffel tour Eiffel La Tour Eiffel
alemão	Eiffelturm	Eisenfachwerkturm auf dem Champs de Mars in Paris	Tour Eiffel
inglês	Eiffel Tower	tower located on the Champ de Mars in Paris, France	Tour Eiffel tour Eiffel
espanhol	Torre Eiffel	monumento en París, Francia	Tour Eiffel
francês	tour Eiffel	monument de la ville de Paris, France	Dame de fer La Tour Eiffel
italiano	torre Eiffel	monumento di Parigi	Tour Eiffel
neerlandês	Eiffeltoren	bouwwerk in Parijs	

Todas as línguas introduzidas

Declarações

instância de	lattice tower *inglês*	0 referência
	belveder	0 referência
	atração turística	0 referência
	landmark *inglês*	0 referência
parte de	Banks of the Seine *inglês*	0 referência
imagem		0 referência

Portugese interface

https://www.wikidata.org/wiki/Q243

エッフェル塔 (Q243)

フランスのパリにある塔
エッフェルタワー | エッフェル鉄塔

Enter a schema to check against e.g. E10

▸ Recoin: 未登録のプロパティの候補

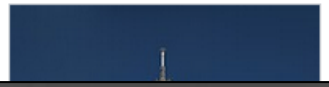
▾ 他言語の表示

言語	ラベル	説明	別名
日本語	エッフェル塔	フランスのパリにある塔	エッフェルタワー エッフェル鉄塔
ドイツ語	Eiffelturm	Eisenfachwerkturm auf dem Champs de Mars in Paris	Tour Eiffel
英語	Eiffel Tower	tower located on the Champ de Mars in Paris, France	Tour Eiffel tour Eiffel
スペイン語	Torre Eiffel	monumento en París, Francia	Tour Eiffel
フランス語	tour Eiffel	monument de la ville de Paris, France	Dame de fer La Tour Eiffe
イタリア語	torre Eiffel	monumento di Parigi	Tour Eiffel
オランダ語	Eiffeltoren	bouwwerk in Parijs	

入力済みの全言語

Japanse interface

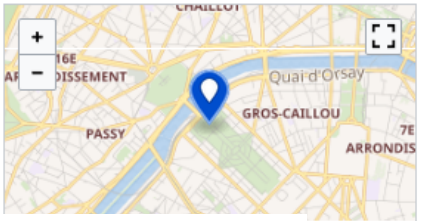
文

分類	鉄塔	0件の情報源
	展望塔	0件の情報源
	観光地	0件の情報源
	ランドマーク	0件の情報源
以下の一部分	パリのセーヌ河岸	0件の情報源
画像		0件の情報源

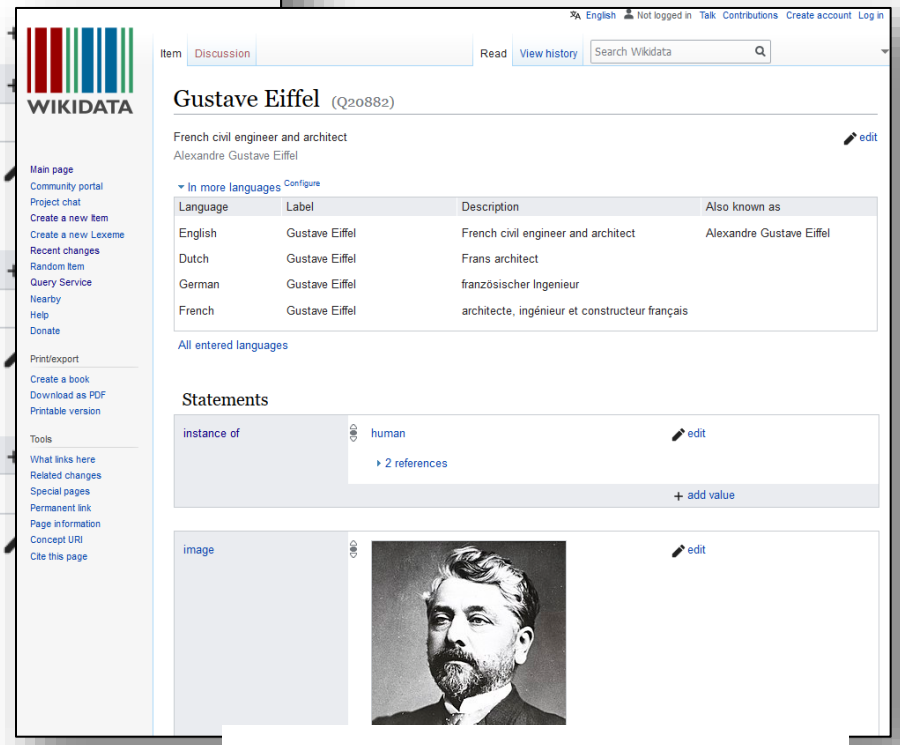
https://www.wikidata.org/wiki/Q243

4. Linked data

- Things, not strings
- Onderling verbonden

datum van oprichting of creatie	1887 0 bronnen	
label in officiële taal	tour Eiffel (Frans) 1 bron	
vernoemd naar	Gustave Eiffel	bewerken
land		
gelegen in bestuurlijke eenheid	7e arrondissement van Parijs 2 bronnen	
geografische locatie		

Geen platte tekst, maar klikbare link



WIKIDATA

Gustave Eiffel (Q20882)

French civil engineer and architect

Alexandre Gustave Eiffel

Language	Label	Description	Also known as
English	Gustave Eiffel	French civil engineer and architect	Alexandre Gustave Eiffel
Dutch	Gustave Eiffel	Frans architect	
German	Gustave Eiffel	französischer Ingenieur	
French	Gustave Eiffel	architecte, ingénieur et constructeur français	

Statements

instance of: human

image

https://www.wikidata.org/wiki/Q243

https://www.wikidata.org/wiki/Q20882

Identifiers

VIAF ID	236835198
Biblioteca Nacional de España ID	XX4850635
Catalan Vikidia ID	Torre_Eiffel
Chemins de mémoire ID	la-tour-eiffel
Comic Vine ID	4020-58543
CTBUH Skyscraper Center building ID	9410
Cultural Objects Names Authority ID	700000116
Curlie ID	World/Français/Arts/Architecture/Histoire /Types_de_constructions/Edifices_civils/Tours/Tour_Eiffel/ language of work or name: French
DATAtourisme ID	19/4b69d406-412a-3136-8cb8-cf8bac872956
De Agostini ID	Eiffel,+Tórre- subject named as: Eiffel, Tórre-
	subject named as: Eiffelova věž (Paříž, Francie)

0 references

4. Linked data

- Things, not strings
- Onderling verbonden
- Verbonden met andere databases

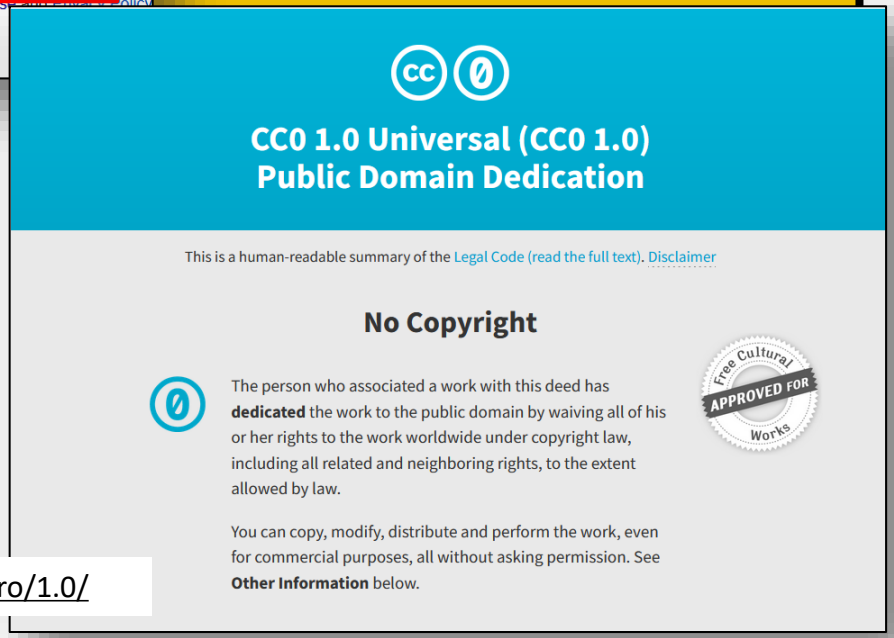
https://www.wikidata.org/wiki/Q243

https://www.wikidata.org/wiki/Q20882

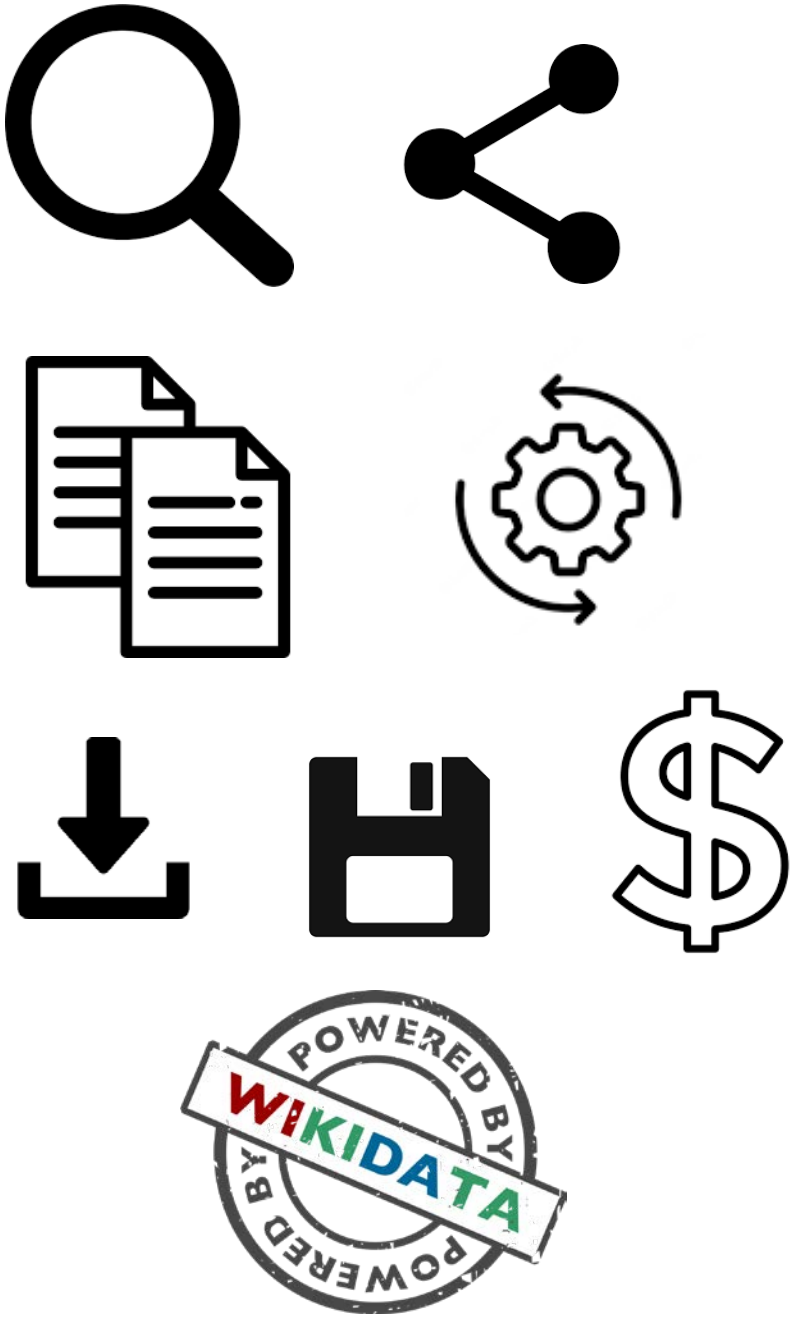
5. Open & vrij

- Gratis, geen trackers, geen ads
- Geen auteurs- of databankrechten (CC0-licentie)

https://www.wikidata.org/wiki/Q243



https://creativecommons.org/publicdomain/zero/1.0/



5. Open & vrij

- Gratis, geen trackers, geen ads
- Geen auteurs- of databankrechten (CC0-licentie)
- Iedereen mag **data hergebruiken:** bevragen, delen, kopiëren, verwerken, downloaden, verkopen etc.

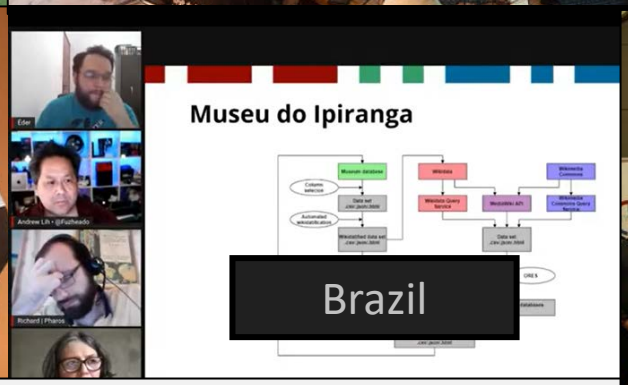
5. Open & vrij

- Gratis, geen trackers, geen ads
- Geen auteurs- of databankrechten (CC0-licentie)
- Iedereen mag **data hergebruiken:** bevragen, delen, kopiëren, verwerken, downloaden, verkopen etc.
- Iedereen mag **data bijdragen/bewerken** toevoegen, verbeteren, verwijderen, samenvoegen, vertalen etc.

Pierre-Selim Huard, CC BY 4.0 via Wikimedia Commons, https://commons.wikimedia.org/wiki/File:WikidataCon_2019_-_2019-10-26_-_2636_-_Group_Photo.jpg

6. Community

- Internationaal
- 24K bewerkers
- Onder de vlag van de Wikimedia Foundation → zusterproject van Wikipedia, Commons etc.



- https://www.wikidata.org/wiki/Wikidata:Events + https://www.wikidata.org/wiki/Wikidata:Events/archive
- https://www.wikidata.org/wiki/Category:Wikidata_Events + https://www.wikidata.org/wiki/Category:Events
- Media taken from https://commons.wikimedia.org/wiki/Category:Wikidata_events

Wikipedia

Wikimedia Commons

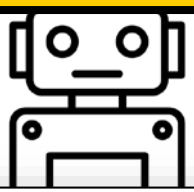
Zusterproject/community van Wikipedia, Wikimedia Commons etc.

- Open/vrije kennis
- Samenwerken
- Kennisdeling
- Voor nut van ‘t algemeen

https://commons.wikimedia.org/wiki/File:Wikimedia_logo_family_complete-2022.svg, Wikimedia Foundation, CC BY-SA 3.0 <https://creativecommons.org/licenses/by-sa/3.0>, via Wikimedia Commons

7. Voor mensen en machines

- Mensleesbaar, mensschrijfbaar → Data beschikbaar via GUIs in HTML
- Machineleesbaar, machineschrijfbaar → Data beschikbaar via APIs in JSON, XML/RDF, CSV etc.



Koninklijke Bibliotheek (Q1526131)

National Library of the Netherlands

Dutch Royal Library | Royal Library of the Netherlands | KB | National Library of the N

Enter a schema to check against e.g. E10

▸ Recoin: Most relevant properties which are absent

▾ In more languages

Language	Label	Description
English	Koninklijke Bibliotheek	National Library of the Netherlands
German	Königliche Bibliothek der Niederlande	Nationalbibliothek
Spanish	Biblioteca Real Neerlandesa	biblioteca nacional en los Países Bajos
French	Bibliothèque Royale	bibliothèque Nationale des Pays-Bas
Italian	Biblioteca reale	biblioteca nazionale dei Paesi Bassi
Dutch	Koninklijke Bibliotheek	Nationale Bibliotheek van Nederland

All entered languages

Statements

instance of

logo image

- https://www.wikidata.org/wiki/Q1526131, screenshot 24-5-2023
- https://www.wikidata.org/w/api.php?action=wbgetentities&ids=Q1526131
- https://www.wikidata.org/w/api.php?action=wbgetentities&ids=Q1526131&props=labels&format=xml


```
−<api success="1">
  −<entities>
    −<entity type="item" id="Q1526131">
      −<labels>
          <label language="de" value="Königliche Bibliothek der Niederlande"/>
          <label language="en" value="Koninklijke Bibliotheek"/>
          <label language="es" value="Biblioteca Real Neerlandesa"/>
          <label language="fr" value="Bibliothèque Royale"/>
          <label language="id" value="Koninklijke Bibliotheek"/>
          <label language="it" value="Biblioteca reale"/>
          <label language="nl" value="Koninklijke Bibliotheek"/>
          <label language="ru" value="Королевская национальная библиотека Нидер
          <label language="uk" value="Королівська бібліотека Нідерландів"/>
          <label language="zh" value="荷蘭皇家圖書館"/>
```


MediaWiki API result

This is the HTML representation of the JSON format. HTML is good for debugging, but is unsuitable for application use.
Specify the *format* parameter to change the output format. To see the non-HTML representation of the JSON format, set format=json.
See the complete documentation, or the API help for more information.


```
{
    "entities": {
        "Q1526131": {
            "pageid": 1463147,
            "ns": 0,
            "title": "Q1526131",
            "lastrevid": 1882107453,
            "modified": "2023-04-24T20:30:40Z",
            "type": "item",
            "id": "Q1526131",
            "labels": {
                "de": {
                    "language": "de",
                    "value": "K\u00f6nigliche Bibliothek der Niederlande"
                },
```

Wikidata is een
secundaire, algemene, openbare
kennisbank voor de wereld.

Wat voor soort data bevat Wikidata?

Secundair

- Niet-originele gegevens over
- Notenswaardige dingen (meer info)
- Verifieerbaar d.m.v. betrouwbare openbare bronnen (meer info)

Algemeen

- Breed scala aan onderwerpen/klassen
- Relatief basale data, niet superspecialistisch

Openbaar

- Openbare gegevens
- Geen auteursrechten
- Geen privacygevoeligheden (meer info)

https://kennisplatform.wikimedia.nl/artikelen/data-delen/wat-zijn-de-criteria-voor-data-op-wikidata/

Wensen van erfgoedinstellingen waarvoor Wikidata niet geschikt is

- X Publiceren domein-specifieke / specialistische / ‘esoterische’ LOD
- X Publiceren hele grote LOD-sets (bv. catalogi, thesauri)
- X Eigen controle over wie data mag toevoegen / muteren
- X Samenwerking met geselecteerde partners in besloten, gecontroleerde omgeving
- X Vastleggen niet-openbare data
- X Eigen controle over hosting LOD

KB ONDERZOEKSKRONIEK | Olaf Janssen

WIKIBASE: DE VOORDELEN VAN WIKIDATA, ZONDER DE NADELEN

Olaf Janssen
Wikimedia-coördinator bij de KB
Dit artikel is beschikbaar onder de CC-BY-SA 4.0-licentie

Wikidata is de vrije en gratis database die gestructureerde, linked open data van Wikipedia en overige Wikimedia-projecten centraal opslaat. Wikidata kan gelezen en bewerkt worden door zowel mensen als computers. Iedereen kan zonder beperkingen (want: CC0-licentie) gebruikmaken van de beschikbare gegevens en verbanden, én kan er bovendien zelf aan bijdragen.
De database bestaat inmiddels zeven jaar. In die tijd heeft een actieve community er ruim 62 miljoen personen, plaatsen, gebeurtenissen, organisaties, organismen en andere 'dingen' (entiteiten) in beschreven. Door de sterke koppeling met Wikipedia – sinds jaren in de top-10 van meest geraadpleegde websites – zijn de gegevens in Wikidata bovendien uiterst zichtbaar.
Het uiteindelijke doel is om de hele wereld op een gestructureerde manier te beschrijven, zodat computers ermee overweg kunnen. Vanwege de vrije licentie en de veelgebruikte protocollen (SPARQL, JSON, RDF, XML en, Mediawiki API) wordt de data uit Wikidata ook veelvuldig buiten de Wiki-context hergebruikt, in Google en Amazons Alexa bijvoorbeeld.

Weinig controle

Hoe geweldig Wikidata ook is, voor kennis- en erfgoedinstellingen kan juist die openheid, schrijfbaarheid en onderwerpsbreedte een nadeel vormen. Dit soort instituten heeft vele decennia geïnvesteerd in het zeer zorgvuldig beheren van gespecialiseerde, diepgaande catalogi en thesauri. Hun angst om deze datasets via Wikidata open te maken is dan ook begrijpelijk. Er is te weinig controle, die overijverige community kan alles zomaar aanpassen en de minutieuze beschrijving van dat heel specifieke collectiestuk past niet goed genoeg in het brede en daardoor soms oppervlakkige datamodel van Wikidata.

De openheid, schrijfbaarheid en onderwerpsbreedte van Wikidata kunnen voor kennis- en erfgoedinstellingen een nadeel zijn. Wie liever meer controle over zijn datasets houdt, zet een eigen Wikibase op.

Beeld: pixabay / geralt

Plaque uit de collectie van het Kunstmuseum Den Haag

Wikibase

Einde oefening voor *LOD-hungry en Wiki-aware* instellingen? Nee, gelukkig kun je de software waar Wikidata op draait – dus Wikidata minus de data – ook op een eigen server installeren en er dan je eigen datamodel en data instoppen. Dan heb je een eigen *Wikibase* opgezet. De Wikibase-software is open source en heeft alle voordelen van Wikidata, minus bovengenoemde nadelen.
Over een eigen Wikibase-instantie heb je een stuk meer controle: je kunt alleen geautoriseerde gebruikers het recht geven om bij te dragen en je kunt er je eigen diepgaande, specialistische data(model) in kwijt. Tegelijkertijd kan iedereen – mensen en software – jouw Wikibase gewoon raadplegen, net als bij Wikidata. En functionaliteit die voor Wikidata ontwikkeld wordt, komt vaak ook terug in Wikibase. SPARQL, Mediawiki API, datavisualisaties, kant-en-klare code *snippets* voor Python en andere talen, alles out of the box.

Ontwikkelingen

De nationale bibliotheken van Duitsland (DNB) en Frankrijk (BnF) doen inmiddels serieuze experimenten met Wikibase om hun thesauri naar de LOD-cloud te krijgen. In Nederland doet het Kunstmuseum Den Haag als een van de eerste instellingen een pilot om de website delftsaardewerk.nl een eigen Wikibase te geven.
Om partijen uit de academische en erfgoedwereld kennis te laten maken met de voor- en nadelen van Wikibase en Wikidata, is de KB van plan begin 2020 een studiedag rondom deze onderwerpen te organiseren.

Verder lezen
Inside the Alexa-Friendly World of Wikidata: tinyurl.com/y3l5hqwd
Wikibase: wikiba.se
Wikibase BnF: www.transition-bibliographique.fr/fne/french-national-entities-file/
Wikibase DNB: blog.factgrid.de/archives/1527

Wikibase als oplossing!?

gspunten

/ 'esoterische' data

epe datamodellen

muteren

esloten, gecontroleerde

e aspecten

https://commons.wikimedia.org/wiki/File:Wikibase,_de_voordelen_van_Wikidata,_zonder_de_nadelen_-_Artikel_van_Olaf_Janssen_in_InformatieProfessional_nr.08,_2019,_pagina_37.jpg, Olaf Janssen, CC BY-SA 4.0 , via Wikimedia Commons

Wat is Wikibase?

WIKIBASE

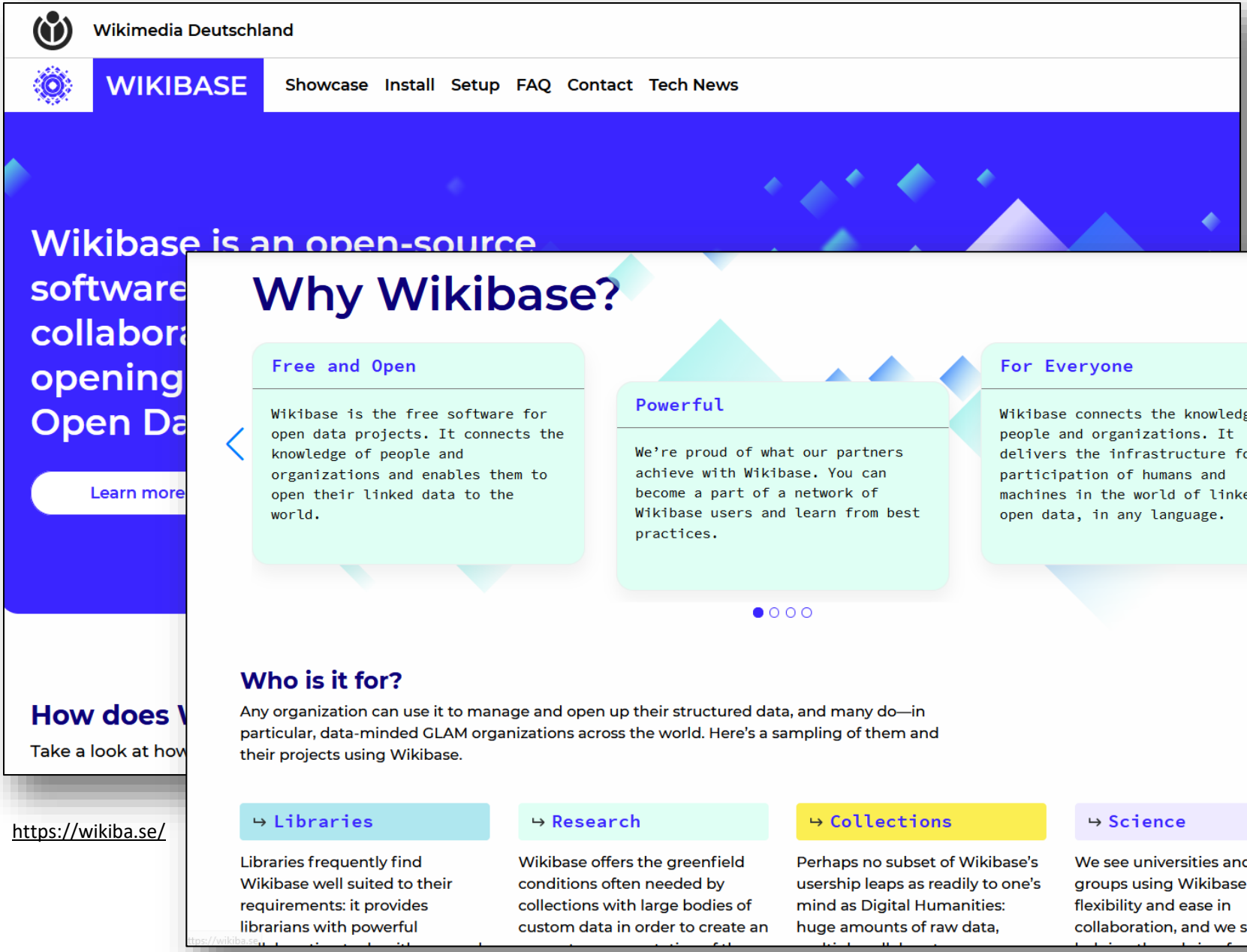
Wikibase is de software waar Wikidata op draait

Wikibase is essentially a blank copy of Wikidata into which you can put your own structured data.

Bron

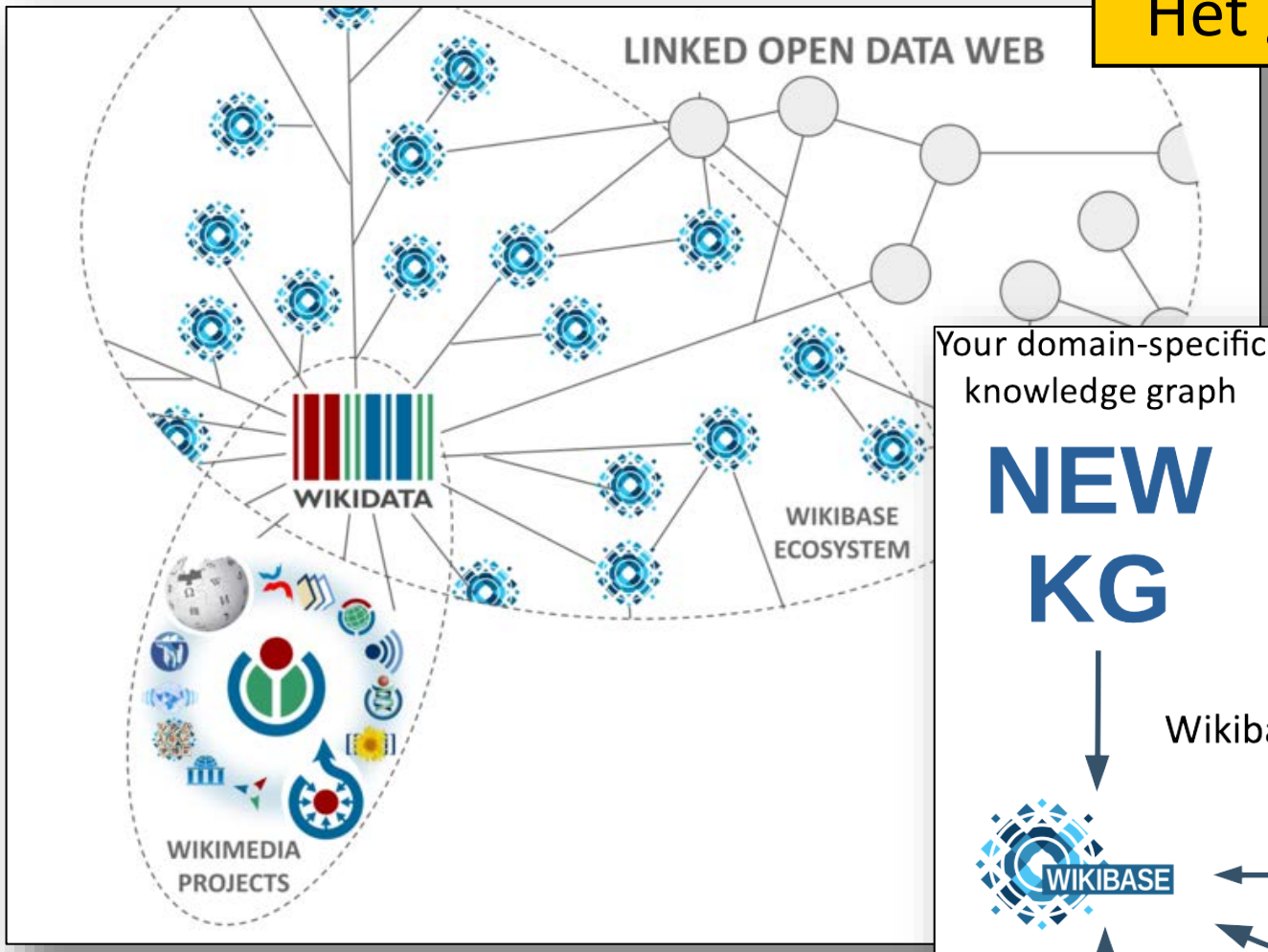
- De open-source, gratis software waar Wikidata op draait
- Je kunt er je eigen LOD-kennisbank mee bouwen & beheren
- Zonder de nadelen van Wikidata
  - Eigen datamodellen, domein-specifiek / specialistisch / ‘esoterisch’
  - Grote datasets
  - Eigen rechtenbeheer (wie mag bijdragen)
  - Niet perse openbaar
  - Eigen IT-hosting
- Met alle voordelen van Wikidata
  - Gericht op samenwerking en verbinding (o.a. Wikidata-community)
  - Voor mensen en machines
  - Gebruiksvriendelijke GUI voor gestructureerde data (Qs en Ps)
  - Ondersteuning voor meertaligheid
  - Versiegeschiedenis
  - Overzichtelijke ontologie: Items, Properties, Statements etc.
  - Output in diverse dataformaten (o.a. JSON, RDF/XML, N3)
  - Zoeken via SPARQL
  - MediaWiki API
  - Ondersteuning voor tools (o.a. OpenRefine)
  - Documentatie

Wikibase website

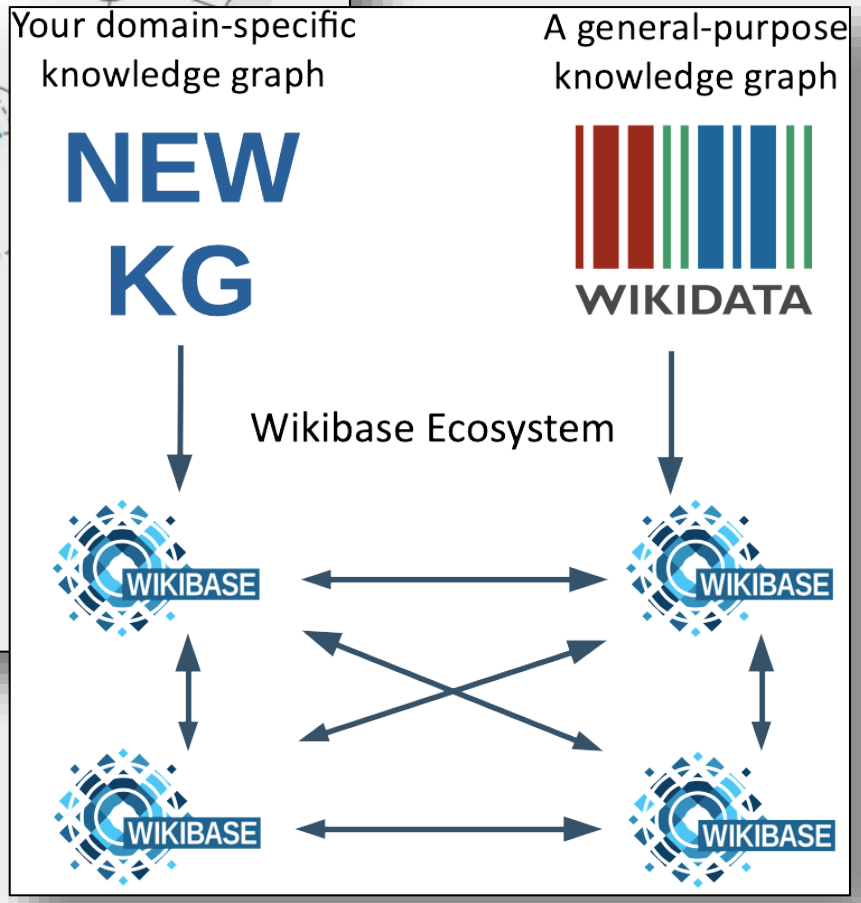


https://wikiba.se/

Het grotere plaatje



https://meta.wikimedia.org/wiki/LinkedOpenData/Strategy2021/Joint_Vision



https://ub-mannheim.github.io/RaiseWikibase/poster.html

Wikidata-Wikibase strategie

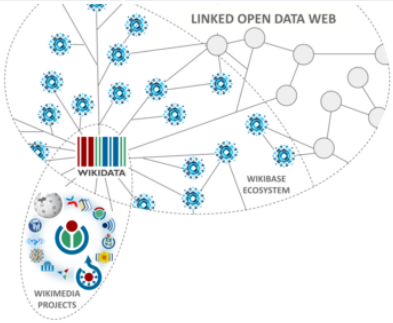
WIKIMEDIA META-WIKI

Content page | Discussion | Read | Edit | View history | Search Meta

LinkedOpenData/Strategy2021/Joint Vision

< LinkedOpenData | Strategy2021

Overview	Joint Vision	Wikidata	Wikibase Ecosystem



Vision

Our vision for our work in Linked Open Data:

> *We work towards a future in which people share the power to collect and organize the data that shapes humanity's understanding of the world.*
>
> *Diverse communities around the world participate in Wikidata and in a network of specialized Wikibases, co-creating an open and free global knowledge graph in a thriving Linked Open Data web.*
>
> *This is the basis upon which people, companies and institutions of all sizes can generate new insights, build new apps and services, and change the world for the better.*

In working towards this vision, we expect a great variety of individuals will be positively impacted:

- **People all over the world** benefit from high-quality, verifiable information that incorporates many perspectives.
- **Communities all over the world** find inspiration and participate in determining how the world's digitized knowledge is organized.
- **Technology creators** of all shapes and sizes rely on the data in our ecosystem, recognizing and utilizing its high quality.
- **Researchers, activists, journalists and other curious minds** gain new insights that have a positive impact on the world.
- **Wikimedia projects and other knowledge curators** collaborate in shared spaces, reducing individual workload.

Main page
Wikimedia News
Translations
Recent changes
Random page
Help
Babel

Community
Wikimedia Resource Center
Wikimedia Forum
Mailing lists
Requests
Babylon
Reports
Research
Planet Wikimedia

Beyond the Web
Meet Wikimedians
Events
Movement affiliates
Donate

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

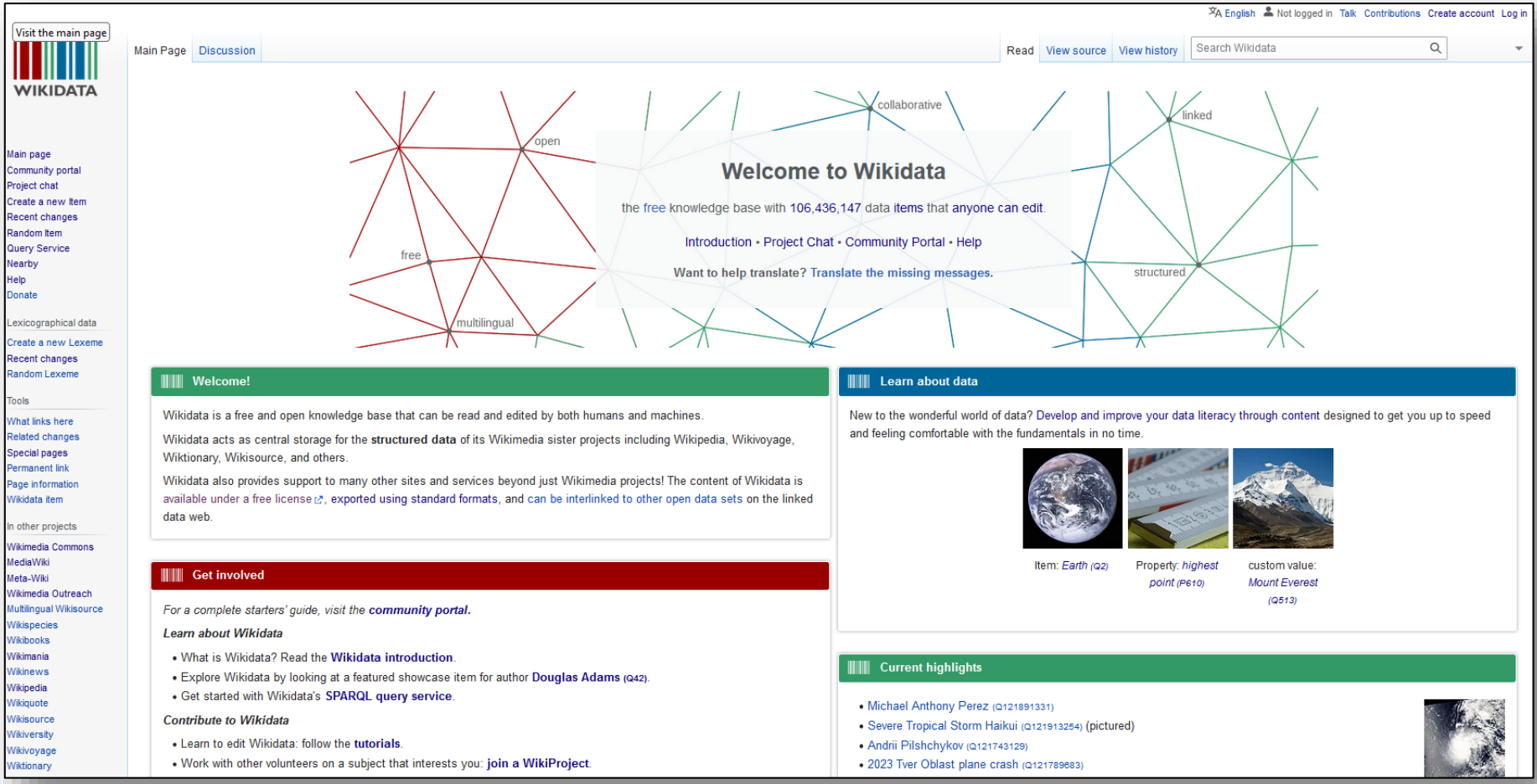
Print/export
Create a book
Download as PDF

https://meta.wikimedia.org/wiki/LinkedOpenData/Strategy2021/Wikibase

WIKIBASE

Voorbeelden van instellingen/projecten die Wikibase gebruiken

1) Wikidata



https://www.wikidata.org/wiki/Wikidata:Main_Page , 30-8-2023

2) Rhizome Artbase

- Rhizome = art organization in NYC.
- Artbase = archive of born-digital art 1983-present.
- First Wikibase instance outside of Wikimedia projects.

RHIZOME / ArtBase

About Browse Query FAQ User Guide

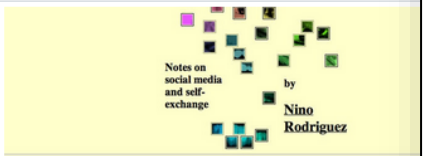
Welcome to the Rhizome ArtBase

This is an archive of born-digital artworks from 1983 to the present day. A small sample of artwo
shown below; you can also browse the archive by date or by artist name.

Some entries in this archive include external links to artworks maintained by artists or others. So
contain archived copies, hosted on Rhizome infrastructure. All of these, as well as forms of
documentation, are called *variants*—distinct manifestations of the artwork, all accessible via the main
artwork page.

TwiLight

Delirium Arts

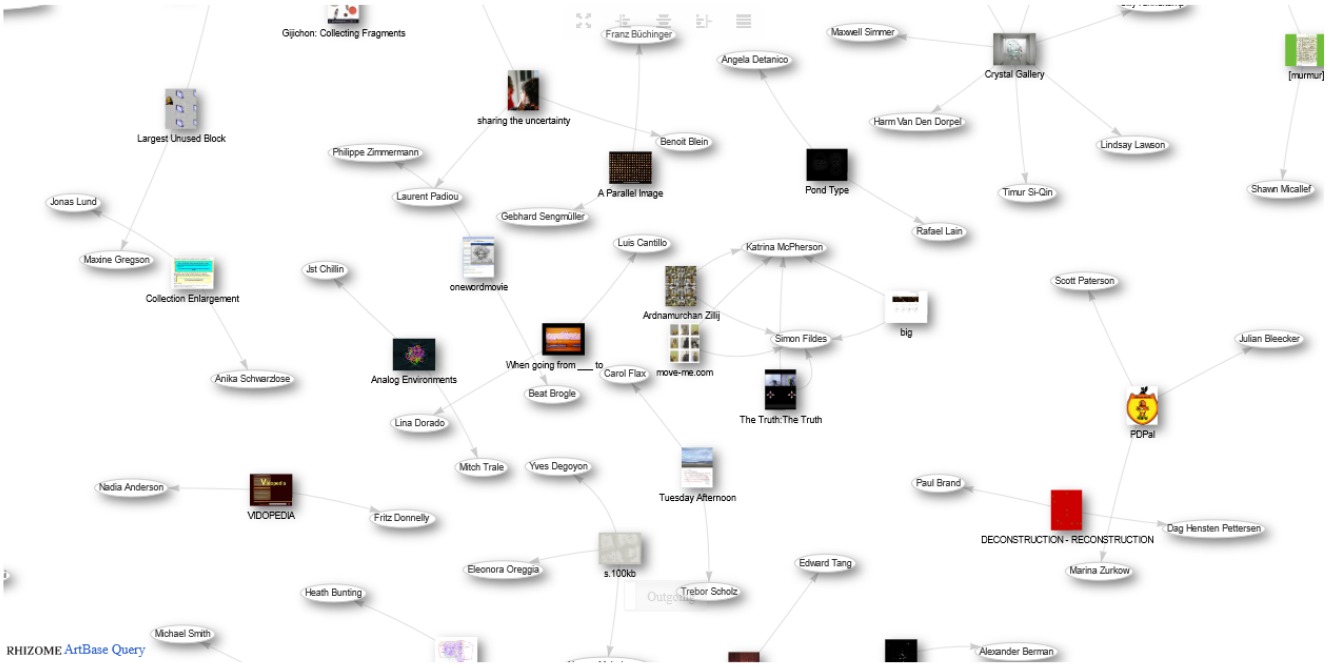


https://artbase.rhizome.org/wiki/Main_Page

Query example #1

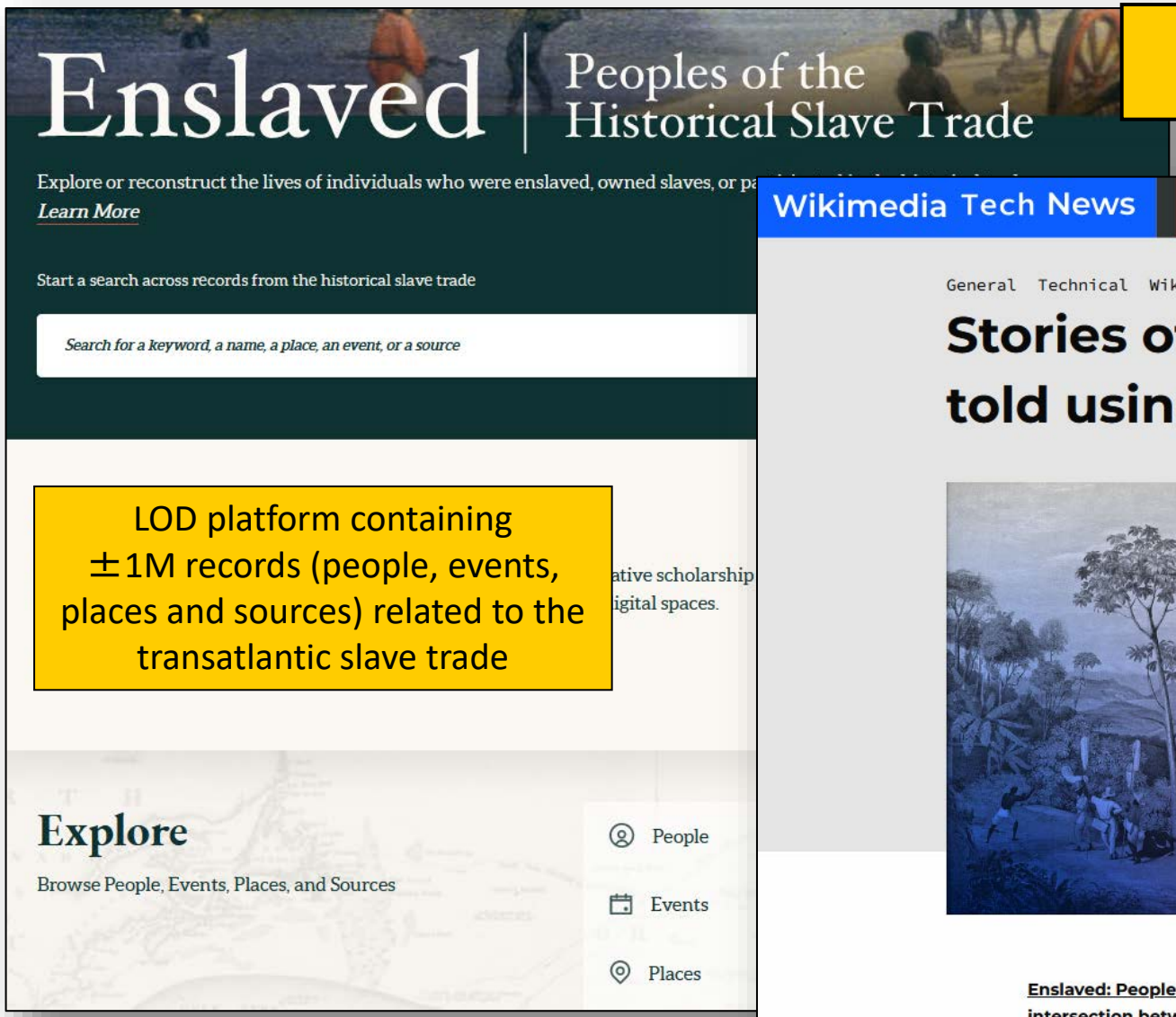
< Welcome to the ArtBase query service

Artworks in the ArtBase with more than one artist, including the artist names (visualized as a graph with images)

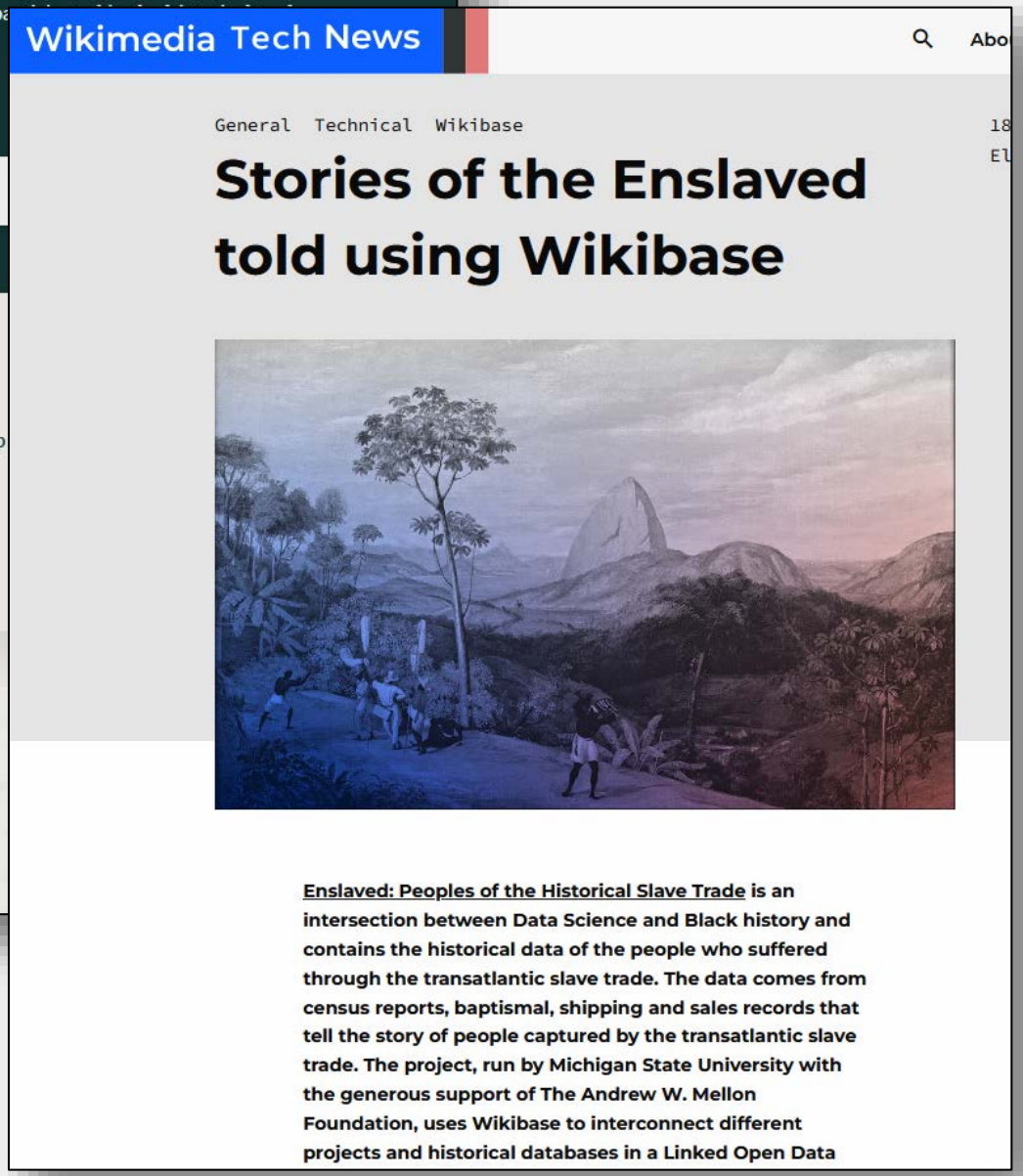


https://artbase.rhizome.org/wiki/Query/example1

3) Enslaved.org



LOD platform containing ±1M records (people, events, places and sources) related to the transatlantic slave trade



- https://enslaved.org
- https://lod.enslaved.org/wiki/Meta:Main_Page

https://tech-news.wikimedia.de/en/2021/02/18/stories-of-the-enslaved-told-using-wikibase/

4) FactGrid

Open collaborative international Wikibase knowledge graph for historical research,
312 participants

FactGrid wikibase

Main Page | Discussion | Read | View source | View history | Search

Main Page

Main page
Query service
Sample queries
Advanced text search
Recent changes
Random page

Browse
FactGrid Viewer
KnolBase Browser
EntiTree genealogies

Project Spaces
Blog
Projects
FactGrid Thematic
Troubleshooting
To Do
SPARQL Lab

Items & Properties
New Item
MergeItems
Batch fragments
QuickStatements
Directory of Properties
New Property
Data modeling
Help

Lexemes
New Lexeme
Search

Tools

Welcome!

on the FactGrid database, a project of the Gotha Research Centre operated by the data lab of the University of Erfurt. With the support of Wikimedia Germany we are using a MediaWiki with Wikidata's "wikibase" extension. Our main product are data which we collect on "items" such as these:

- Adam Weishaupt
- Paris

You will need to be logged in to see the "add statement" link with which you can add information in the form of triple based machine readable claims — which everyone can now explore with the SPARQL data mining language, at our Query Service. All FactGrid data are CC0-licensed. You can download any search in various data formats with the aim to explore FactGrid data in other software environments or visualise searches with various tools on our site.

Visit our

- FactGrid FAQ for more information on why you might love to use FactGrid as your research platform
- Help Section for further assistance
- Terms of Service if you want to have an account on FactGrid
- Project Section to take a look at work done on the collective platform

The FactGrid database is an open collaborative and multilingual project organised by — as of March 2023 — 312 participants from all over the world. If you are looking for a site to present research data and keep them in the process of further research — the FactGrid database might be a cool candidate. For more information and account details contact:

Dr. Olaf Simons
Gotha Research Centre at the University of Erfurt

FactGrid
a database for historians

Jour fixe

It has been proposed to have a weekly jour fixe on Thursdays 21:30 CET (a time equally (in)convenient to all our teams around the world). FactGrid has an open web channel for such purposes that can be used without further passwords and software downloads. Contact olaf.simons@pierre-marteau.com for link details.

QuickStatements

https://database.factgrid.de/wiki/Main_Page

FactGrid projects, by era

https://database.factgrid.de/wiki/FactGrid:Projects

Paris to download

All the houses and streets of Paris c. 1820 in a data set with geographic coordinates and administrative information free to download

English Log in Request account

Project page Discussion

FactGrid:Nineteenth Century

Main page
Query service
Sample queries
Advanced text search
Recent changes
Random page

Browse
FactGrid Viewer
KnolBase Browser
EntiTree genealogies

Project Spaces
Blog
Projects
Troubleshooting
SPARQL Lab

Work
New Item
MergeItems
Batch fragments
QuickStatements
Directory of Properties
New Property
Data modeling
Help

Tools
What links here
Related changes
Special pages
Printable version
Permanent link
Page information

Paris to download

All the houses and streets of Paris c. 1820 in a data set with geographic coordinates and administrative information free to download

- first view, work in progress
- streets of Paris before 1860
- photos of Paris by Marville (1865-1868)
- plans cadastraux des immeubles parisiens (1809-1854)/cadastral plans of Parisian buildings (1809-1854)
- Parisian theaters in 19th century

Project initiated by Bruno Belhoste

https://database.factgrid.de/wiki/FactGrid:Nineteenth_Century#Paris_to_download

Paris to download

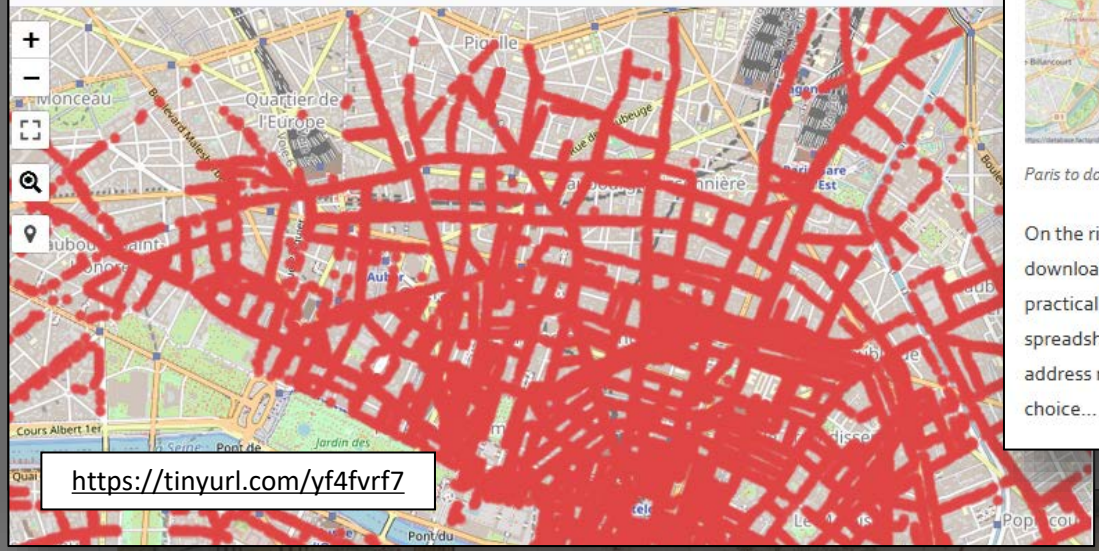
FactGrid:Projects

FactGrid Query | Voorbeelden | Hulp | Meer hulpmiddelen | Nederlands

```
#defaultView:Map
SELECT ?Real_estate ?Real_estateLabel ?Geographic_coordinates WHERE {
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }
  ?Real_estate wdt:P2 wd:Q16200;
    wdt:P47 wd:Q10441.
  OPTIONAL { ?Real_estate wdt:P48 ?Geographic_coordinates. }
}
```

All the houses and streets of Paris c. 1820

Map | 29717 resultaten in 8064 ms | Code | Downloaden



https://tinyurl.com/yf4fvrf7

English | Log in | Request account

2021-11-14 BY BRUNO BELHOSTE

Paris to download

PARIS TO DOWNLOAD comes with a double purpose: it is first designed to provide a dataset for historians to download with one simple click. Click the image below and a SPARQL query will bring the addresses of Paris c. 1830 onto a modern map.

Paris to download (click on the map) / link for the direct table download TSV formatted

On the right hand side you will be able to activate the menu that allows you to download the raw data behind this visualisation to your computer. TSV or CSV are the practical formats here. TSV (table separated) data can be copied and pasted into any spreadsheet. The download will come with the geographic coordinates and the address names, CCo-licensed and ready to use in any software environment of your choice...

https://blog.factgrid.de/archives/2333

5) Aviation Safety Network

AVIATION SAFETY NETW

AN EXCLUSIVE SERVICE OF FLIGHT SAFETY FOUNDATION

Home | Database | Investigation | Statistics | Contact us | About |

About ASN

The Flight Safety Foundation's Aviation Safety Network (ASN) provides up-to-date, complete reliable authoritative information on airliner accidents and safety issues.

ASN consists of three accident/incident databases:

The *ASN accident database* is updated daily and contains descriptions of over 23,000 airliner (aircraft originally certified to carry 12 or more passengers), military transport category aircraft, and corporate jet aircraft accidents dating back to 1919. The information is primarily derived from official governmental agencies, such as air accident investigation boards and civil aviation authorities.

The *ASN Wikibase* is updated regularly by a large user community and contains descriptions of more than 258,000 accidents involving light aircraft, military aircraft, helicopters, gyroplanes, gliders, hot air balloons and UAVs, as well as the accidents contained in the ASN accident database.

The *ASN Drone database* is updated at least four times a year and contains reports of over 15,000 unmanned aircraft or drone sightings from pilots and reported airprox occurrences. The information is primarily derived from official governmental agencies, such as air accident investigation boards and civil aviation authorities.

The Aviation Safety Network is an exclusive service provided by:

Quick Links:

ASN Home | Send Correction / Feedback
FSF Home | Disclaimer
Copyright
Contact Us | Privacy Policy
Press / Media

FLIGHT SAFETY FOUNDATION

1920 Ballenger Av, 4th Fl.
Alexandria, Virginia 22314
www.FlightSafety.org

CONNECT WITH US:

Provides up-to-date, complete and reliable authoritative information on airliner accidents and safety issues.

https://aviation-safety.net/about/

ASN Wikibase

AVIATION SAFETY NETWORK

AN EXCLUSIVE SERVICE OF FLIGHT SAFETY FOUNDATION

Home | Database | Investigation | Statistics | Contact us | About |

ASN Aviation Safety WikiBase

WikiBase - Add and edit accidents yourself

Yes, you can add accidents and incidents to the ASN WikiBase yourself! Or you can correct or update existing accidents. You can add any aviation accident or incident you like: general aviation, military, helicopters etc. As long as they are not covered in the main ASN Safety Database.

Every entry or correction is being reviewed before it appears online.

>>Add an accident.

This information is added by users of ASN. ASN nor the Flight Safety Foundation are responsible for the completeness or correctness of this information.

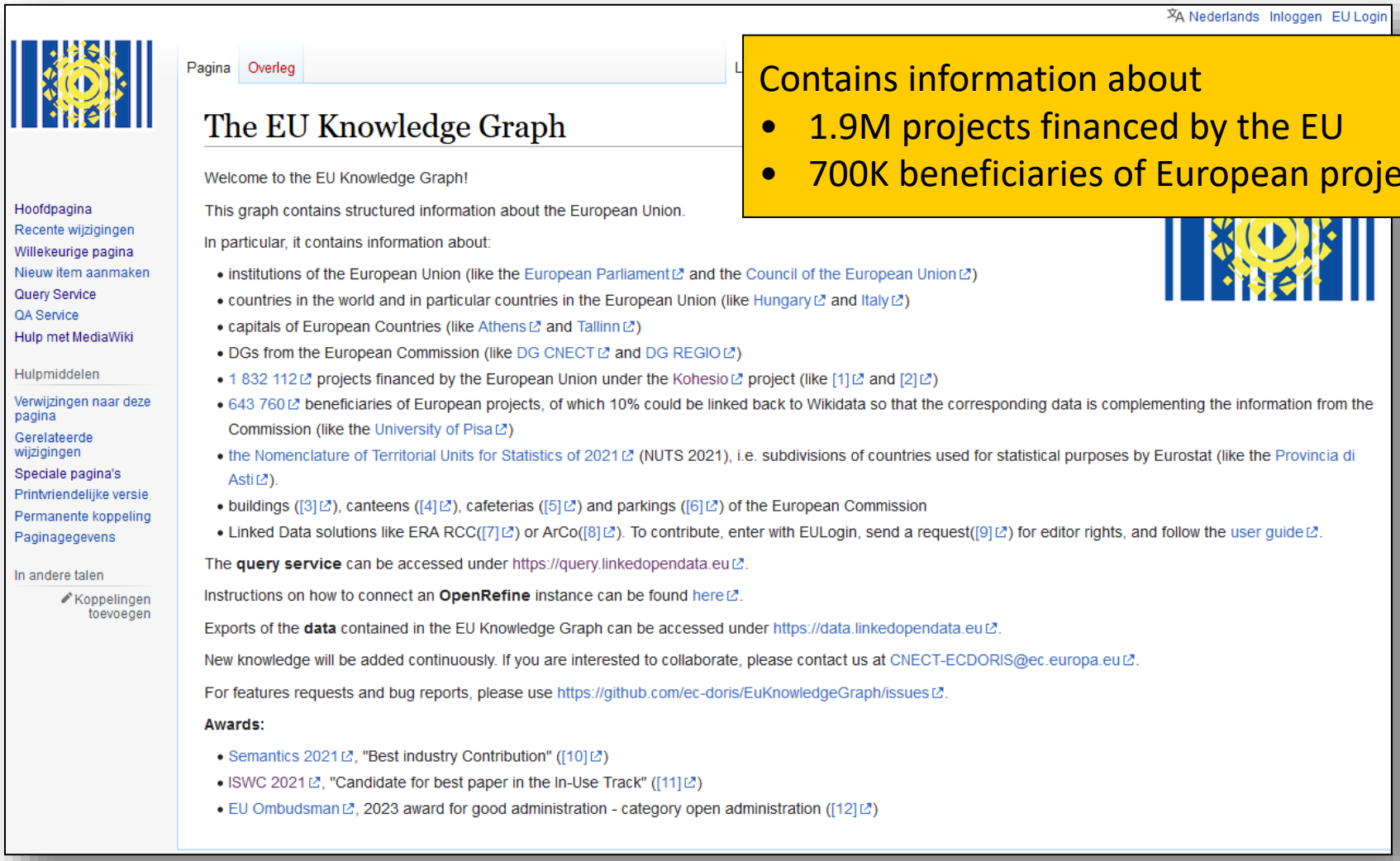
Search for specific accidents or view accidents by year:

1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909
1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919
1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929
1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939
1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949
1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959
1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969
1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979
1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989
1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999
2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009
2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019

The ASN Wikibase is updated regularly by a large user community and contains descriptions of more than 258,000 accidents involving light aircraft, military aircraft, helicopters, gyroplanes, gliders, hot air balloons and UAVs since 1905.

https://aviation-safety.net/wikibase/

6) EU Knowlegde Graph



Contains information about

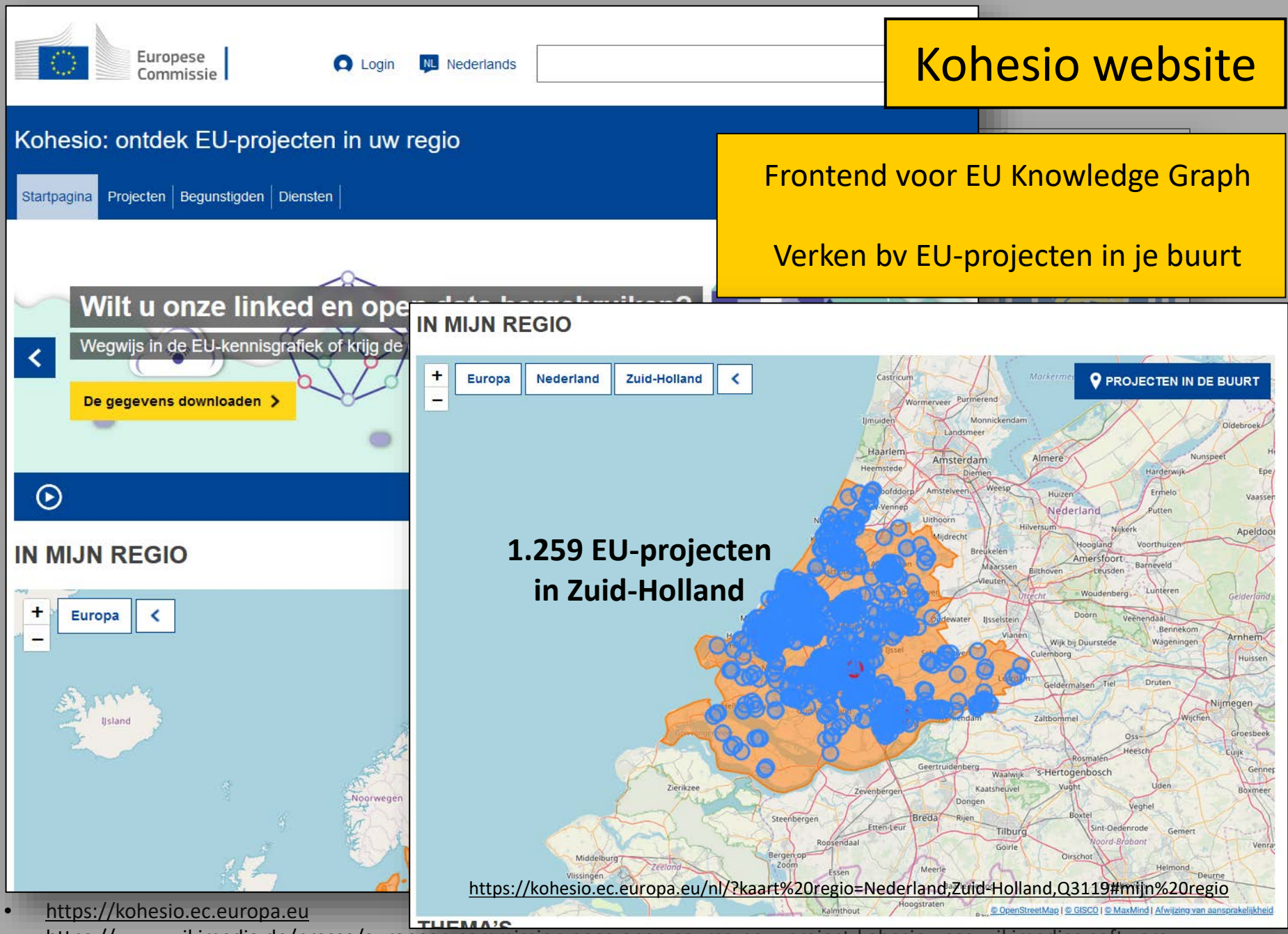
- 1.9M projects financed by the EU
- 700K beneficiaries of European projects

- https://linkedopendata.eu/wiki/The_EU_Knowledge_Graph
- https://hal.archives-ouvertes.fr/hal-03353225/document
- https://www.youtube.com/watch?v=PyBWo-ka9JU

Kohesio website

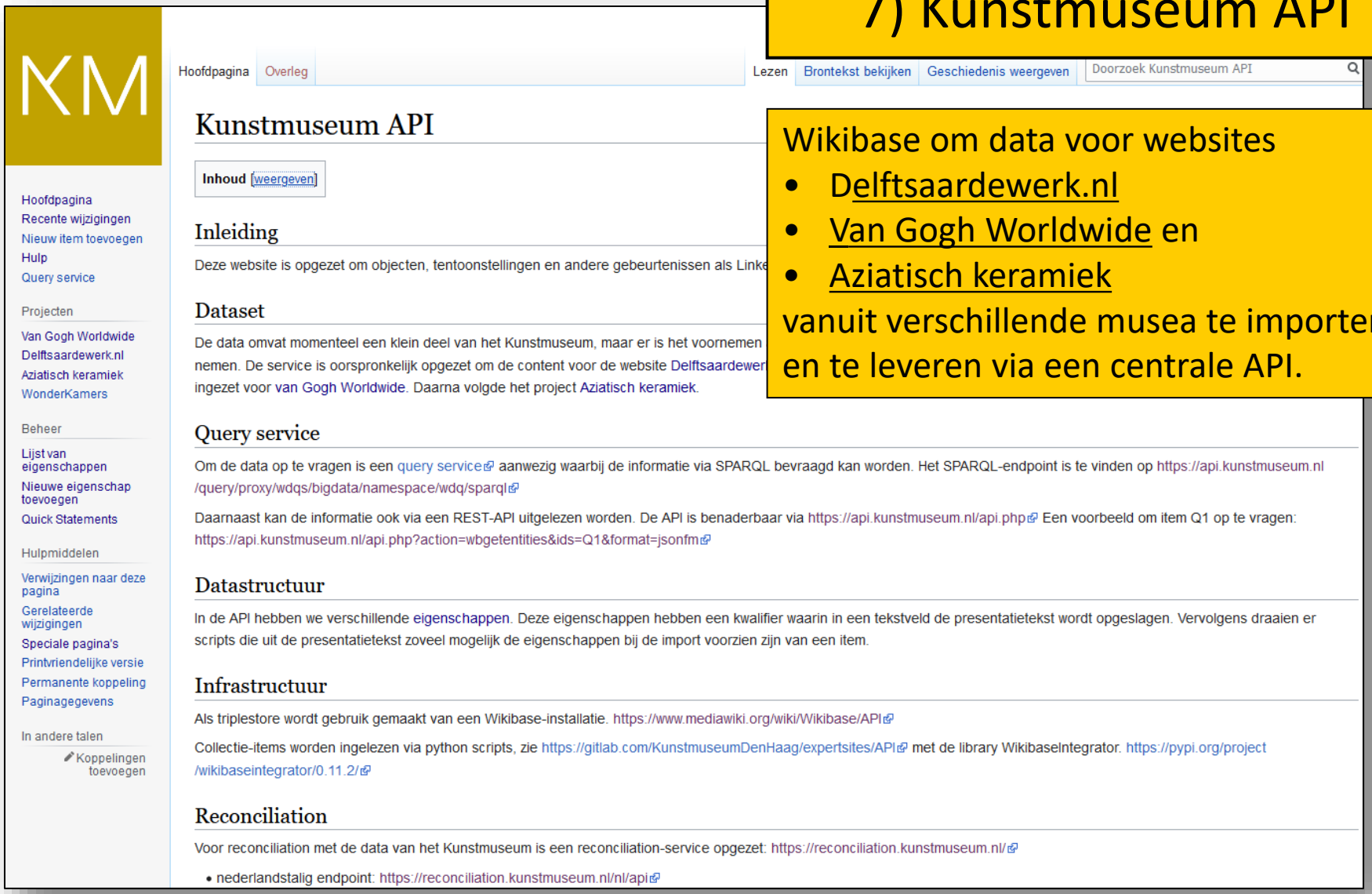
Frontend voor EU Knowledge Graph

Verken bv EU-projecten in je buurt



- https://kohesio.ec.europa.eu
- https://www.wikimedia.de/presse/european-commission-goes-open-source-new-project-kohesio-uses-wikimedias-software-wikibase/

7) Kunstmuseum API



KM

Hoofdpagina Overleg Lezen Brontekst bekijken Geschiedenis weergeven Doorzoek Kunstmuseum API

Kunstmuseum API

Inhoud [weergeven]

Inleiding

Deze website is opgezet om objecten, tentoonstellingen en andere gebeurtenissen als Linke

Dataset

De data omvat momenteel een klein deel van het Kunstmuseum, maar er is het voornemen
nemen. De service is oorspronkelijk opgezet om de content voor de website Delftsaardewer
ingezet voor van Gogh Worldwide. Daarna volgde het project Aziatisch keramiek.

Query service

Om de data op te vragen is een query service aanwezig waarbij de informatie via SPARQL bevraagd kan worden. Het SPARQL-endpoint is te vinden op https://api.kunstmuseum.nl/query/proxy/wdqs/bigdata/namespace/wdq/sparql

Daarnaast kan de informatie ook via een REST-API uitgelezen worden. De API is benaderbaar via https://api.kunstmuseum.nl/api.php Een voorbeeld om item Q1 op te vragen: https://api.kunstmuseum.nl/api.php?action=wbgetentities&ids=Q1&format=jsonfm

Datastructuur

In de API hebben we verschillende eigenschappen. Deze eigenschappen hebben een kwalifier waarin in een tekstveld de presentatietekst wordt opgeslagen. Vervolgens draaien er scripts die uit de presentatietekst zoveel mogelijk de eigenschappen bij de import voorzien zijn van een item.

Infrastructuur

Als triplestore wordt gebruik gemaakt van een Wikibase-installatie. https://www.mediawiki.org/wiki/Wikibase/API

Collectie-items worden ingelezen via python scripts, zie https://gitlab.com/KunstmuseumDenHaag/expertsites/API met de library WikibaseIntegrator. https://pypi.org/project/wikibaseintegrator/0.11.2/

Reconciliation

Voor reconciliation met de data van het Kunstmuseum is een reconciliation-service opgezet: https://reconciliation.kunstmuseum.nl/

- nederlandstalig endpoint: https://reconciliation.kunstmuseum.nl/nl/api

Hoofdpagina
Recente wijzigingen
Nieuw item toevoegen
Hulp
Query service

Projecten
Van Gogh Worldwide
Delftsaardewerk.nl
Aziatisch keramiek
WonderKamers

Beheer
Lijst van eigenschappen
Nieuwe eigenschap toevoegen
Quick Statements

Hulpmiddelen
Verwijzingen naar deze pagina
Gerelateerde wijzigingen
Speciale pagina's
Printvriendelijke versie
Permanente koppeling
Paginagegevens

In andere talen
Koppelingen toevoegen

Wikibase om data voor websites

- Delftsaardewerk.nl
- Van Gogh Worldwide en
- Aziatisch keramiek

vanuit verschillende musea te importeren en te leveren via een centrale API.

- https://api.kunstmuseum.nl/wiki/Kunstmuseum_API
- https://api.kunstmuseum.nl/wiki/Project/Delftsaardewerk
- https://api.kunstmuseum.nl/wiki/Project/Aziatisch_keramiek
- https://api.kunstmuseum.nl/wiki/Project/van_Gogh_Worldwide

Delftsaardewerk.nl

Collectie Kunstmuseum Den Haag, object 0400098

Delfts Aardewerk

Ontdekken Herkennen Bekijken Verdiepen

Kunstmuseum Den Haag

Vijf schalen met bijbelse voorstelli

0

Vijf schalen met bijbelse voorstellingen (Q2559)

Vijf schalen met bijbelse voorstellingen||Delft||1756-1757||diameter 25,0 cm ; hoogte 4,5 cm||tinglazuuraardewerk (faience) beschilderd in kobaltblauw||Kunstmuseum Den Haag||10918x1y324

In meer talen

Instellen

Taal	Label	Beschrijving	Ook bekend als
Nederlands	Vijf schalen met bijbelse voorstellingen	Vijf schalen met bijbelse voorstellingen||Delft||1756-1757||diameter 25,0 cm ; hoogte 4,5 cm||tinglazuuraardewerk (faience) beschilderd in kobaltblauw||Kunstmuseum Den Haag||10918x1y324	
Engels	Five dishes with Biblical representations	Five dishes with Biblical representations||Delft (The Netherlands)||1756-1757||height 4.5 cm ; diameter 25 cm||monochrome faience; blue||Kunstmuseum Den Haag||10918x1y324	

Verklaringen

is een	collectie-item 1 bron
objectsoort	*onbekende waarde* presentatietekst schalen (Nederlands) 1 bron

https://delftsaardewerk.nl/bekijken/voorwerp/gemeentemuseum-den-haag/400098 -- https://api.kunstmuseum.nl/wiki/Item:Q2559

Wikibase-projecten in bibliotheken

Wikibase is being evaluated by libraries as a tool to help them store and manage their structured data, as well as connect to the world of linked open data.

- **German National Library (DNB)**
- **KB, national library of the Netherlands**
- National Library of France (more info)
- National Library of the Czech Republic (more info)
- National Library of Luxembourg (more info)
- National library of Greece (more info)
- The Smithsonian Libraries (more info)

KB nationale bibliotheek

DEUTSCHE NATIONAL BIBLIOTHEK

Národní knihovna České republiky
National Library of the Czech Republic

Εθνική Βιβλιοθήκη της Ελλάδος EBE National Library NLG of Greece

BnF Bibliothèque nationale de France

Smithsonian

Bibliothèque nationale du Luxembourg
Nationalbibliothéik

8) DNB/GND

DEUTSCHE NATIONAL BIBLIOTHEK

MENU

DNB FOR USERS

Home › DNB Professional › The Integrated Authority File (GND)

Recommend

THE INTEGRATED AUTHORITY FILE (GND)

GND - Gemeinsame Normdatei

- Integrated authority file for German speaking countries
- 8M authority records on persons, corporate bodies, places, works etc.

- Further development of the GND
- To search for GND-IDs
- Metadata services
- Contact

https://www.dnb.de/EN/Professionell/Standardisierung/GND/gnd_node.html

DNB/GND

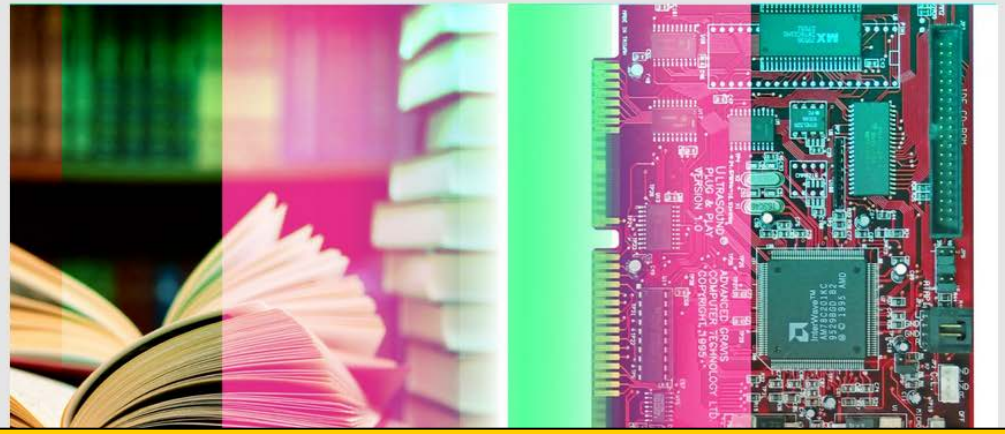
Wikimedia Tech News

About Us Archive

Technical Wikibase

4. March 2020
Barbara Fischer
Jens Ohlig

Could you wikify an authority file? Wikibase has been evaluated for the Integrated Authority File (GND)



Wikibase as a second home for the GND
To collaboratively edit and maintain authority records for the entire GLAM field and digital humanities.

https://tech-news.wikimedia.de/en/2020/03/04/wikibase-and-gnd/

DNB/GND

The second home of the GND

In the world of libraries, the GND has long served as a referencing and rationalisation tool, as did the four authority files that preceded it. It is integrated into certain frameworks and proprietary software structures that are, however, relatively inaccessible to users from outside the world of libraries. We believe that we can use Wikibase to make it easier for some of these target groups to collaborate on the GND.

To this end, we wish to import all the existing GND data records and their corresponding links into a Wikibase entity in 2021. This may sound like a simple task. However, Wikibase's importation interfaces are still very much aligned with the needs of Wikidata. For this reason, we have sought professional support from a Wikibase specialist, who is assisting us as a service provider in the transfer of the database infrastructure, the data importation and the creation of user-friendly input screens. In the next step, we will then invite experienced and new GND users to test the data-entry and search processes in the new environment so that we can further improve these.

During the second half of 2021, we are planning a technical workflow for synchronising the GND Wikibase entity with the CBS system[7]. The plan is to enable new and existing users without any WinIBW[8] access to enter their data as a suggestion in the Wikibase entity.

One long-term goal is to offer a user-friendly and supportive data-recording environment for the GND. The *GND web forms*[9] represent a first step in this direction, as they are considerably more user-friendly than the data-entry systems used by libraries. The web forms currently can be used to record people and corporations. However, this currently envisaged approach is not flexible enough. In addition to the two aforementioned GND record types, there are four more. These six record types unite approximately 50 entity codes,[10] each with specific properties via which the respective entities can be recorded as GND data records. These would require a dynamic entry form that adapts to the entity type or usage context chosen, offers necessary and typical entry elements, highlights useful entries and thus guides the user through the entry process. It remains to be seen whether Wikibase represents the right platform for this in the medium term. At present, Wikibase lacks such features. For now, no update to the generic entry interface is planned "ex works". There is also no option of limiting the offering to fundamental elements

LA BIBLIOTECA PIATTAFORMA DELLA CONOSCENZA - Collaborativa, inclusiva, reticolare - 2021 (vanaf p 145)

9) Wikibase @KB (internal)

Danielle
@ecritures

Vandaag was een groot feest: we hebben bij de KB onze eigen #wikibase in gebruik genomen. Heb net de hele middag aan het aanmaken van properties gewerkt zodat ik de eerste items kan aanmaken met #OpenRefine 1/2

5:17 p.m. · 9 mrt. 2023 · **300** Weergaven

1 Retweet **5** Vind-ik-leuks

Je antwoord tweeten

Beantwoorden

Danielle @ecritures · 17 u

Als antwoord op @ecritures

2/2 Ik ga allereerste alle metadata over onze middeleeuwse handschriften in deze #wikibase zetten terwijl mijn collega bezig is met de #centsprenten. Later dit jaar is al deze heerlijkheid ook extern beschikbaar bij de #kb

KB nationale bibliotheek

https://twitter.com/ecritures/status/1633864604945203203

Acceptatie-Wikibase
(in ontwikkeling)

KB

Hoofdpagina | Overleg | Lezen | E

Hoofdpagina
Recente wijzigingen
Willekeurige pagina
Hulp met MediaWiki

Hulpmiddelen
Verwijzingen naar deze pagina
Gerelateerde wijzigingen
Speciale pagina's
Permanente koppeling
Paginagegevens

In andere talen
Koppelingen toevoegen

Main Page

Inhoud [weergeven]

Intern overleg

Vragen Lauren

- Kun je kijken of je ervoor kunt zorgen dat KB-admin en KB-superuser statements kunnen verwijderen? *Als je edit klikt bij een statement kan je remove kiezen om een statement te verwijderen. Zowel kb-admin als superuser kunnen dit al.*
- Zou je willen kijken of jij / iemand een datatype kan aanpassen bij een aangemaakte property? Mocht jij dat kunnen zou je dan de volgende properties op PROD en ACC nog kunnen aanpassen? *Datatypes aanpassen is blijkbaar echt een dingetje in wikibase. Ik heb geprobeerd als Admin, via de API of zelfs verwijderen, de counter terugzetten en opnieuw aanmaken met nieuw datatype werkt niet als er al statements met dit datatype bestaan.*
  - Number of foliums => quantity
  - Number of columns => quantity

Heb datatypes veranderd door te verwijderen, de counter te resetten naar het getal vóór het property ID en dan opnieuw aan te maken. Dat kan nog omdat er geen statements waren met deze properties. Op productie was er nog geen number of foliums, dus dat laat ik over aan Danielle.

Punten voor overleg Olaf - Danielle

- Komen alleen 'external identifiers' bij identifiers te staan? Olaf: zie ook https://phabricator.wikimedia.org/T310898: issue aanmaken (spike) en bepalen wát we willen
  - Over het clusteren van external IDs in een aparte sectie onderaan een P/Q-item, zie https://www.mediawiki.org/wiki/Wikibase/Installation/Advanced_configuration
- Gebruiken we retrieved en/of wijzigingsdatum?
- Standaardvolgorde van statements in Wikibase bepalen (MediaWiki:Wikibase-SortedProperties) - https://jira.kb.nl/browse/TLD-306
- Dropdown zoekvoorbeelden in Wikibase query service (TEST, ACC, PROD) kunnen vullen met eigen zoekvoorbeelden - https://jira.kb.nl/browse/BOUWKBGA-1613
- Indeling pagina's per naamruimte (Project:) - indeling Wikibase in 'voorkant' (voor eindgebruikers) en 'achterkant' (voor de KB)
- Laden van Qs per 'onderwerp'- eerst alle plaatsnamen, dan talen, dan alle uitgeverijen, dan alle personen, dan alle materialen --> per Q-blok een subissue aanmaken
- Welke taal gebruiken we standaard op de voor eindgebruikers bedoelde MediaWiki-pagina's (handleidingen etc): NL of EN? Handleidingen zijn nu ook in het NL, dus initele NLse inhoud is voorlopig nog meerst pragmatisch
- Customizen vormgeving Wikibase volgens KB-huisstijl (basaal) --> story aanmaken

KB-Centsprenten en middeleeuwse handschriften

KB

Speciale pagina

Alle pagina's (naamruimte Item)

Hoofdpagina
Recente wijzigingen
Willekeurige pagina
Hulp met MediaWiki

Hulpmiddelen
Speciale pagina's

Alle pagina's

Pagina's weergeven vanaf:

Pagina's weergeven tot:

Naamruimte: Item

Doorverwijzingen verbergen

OK

Volgende pagina (Q10308)

- Koninklijke Bibliotheek (Nederland) (Q1)
- materiaal (Q10)
- Geschiedenis van Guliver (Q100)
- De drie bruidegoms (Q1000)
- Den Haag, KB : 78 F 5, ff (Q10000)
- Den Haag, KB : 78 F 5, ff (Q10001)
- Den Haag, KB : 78 F 5, ff (Q10002)
- Den Haag, KB : 78 F 5, ff (Q10003)
- Den Haag, KB : 78 F 5, ff (Q10004)
- Den Haag, KB : 78 F 5, ff (Q10005)
- Den Haag, KB : 78 J 23, ff (Q10006)
- Den Haag, KB : 78 J 23, ff (Q10007)
- Den Haag, KB : 78 J 56, ff (Q10008)
- Den Haag, KB : 78 J 56, ff (Q10009)
- De ezel, de hond, de haan en de kat, of De Bremer stads muzikanten (Q1001)
- Den Haag, KB : 78 J 56, ff (Q10010)
- Den Haag, KB : 78 J 59, ff (Q10011)
- Den Haag, KB : 130 E 15, ff (Q10100)
- Den Haag, KB : 130 E 15, ff (Q10101)
- Den Haag, KB : 130 E 15, ff (Q10102)
- Den Haag, KB : 130 E 15, ff (Q10103)
- Den Haag, KB : 130 E 15, ff (Q10104)
- Den Haag, KB : 130 E 15, ff (Q10105)
- Den Haag, KB : 130 E 15, ff (Q10106)
- Den Haag, KB : 130 E 15, ff (Q10107)
- Den Haag, KB : 130 E 15, ff (Q10108)
- Den Haag, KB : 130 E 15, ff (Q10109)
- De model huisvader (Q1011)
- Den Haag, KB : 130 E 15, ff (Q10110)
- Den Haag, KB : 130 E 15, ff (Q10111)
- Den Haag, KB : 131 C 24, ff (Q10112)
- Den Haag, KB : 131 C 24, ff (Q10113)
- Den Haag, KB : 131 C 24, ff (Q10114)
- Den Haag, KB : 131 C 24, ff (Q10115)
- Den Haag, KB : KA 2, ff (Q10204)
- Den Haag, KB : KA 2, ff (Q10205)
- Den Haag, KB : KA 2, ff (Q10206)
- Den Haag, KB : KA 2, ff (Q10207)
- Den Haag, KB : KA 2, ff (Q10208)
- Den Haag, KB : KA 2, ff (Q10209)
- De duivel in de flesch (Q1021)
- Den Haag, KB : KA 2, ff (Q10210)
- Den Haag, KB : KA 2, ff (Q10211)
- Den Haag, KB : KA 2, ff (Q10212)
- Den Haag, KB : KA 3, ff (Q10213)
- Den Haag, KB : KA 3, ff (Q10214)
- Den Haag, KB : KA 3, ff (Q10215)
- Den Haag, KB : KA 3, ff (Q10216)
- Den Haag, KB : KA 3, ff (Q10217)
- Den Haag, KB : KA 3, ff (Q10218)
- Den Haag, KB : KA 3, ff (Q10219)

KB

Item | Overleg

Geschiedenis van Ezelshuid (Q1004)

geen beschrijving ingesteld

Taal	Label	Beschrijving
Nederlands	Geschiedenis van Ezelshuid	geen beschrijving ingesteld
Engels	Geschiedenis van Ezelshuid	geen beschrijving ingesteld

Verklaringen

is een	centsprent	
	wijzigingsdatum	2023-04-25T10:58:37Z (10:58:37 UTC 25th apri
	0 bronnen	
titel	Geschiedenis van Ezelshuid (Nederlands)	
	wijzigingsdatum	2023-04-25T10:58:37Z (10:58:37 UTC 25th apri
	0 bronnen	
taal	Nederlands	
	wijzigingsdatum	2023-04-25T10:58:37Z (10:58:37 UTC 25th apri
	0 bronnen	
genre	centsprent	
	wijzigingsdatum	2023-04-25T10:58:37Z (10:58:37 UTC 25th april 2023)
	0 bronnen	

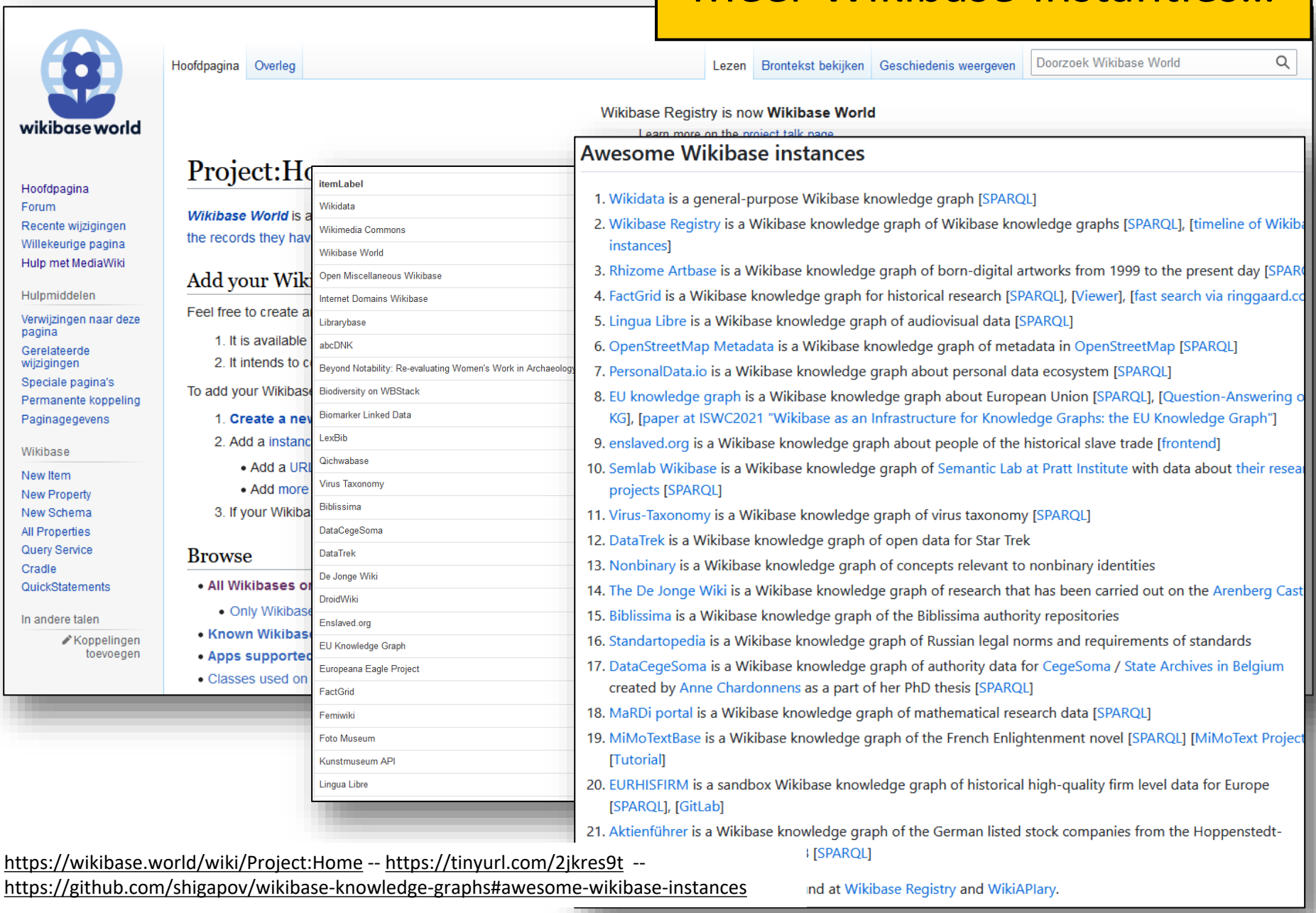
Hoofdpagina
Recente wijzigingen
Willekeurige pagina
Hulp met MediaWiki

Hulpmiddelen
Verwijzingen naar deze pagina
Gerelateerde wijzigingen
Speciale pagina's
Permanente koppeling
Paginagegevens
Concept-URI

In andere talen
Koppelingen toevoegen

nten en
handschriften

Meer Wikibase-instanties…

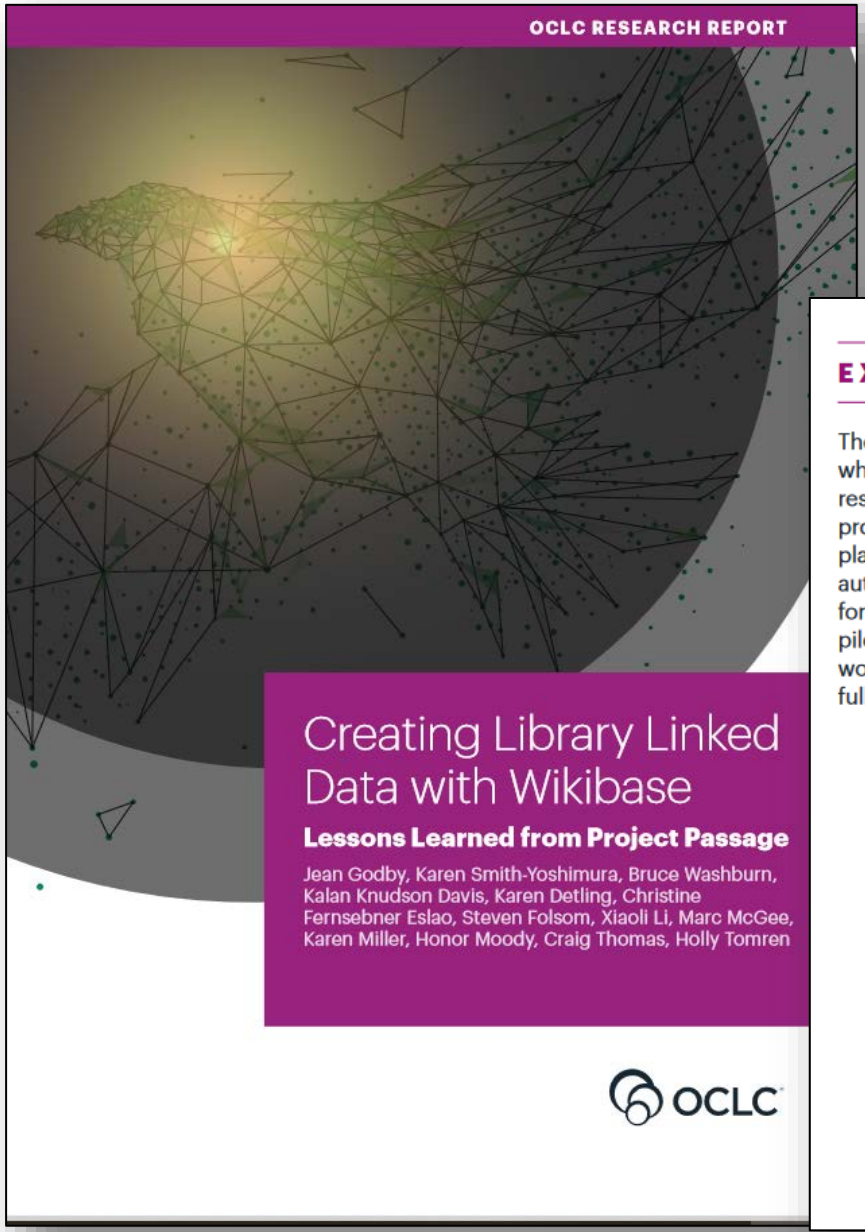


https://wikibase.world/wiki/Project:Home -- https://tinyurl.com/2jkres9t --
https://github.com/shigapov/wikibase-knowledge-graphs#awesome-wikibase-instances

Meerdere bibliotheken hebben pilots, experimenten en evaluaties met Wikibase gedaan.

Wat zijn hun bevindingen?

OCLC



EXECUTIVE SUMMARY

The OCLC Research linked data Wikibase prototype ("Project Passage") provided a sandbox in which librarians from 16 US institutions could experiment with creating linked data to describe resources—without requiring knowledge of the technical machinery of linked data. This report provides an overview of the context in which the prototype was developed, how the Wikibase platform was adapted for use by librarians, and eight use cases where pilot participants (co-authors of this report) describe their experience of creating metadata for resources in various formats and languages using the Wikibase editing interface. During the ten months of the pilot, the participants gained insight in both the potential of linked data in library cataloging workflows and the gaps that must be addressed before machine-readable semantic data can be fully adopted. Among the lessons learned:

- The building blocks of Wikibase can be used to create structured data with a precision that exceeds current library standards.
- The Wikibase platform enables user-driven ontology design but raises concerns about how to manage and maintain ontologies.
- The Wikibase platform, supplemented with OCLC's enhancements and stand-alone utilities, enables librarians to see the results of their effort in a discovery interface without leaving the metadata-creation workflow.
- Robust tools are required for local data management.
- To populate knowledge graphs with library metadata, tools that facilitate the import and enhancement of data created elsewhere are recommended.
- The pilot underscored the need for interoperability between data sources, both for ingest and export.
- The traditional distinction between authority and bibliographic data disappears in a Wikibase description.

https://www.oclc.org/content/dam/research/publications/2019/oclcresearch-creating-library-linked-data-with-wikibase-project-passage-a4.pdf

OCLC RESEARCH REPORT

Use cases for institutional Wikibase instances

May 2020

Developed informally by library staff at Columbia University, Harvard University, New York University, and the University of Pennsylvania

Primary contributors: Charlene Chou, Christine Fernsebner Eslao, Jim Hahn, Esther Jackson, Brian Luna Lucero, Timothy Ryan Mendenhall, Honor Moody, Alex Provo, Melanie Wacker, Alex Whelan. Additional input from: Nicky Agate, Diane Shaw, Marc McGee, and Jackie Shieh.

Note: this version of the use cases is closed. Please fork or download and contribute additional use cases!

SUMMARY

The past 15 years have witnessed the development of a number of initiatives, projects, and standards to move library, archives, and museum metadata and collections out of siloed, flat-file database structures and into a linked open data implementation more accessible to open web search. Despite the great deal of interest within the cultural heritage sphere, various roadblocks ranging from vast sets of legacy data, a highly complex and inconsistent metadata ecosystem, steep learning curves, and the lack of adequate systems and tools have prevented many cultural heritage institutions from moving fully into linked data production.

While this thumbnail assessment of linked data within the cultural heritage sphere may sound discouraging, over the past 8 years the Wikimedia community has developed Wikidata, a vast trove of linked data derived in part from Wikipedia, and the underlying Wikibase platform, which offers a viable interface for creating and publishing linked data that even linked data novices can easily learn. Unsurprisingly, many major players in cultural heritage have taken note, ranging from OCLC's Wikibase explorations [1] to adoption of Wikibase by the Bibliothèque Nationale de France [2] and the Deutsche Nationalbibliothek [3] for their authority datasets. Other cultural organizations like Rhizome, which supports born-digital arts, and projects like Europeana EAGLE [4] are building their databases entirely in Wikibase [5]. In turn, the Wikimedia community is responding by developing a model for federated Wikibase instances, which can serve local needs while easily tapping into the power of the vast Wikimedia metadata ecosystem. Google has taken note--the community-curated linked open data of

Bibliotheken VS

https://github.com/timothy-mendenhall/wikibase-use-cases/blob/master/UseCases-2020.md

DNB

Blog / 2019 / mei / 8

"GND meets Wikibase" - Eine Kooperation

Gemaakt door Fischer, Barbara, laatste wijziging op 2019-05-20

Eine Bundesbehörde geht auf Expedition im Wikiversum

Ein neues Testfeld für Wikibase

Ein Gemeinschaftswerk von @Ohlig, Jens (WMDE) und @Fischer, Barbara (DNB)

Finden, wonach man sucht - Find what you're l

Die Deutsche Nationalbibliothek und Wikimedia Deutschland e.V. gehen zusammen neue Wege. Jahrelang haben Freiwillige der Wikipedia geholfen, Einträge der deutschen Nationalbibliographie mit Wikipedia-Einträgen zu verknüpfen und dabei auch Fehler korrigiert. Jetzt haben die beiden Einrichtungen vereinbart, gemeinsam die Potenziale von Wikibase, der Software mit der die freie Datenbank Wikidata betrieben wird, für den Einsatz in der größten Normdatenbank für Kulturdaten im deutschsprachigen Raum, der Gemeinsamen Normdatei (GND), intensiv zu testen. Die

the Wikimedia community is responding by developin

https://wiki.dnb.de/pages/viewpage.action?pageId=147754828
https://wiki.dnb.de/pages/viewpage.action?pageId=167019461

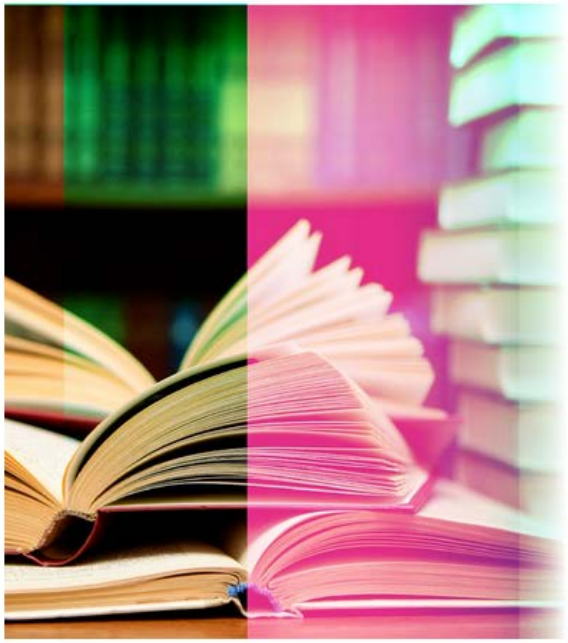
Blog / 2020 / maart / 7

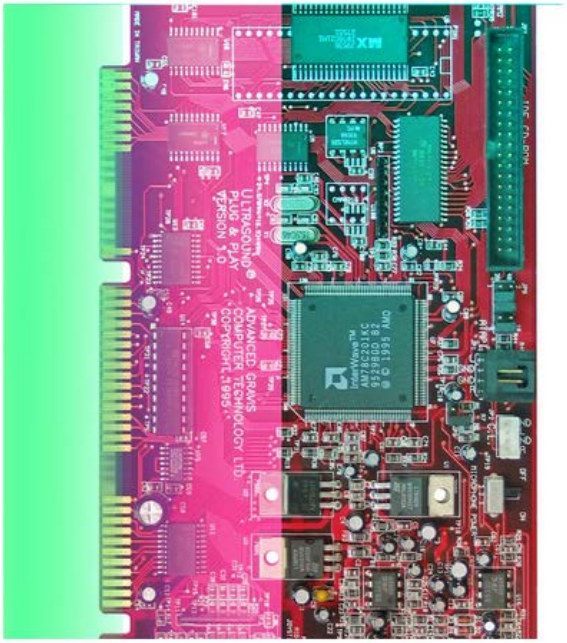
Report "GND meets Wikibase" 2

Gemaakt door Fischer, Barbara op 2020-03-07

Barbara K Fischer, Deutsche Nationalbibliothek, AfS

Jens Ohlig, Wikimedia Deutschland e.V.





credit image: Wikimedia Deutschland CC BY SA

complete record: Das vorliegende Werk ist eine Bearbeitung der Werke „Books HD" von Abhi Sharma, lizenziert unter CC BY 2.0 und "Gravis UltraSound PnP Pro V1.0" von TMg, lizenziert unter CC BY-SA 2.0 DE, bearbeitet in Hinblick auf Überblenden der beiden Werke sowie anschließende Farbanpassung durch Matthias Wörle, lizenziert unter CC BY-SA 4.0.

Kann man Normdaten wikifizieren?

Wikibase wurde für die Gemeinsame Normdatei (GND) evaluiert

Could you wikify an authority file?

Wikibase has been evaluated for the Integrated Authority File (GND)

Wikibase for Cultural Heritage and Academia

DBN/BnF

Perceived pros and cons of Wikibase as a solution

We like a lot..

SEMIC 2020

- Technical architecture
  - Open source software
  - Easy to install, scalable architecture
  - Lots of APIs, extensions, libraries and tools - Wikidata related
- Standards and industry best practices
  - Based on semantic web standards
  - Flexible, granular entity-relationship data model
  - Every statement allows its own reference
  - Interoperable with Wikidata
- Functionality
  - Devised for collaborative structured data creation and curation
  - Easy to create items, properties, qualifiers and roles for contributors
  - Easy to track record history and transparent recording of contributions
  - Favors multilingualism
- Product strategy and roadmap
  - Growing interest on Wikibase among GLAM and Academia
  - Growing interest for GLAM and Academia from Wikimedia
  - WMDE-inter
  - Financial ind of Wikibase)
- Community-bu
  - Strong comm promise of c
  - Contribute d
  - The perspec authority file scratch toge
  - The chance c largest and f data, Wikida

We keep a eye on...

SEMIC 202

- Technical architecture
  - Technology stack and ecosystem quite complex for new adopters
  - It still is an extension to Mediawiki and might benefit from a more independent and modern architecture
- Functionality
  - Gaps between specific needs of our institutions and solutions offered by Wikibase
  - Rather basic features for bulk import and export of data
- Product strategy and roadmap
  - For now very much focused on the requirements of Wikidata
  - Governance model around Wikibase (e.g. release management, documentation, code contributions, ...) currently under development
  - We are dependent on Wikibase developments (core functionalities)
- Community expectations
  - Lacking IT personnel to fulfil the requirements of the institutions trained in Wikibase (Mediawiki)
  - Small niche market of experts, solicited by multiple projects
  - A Wikibase community based on the reputation of individuals being reserved towards contributions by corporations
  - Difficulties of matching the community based mind set of the Wikimedia movement to the mind set of institutions
  - Too high expectations on Wikibase to fulfil the hope of a community driven semantic web in too little time

https://joinup.ec.europa.eu/sites/default/files/custom-page/attachment/2020-11/Parallel-track-4_B-Fischer_J-Thill_A-Angjeli%20final%20ppt.pdf

TIB/NFDI (Duitsland)

TIB BLOG

Examining Wikidata and Wikibase in the context of research data management applications

Veröffentlicht am 16. März 2022 von Lozana Rossenova

For several months now, our team at the Open Science Lab has beer
data management services for the NFDI4Culture community. We hav
comes to real world data with a specific use case for architectural and
NFDI InfraTalk last week, there was an interesting question at the end
Wikidata to be used as an application for science and research. We ta
answer to this question with some more details about *Wikidata*, its po
Wikibase instances, and what *Wikibase* can offer in its own right.

A look at Wikidata's past and present

Wikidata was released in 2012 and originally intended to help with ve
resolve redundancy and duplication across multi-lingual articles, and
now ubiquitous across Wikipedia pages. Wikidata is distinct from its s
stores structured data and makes that data accessible via a SPARQL
over a billion statements and 97 million items on subjects across a va
the power of a centralised *and* distributed approach [3] – a vast amou
central endpoint in a standardised linked open data (LOD) format, all
all that information is crowdsourced through collaborative editing effor

TIB BLOG

Wikidata and Wikibase as complementary research services for cultural heritage data

Veröffentlicht am 17. März 2022 von Paul Duchesne

*This is the second instalment of a 2-part blog post regarding the use of Wikidata and Wikibase as research infrastructure. You can read the **first part here.***

Having previously introduced differences between Wikidata and individual Wikibases it is worth delving into the relative strengths and weaknesses of each system, and presenting a hybrid model for how they may be used cooperatively as an integrated ecosystem.

The primary strength of Wikidata is currently its size, both in relation to coverage of subject area and also the sheer number of data points. The fact that it exists at all feels somewhat miraculous, leading to the Wikimedia observation that it "*only works in practice. It could never work in theory*".

This growth has been enabled by providing a relatively low barrier of entry for involvement, with no impediment to anyone with internet access having the ability to edit production data [1]. This lack of limitation is not only applied to human users, as there are many resources for setting up discrete editing "bots" which amend data based on

https://blogs.tib.eu/wp/tib/2022/03/16/examining-wikidata-and-wikibase-in-the-context-of-research-data-management-applications/ -- https://www.youtube.com/watch?v=RPMkuDxHJtI -- https://blogs.tib.eu/wp/tib/2022/03/17/wikidata-and-wikibase-as-complementary-research-services-for-cultural-heritage-data/

TIB/NFDI (Duitsland)

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March 15, 2023

Dataset Open Access

Linked Open Data Management Services: A Comparison

Nasarek, Robert; Rossenova, Lozana

Data curator(s)

Duchesne, Paul; Fichtner, Mark; Freyberg, Linda; Hauschke, Christian; Jusevičius, Martynas; Klic, Lucas; Kräutli, Florian; Kuckartz, Andreas; Nanni, Giacomo; Nasarek, Robert; Rossenova, Lozana; Schepp, Moritz; Sohmen, Lucia; Wübbena, Thorsten

Thanks to a variety of software services, it has never been easier to produce, manage and publish Linked Open Data. But until now, there has been a lack of an accessible overview to help researchers make the
dataset release will be regularly updated to reflect the latest data published in a compar
Sheets [1]. The comparison table includes the most commonly used LOD management
to illustrate what functionalities and features a service should offer for the long-term ma
including:

- ConedaKOR
- LinkedDataHub
- Metaphacts
- Omeka S
- ResearchSpace
- Vitro
- Wikibase
- WissKI

The table presents two views based on a comparison system of categories developed i
expert users and developers from the respective tool communities. First, a short overvie
controlled vocabularies and multiple-choice options; and a second sheet allowing for m
The table and corresponding dataset releases for each view mode are designed to prov
evaluation when deciding on a LOD management service. The Google Sheet table will re

lodms-comparison

File Edit View Insert Format Data Tools Extensions Help

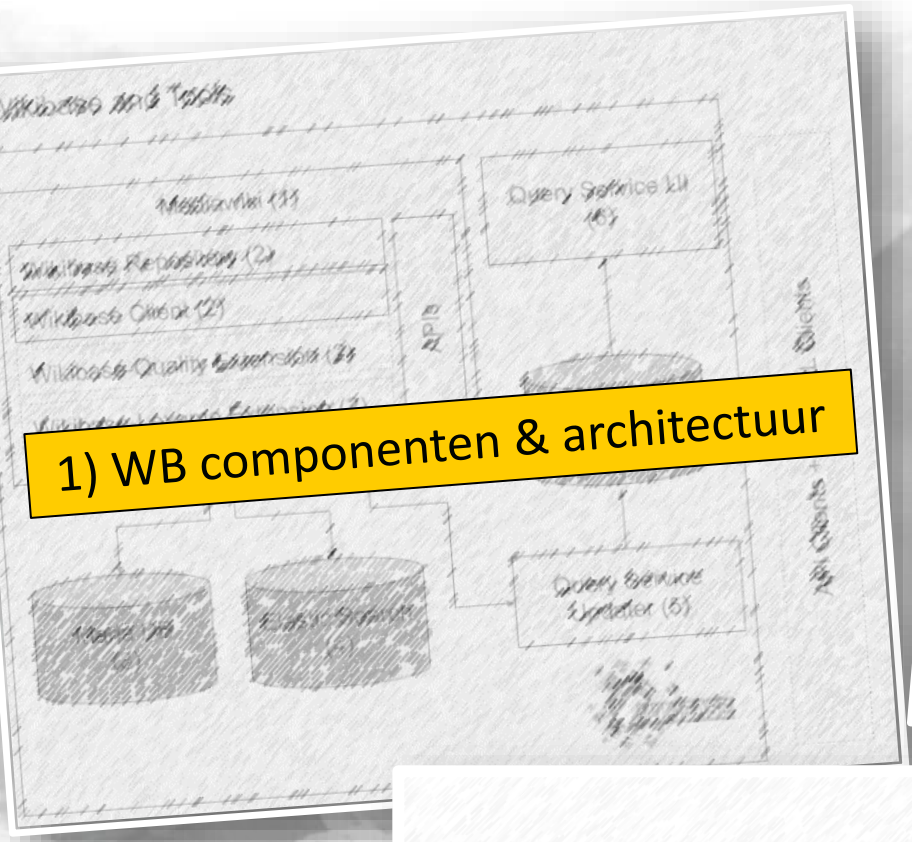
100% View only

#	Main Category	Sub Category	ConedaKOR	LinkedDataHub	Metaphacts Community
1	Official website		https://github.com/coneda/kor	https://atomgraph.github.io/LinkedDataHub/	https://blitzbucket.org/metaphacts/mel
2	License		AGPL 3.0	https://www.apache.org/licenses/LICENSE-2.0	LGPL 2.1 + Commons Clause
3	Source code availability		Available	Available	Available
4	Community maturity		Mature	Emerging	Fledgling
5	Statistics (with time stamp)		2022-07-11: 2516 commits, 23 stars, 7 forks	4300+ commits. 327 stars, 75 forks (July 2022)	
6	Payment models		Free	Free	Free
7	Maintainer		IEG Mainz, DFK Paris, Wendig OU	AtomGraph	Metaphacts
8	Documentation		Sufficient	Sufficient	Sufficient
9	Infrastructure stack	Framework	ruby on rails + rotis	Jersey + Jena + Saxon-HE + Saxon-JS (Java)	Java + React
		Webserver	any RACK-compatible server, also built-in	Apache Tomcat 9.x	Jetty
		Database	MariaDB/MySQL		
		Triplestore	MariaDB/MySQL, Neo4j (optional)	Jena Fuseki 2 (or any SPARQL 1.1 compatible)	Blazegraph (or any SPARQL 1.1 com
		Search	ElasticSearch	SPARQL regex()	Solr (through Blazegraph)
		Image server			
		3D Viewer			
		Containerization	Docker / Docker-Compose	Docker-compose	Docker / Docker-Compose
		Other (please add)		AWS CloudFormation	
10	APIs	RESTful	☑	☑	☑
		SPARQL	☐	☑	☑
		MediaWiki HTTP	☐	☐	☐
		GraphQL	☐	☐	☐
		SQL	☑	☐	☐
		Other (please add)	OAI-PMH	SPARQL 1.1 Graph Store Protocol	SPARQL 1.1 Graph Store Protocol
11	API usability level		Well documented	Well documented	Little or self documentation
12	SPARQL Endpoint usability level			Availability of graphical user interfaces, examples and documentation	Availability of graphical user interf
13	Reification		Yes	No	No
14	Reasoning operations via the triplestore endpoint			Yes	
15	Method for ontology definition		Hybrid	Hybrid	Through import
16	Ontology constraints		None	Based on semantically defined rules	None

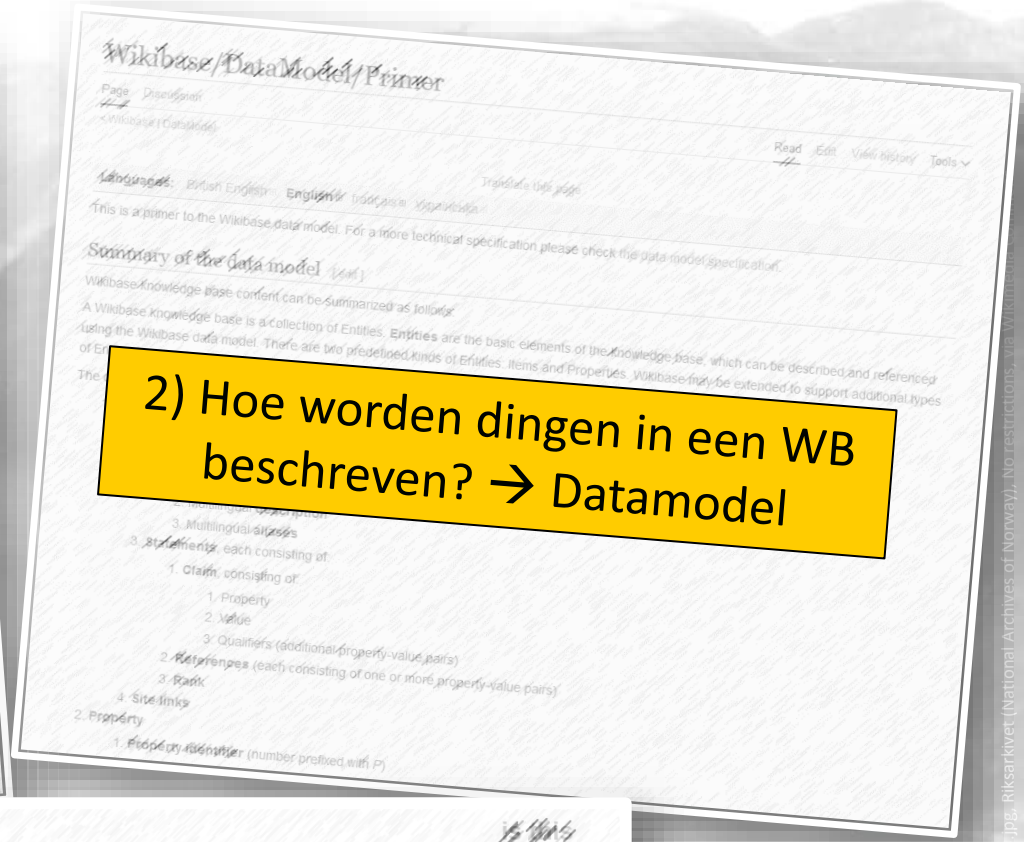
https://zenodo.org/record/7738424
http://docs.google.com/spreadsheets/d/1FNU8857JwUNFXmXAW16lgpjLq5TkgBUuafqZF-yo8_I/edit?usp=share_link

WIKIBASE
Even de diepte in....
https://commons.wikimedia.org/wiki/File:Preikestolen_3.jpg. Riksarkivet (National Archives of Norway), No restrictions, via Wikimedia Commons

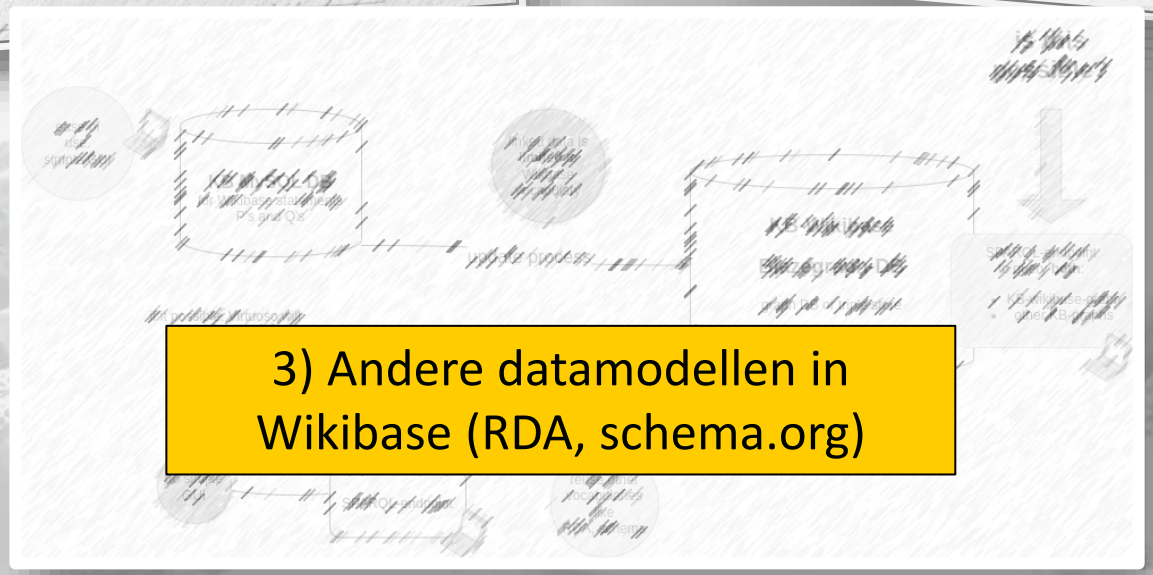
Hoe zit een Wikibase in elkaar?



1) WB componenten & architectuur

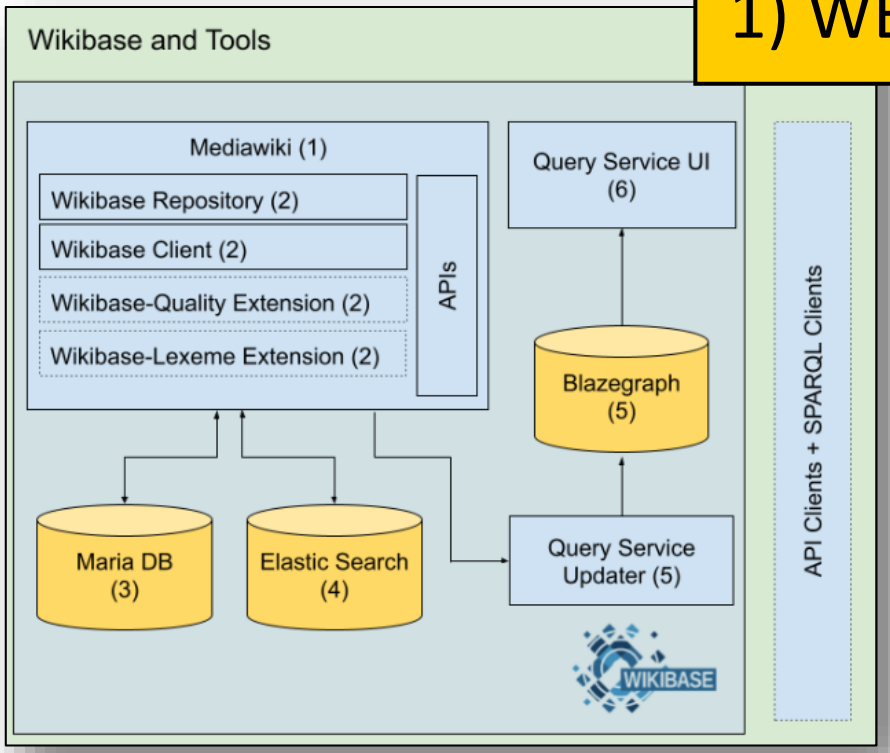


2) Hoe worden dingen in een WB beschreven? → Datamodel



3) Andere datamodellen in Wikibase (RDA, schema.org)

1) WB componenten & architectuur



- **MariaDB = relationale MySQL DB**
- **BlazeGraph = RDF triple store**
- **Query service UI = SPARQL**

Diefenbach et al (2021), "Wikibase as an Infrastructure for Knowledge Graphs: the EU Knowledge Graph" - https://hal.science/hal-03353225/document

– MediaWiki, a wiki engine that is mainly known as the software running Wikipedia. MediaWiki started in 2002 and is continuously developed by the Wikimedia Foundation. It is mainly written in PHP and there is a vibrant ecosystem of extensions around it, i.e. components that allow the customization of how a MediaWiki installation looks and works. Today, there are more than 1 800 extensions available.

– Wikibase itself includes several of these extensions. The main extensions are the Wikibase Repository[18] and the Wikibase Client.[19] While MediaWiki was originally designed to store unstructured data, the Wikibase extensions modify it for use as a structured data repository and improve the user-friendliness of its interface. There are two more extensions that play an important role in Wikidata but which are not included in the Wikibase Docker file: the Wikibase Quality Extension[20] and the Wikibase Lexemes extension.[21] The first was designed to enable Wikibase users to define ontological constraints and detect if they are not respected at the data level. This includes, for example, the definition of domain and range constraints. The goal of the second extension is to allow the modeling of lexical entities such as words and phrases. The first extension is very useful for managing knowledge graphs and is used in the EU Knowledge Graph. The Lexemes extension, on the other hand, is not used. All these extensions are developed and maintained by WMDE and written in PHP.

– All the data is stored natively in a MariaDB[22] relational database. This includes the user management, permission management, the full log of the change history, the pages, and more.[23] The above-mentioned extensions also store data in this database, including the item list, the properties, and the changes.[24]

– The core Wikibase infrastructure includes an Elasticsearch instance. This instance is responsible for the "search-as-you-type" completion that is used to search and edit the data. Moreover, it is used for full-text search over all labels and descriptions.

– While the data is stored in a relational database, it is also exported into a triplestore which is a Blazegraph derivative maintained by the Wikimedia Foundation. Wikibase does not only provide the triplestore but tightly integrates it into the rest of the infrastructure so that changes in the relational database are directly reflected in the triplestore. A process called updater monitors the changes and reflects them in the triplestore at an interval of 10 seconds.

– The final Wikibase component is the SPARQL user interface. This offers a

WB architecture documentation

Wikibase Architecture Documentation

Architecture Overview
- Wikibase Systems
- Other components
- Contributing

Wikibase Introduction

Architecture Constraints

Context and Scope

Crosscutting Concepts

Glossary

Contributing

Decisions

Architecture Overview

Welcome to the **Wikidata & Wikibase architecture documentation**.
The canonical place to read these docs is on Github Pages .

Here you will find a high level overview of Wikibase, its surrounding systems, and some details relating to specific cases and deployments such as Wikidata.

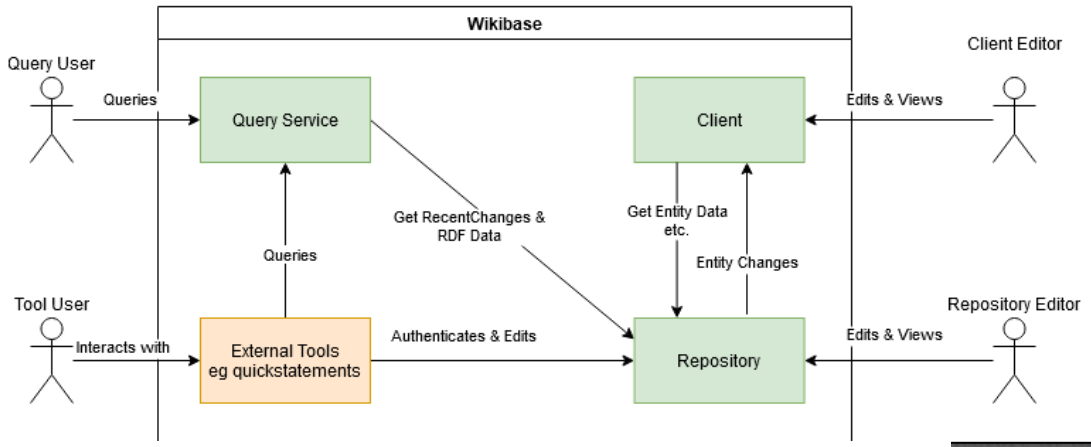
Systems are documented using arc42 structured templates.
You can read more about this method at docs.arc42.org .

Wikibase Systems

Wikibase has expanded far beyond the initial MediaWiki extension that was created called `Wikibase` .

Multiple other MediaWiki extensions, and other surrounding systems now make up part of the Wikibase system landscape.

To simplify things the whole system is represented as Repository, Query Service and Client.



https://wmde.github.io/wikidata-wikibase-architecture/

2) Wikibase datamodel

Hoe worden dingen in een Wikibase beschreven?

Wikibase datamodel (simpel)

Wikibase/DataModel/Primer

Page Discussion

< Wikibase | DataModel

Translate this page

Languages: British English **English** français українська

This is a primer to the Wikibase data model. For a more technical specification please check the data model specification.

Summary of the data model [edit]

Wikibase knowledge base content can be summarized as follows:

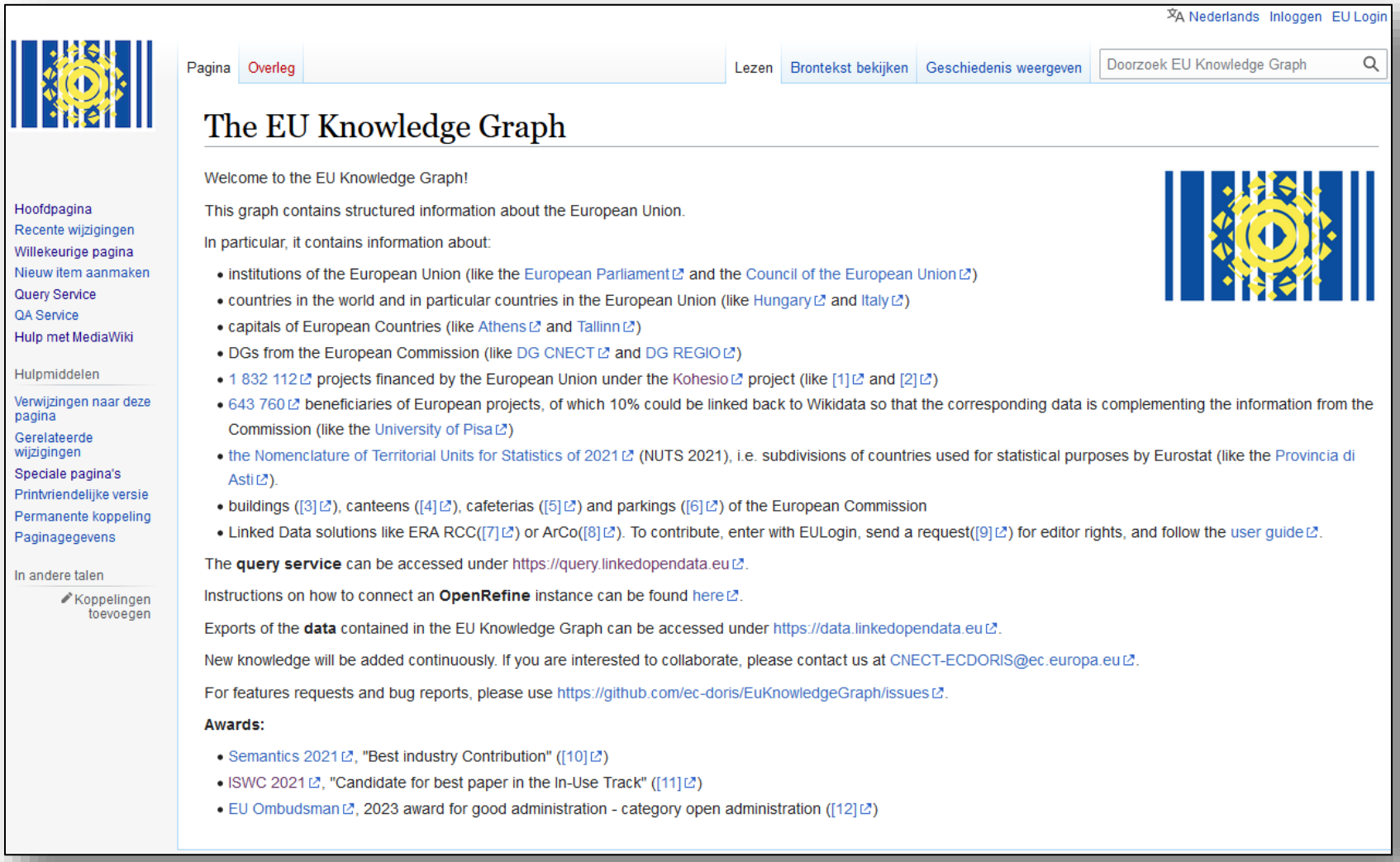
A Wikibase knowledge base is a collection of Entities. **Entities** are the basic elements of the knowledge base, which can be described and referenced using the Wikibase data model. There are two predefined kinds of Entities: Items and Properties. Wikibase may be extended to support additional types of Entities.

The description of Items and Properties are structured as follows.

1. **Item**
    1. **Item identifier** (number prefixed with *Q*)
    2. **Fingerprint**, consisting of:
        1. Multilingual **label***
        2. Multilingual **description***
        3. Multilingual **aliases**
    3. **Statements**, each consisting of:
        1. **Claim**, consisting of:
            1. Property
            2. Value
            3. Qualifiers (additional property-value pairs)
        2. **References** (each consisting of one or more property-value pairs)
        3. **Rank**
    4. **Site links**
2. **Property**
    1. **Property identifier** (number prefixed with *P*)

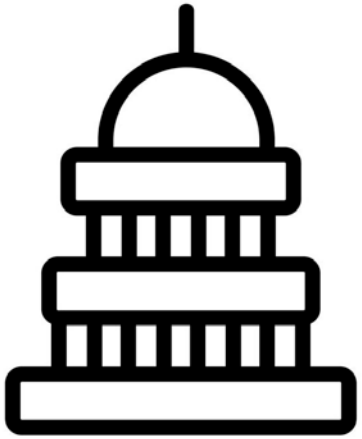
https://www.mediawiki.org/wiki/Wikibase/DataModel/Primer

Amsterdam in de EU Knowlegde Graph



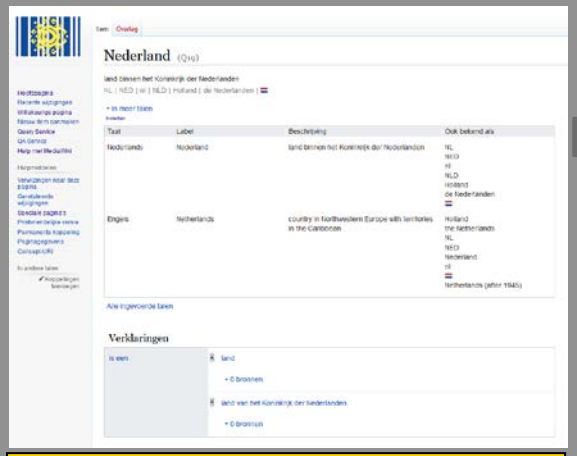
https://linkedopendata.eu/wiki/The_EU_Knowledge_Graph

“Amsterdam is de hoofdstad van Nederland”

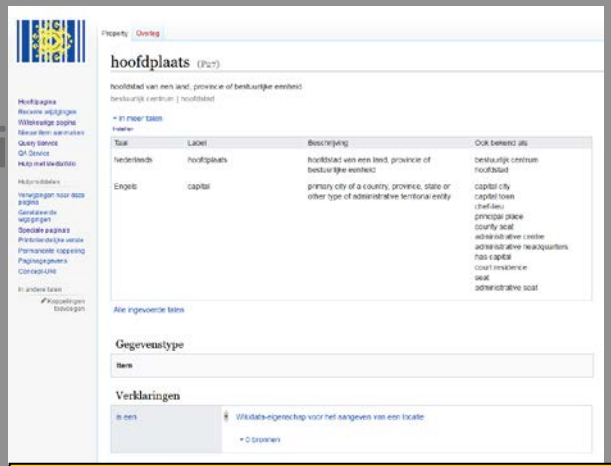


Item: *Nederland* Eigenschap: *Hoofdstad* Waarde: *Amsterdam*

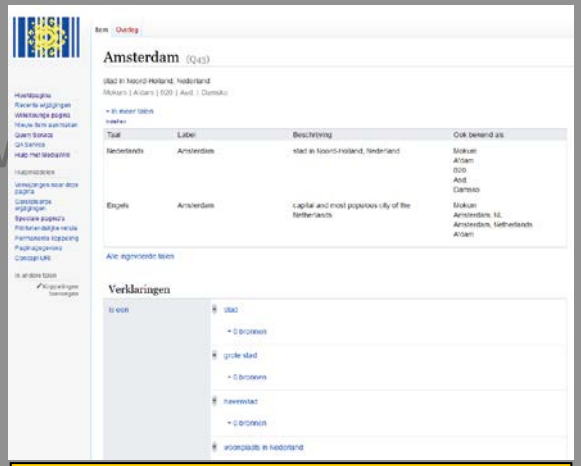
Triple



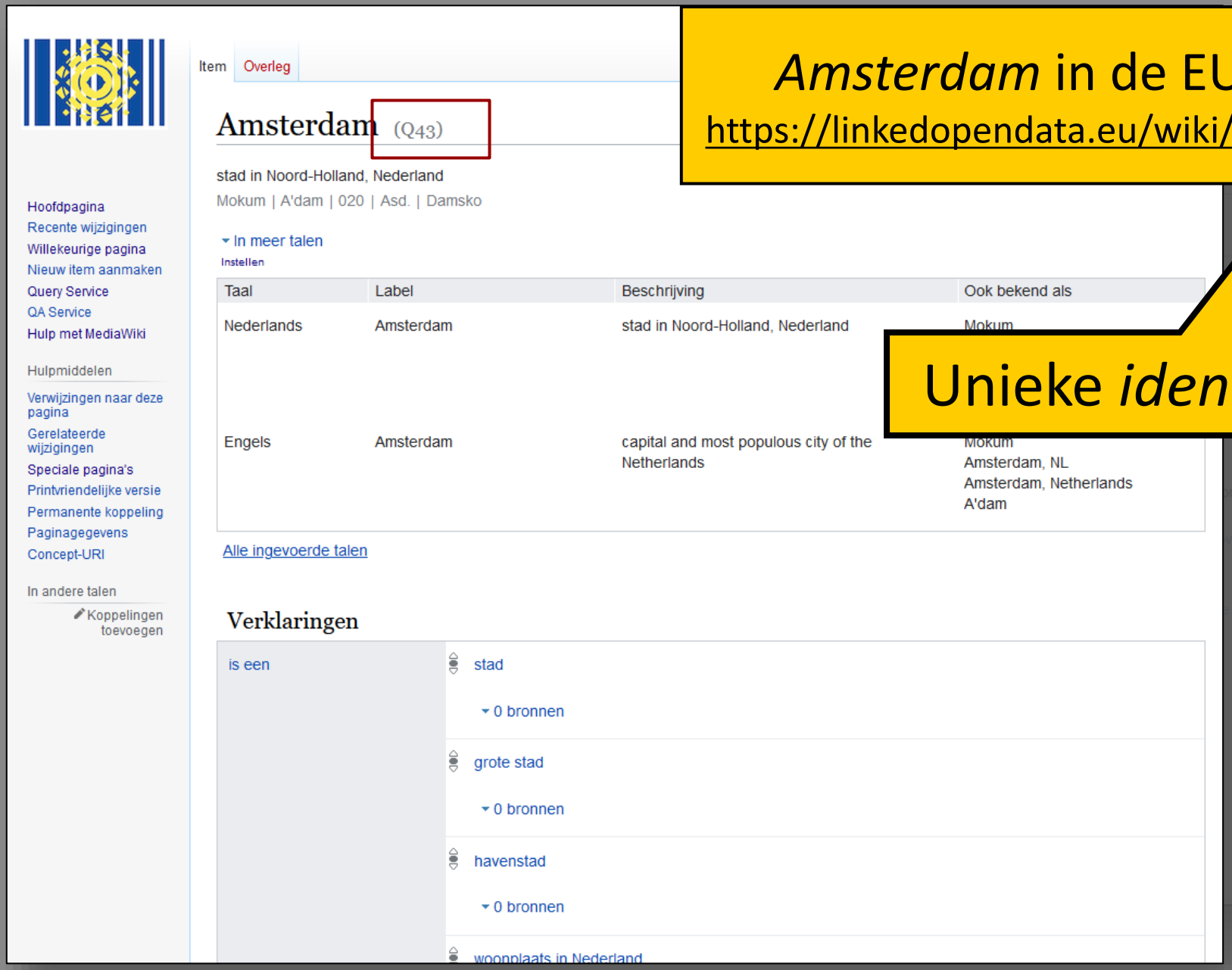
https://linkedopendata.eu/wiki/**Item:Q19**



https://linkedopendata.eu/wiki/**Property:P27**



https://linkedopendata.eu/wiki/**Item:Q43**

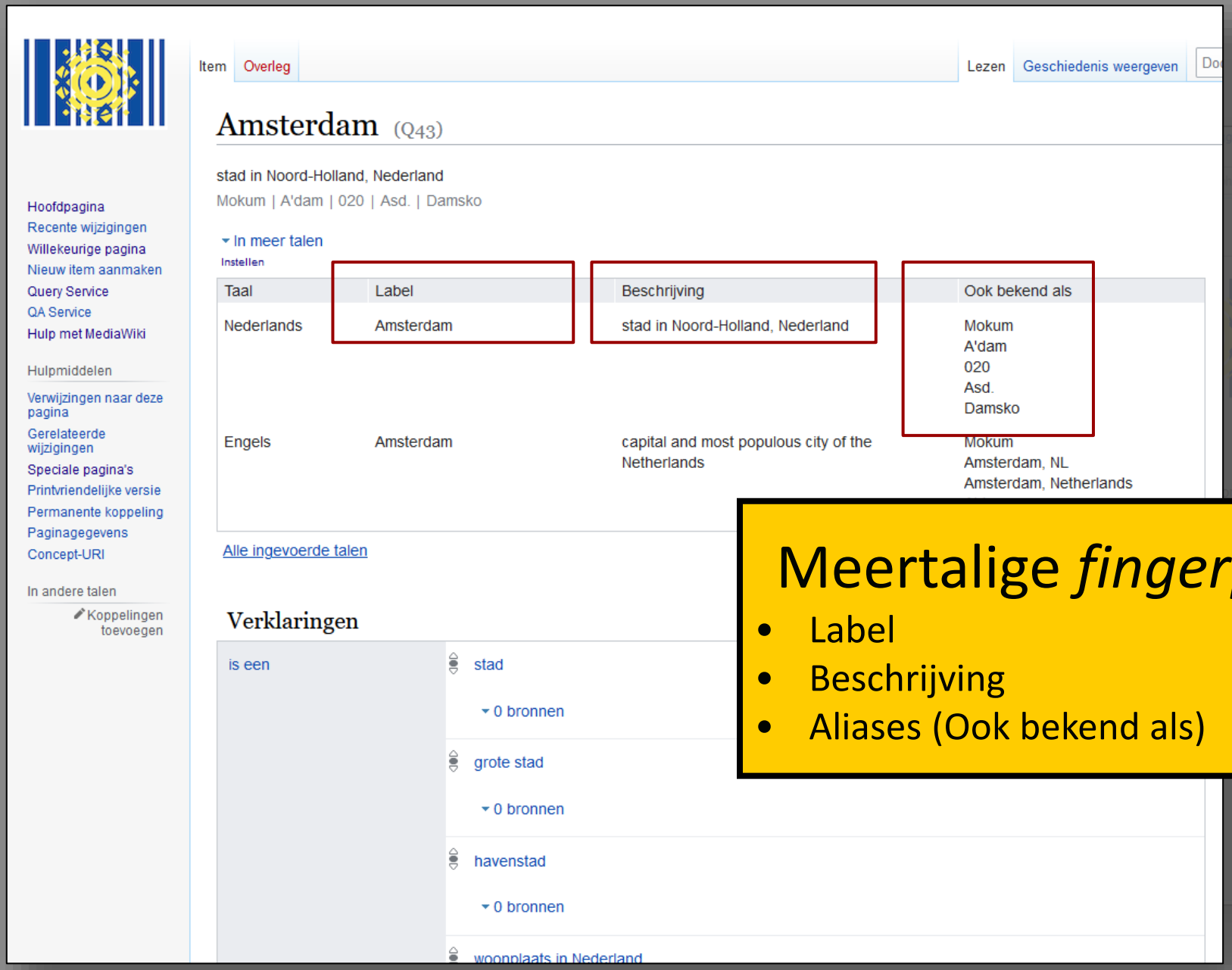


Amsterdam in de EU KG

https://linkedopendata.eu/wiki/Item:Q43

Unieke *identifier*

https://linkedopendata.eu/wiki/Item:Q43



Meertalige *fingerprint*

- Label
- Beschrijving
- Aliases (Ook bekend als)

https://linkedopendata.eu/wiki/Item:Q43

is een

grote stad

0 bronnen

havenstad

0 bronnen

woonplaats in Nederland

0 bronnen

plaats met stadsrechten

begindatum

Statement

Q19

land

P32

Nederland

einddatum 19 mei 1940

3 bronnen

archINFORM-identificatiecode voor 1292

vermeld in archINFORM

geraadpleegd op 6 aug 2018

Verenigd Koninkrijk der Nederlanden

begindatum 16 mrt 1815 *Gregoriaans*

einddatum 18 apr 1839 *Gregoriaans*

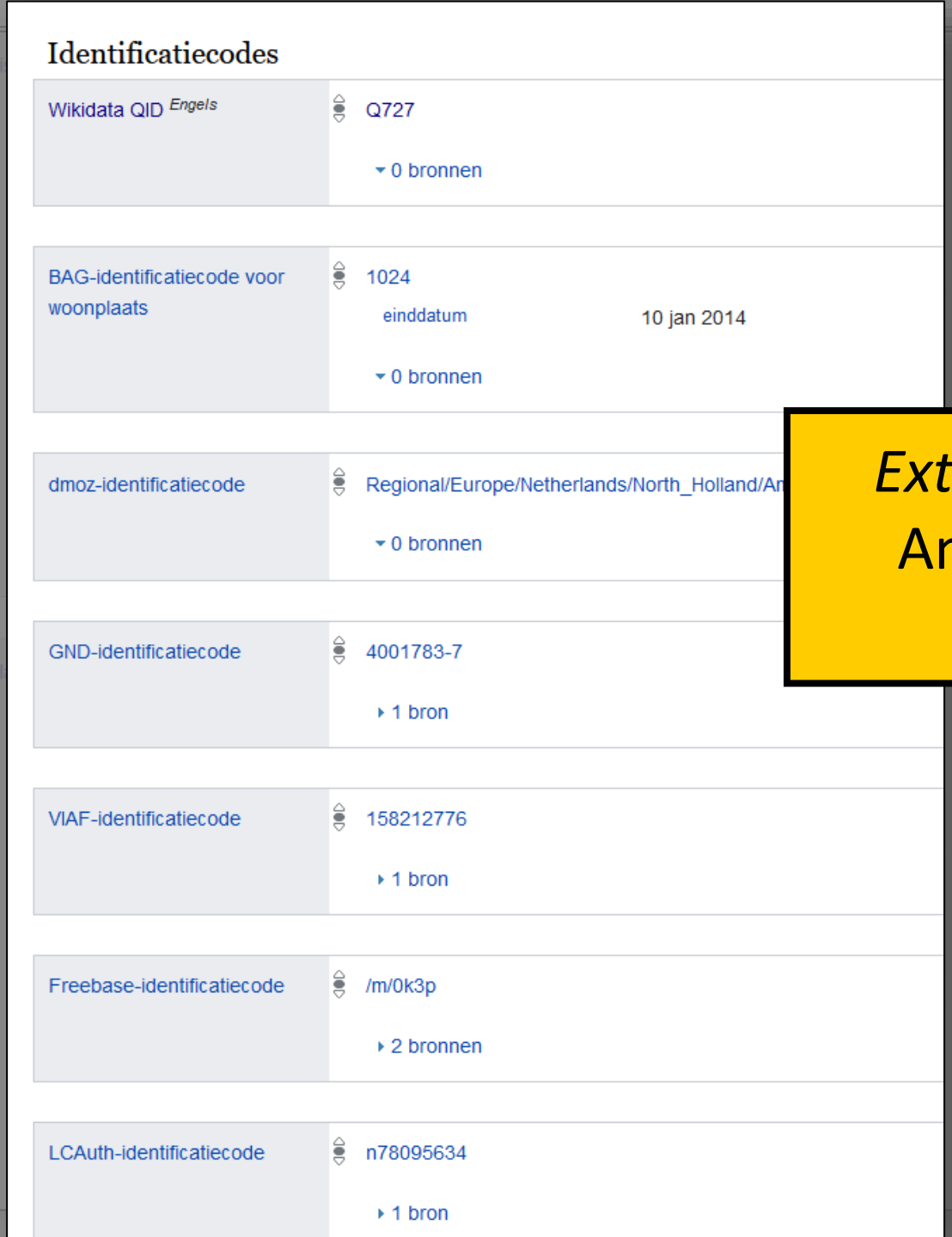
0 bronnen

is een	grote stad	
	▾ 0 bronnen	
	havenstad	
	▾ 0 bronnen	
	woonplaats in Nederland	
	▾ 0 bronnen	
	plaats met stadsrechten	
	begindatum	1342 *Gregoriaans*
	▾ 0 bronnen	
land	Nederland	
	einddatum	19 mei 1940
	▾ 3 bronnen	
	archINFORM-identificatiecode voor	1292
	vermeld in	archINFORM
	geraadpleegd op	6 aug 2018
	Verenigd Koninkrijk der Nederlanden	
	begindatum	16 mrt 1815 *Gregoriaans*
	einddatum	18 apr 1839 *Gregoriaans*
	▾ 0 bronnen	

Qualifier

is een	grote stad
	0 bronnen
	havenstad
	0 bronnen
	woonplaats in Nederland
	0 bronnen
	plaats met stadsrechten
	begindatum 1342 *Gregoriaans*
	0 bronnen
land	Nederland
	einddatum 19 mei 1940
	3 bronnen
	archINFORM-identificatiecode voor 1292
	vermeld in archINFORM
	geraadpleegd op 6 aug 2018
	Verenigd Koninkrijk der Nederlanden
	begindatum 16 mrt 1815 *Gregoriaans*
	einddatum 18 apr 1839 *Gregoriaans*
	0 bronnen

Bronvermelding



Externe identifiers (P's): Amsterdam in andere databases

Versiegeschiedenis

Identificatiecodes

Wikidata QID Engels Q727

Amsterdam (Q43): versiegeschiedenis

Logboek voor deze pagina bekijken

Naar versies zoeken

Selectie voor verschillen: selecteer de te vergelijken versies en toets ENTER of de knop onderaan.

Verklaring afkortingen: **(huidig)** = verschil met huidige versie, **(vorige)** = verschil met voorgaande versie, **k** = kleine wijziging.

(nieuwste | oudste) (50 nieuwere | 50 oudere) (20 | 50 | 100 | 250 | 500) bekijken.

Geselecteerde versies vergelijken

- (huidig | vorige) 27 aug 2023 10:59 WikidataUpdater (overleg | bijdragen) . . (181.327 bytes) (+82) . . *(Changed label, description and/or aliases in sl: The description in Wikidata changed)*
- (huidig | vorige) 19 jun 2023 11:24 WikidataUpdater (overleg | bijdragen) . . (181.245 bytes) (−406) . . *(Verklaring verwijderd: is een (P35): locatie (Q237656), Removing this statements since they c*
- (huidig | vorige) 10 jun 2023 21:06 WikidataUpdater (overleg | bijdragen) . . (181.651 bytes) **(−831)** . . *(Verklaring verwijderd: afbeelding (P147): Amsterdam with North Sea Canal by Sentinel-2, 20 in Wikidata)*
- (huidig | vorige) 3 jun 2023 03:41 WikidataUpdater (overleg | bijdragen) . . (182.482 bytes) **(−2.057)** . . *(Verklaringen verwijderd: Removing this statements since they changed in Wikidata)*
- (huidig | vorige) 3 jun 2023 03:40 WikidataUpdater (overleg | bijdragen) . . (184.539 bytes) (−2) . . *(Changed label, description and/or aliases in nl: The description in Wikidata changed)*
- (huidig | vorige) 4 apr 2023 03:10 WikidataUpdater (overleg | bijdragen) . . (184.541 bytes) (−340) . . *(Verklaring verwijderd: Great Russian Encyclopedia-identificatiecode (P134): 1819093, Remo*
- (huidig | vorige) 4 apr 2023 03:09 WikidataUpdater (overleg | bijdragen) . . (184.881 bytes) (−10) . . *(Changed label, description and/or aliases in hu: The description in Wikidata changed)*
- (huidig | vorige) 5 mrt 2023 08:28 WikidataUpdater (overleg | bijdragen) . . (184.891 bytes) **(−686)** . . *(Verklaring verwijderd: beschreven door bron (P111): The Nuttall Encyclopædia (Q1277), Remo*
- (huidig | vorige) 5 mrt 2023 08:27 WikidataUpdater (overleg | bijdragen) . . (185.577 bytes) (−52) . . *(Changed label, description and/or aliases in nl: The description in Wikidata changed)*
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- (huidig | vorige) 30 jan 2023 12:04 WikidataUpdater (overleg | bijdragen) . . (187.468 bytes) (−339) . . *(Verklaring verwijderd: NKC-identificatiecode (P60): ge128661, Removing this statements sir*
- (huidig | vorige) 11 jan 2023 10:21 WikidataUpdater (overleg | bijdragen) . . (187.807 bytes) (+54) . . *(Changed label, description and/or aliases in nl: The description in Wikidata changed)*
- (huidig | vorige) 9 jan 2023 06:15 WikidataUpdater (overleg | bijdragen) . . (187.753 bytes) (+11) . . *(Changed label, description and/or aliases in nl: The description in Wikidata changed)*
- (huidig | vorige) 8 jan 2023 19:14 WikidataUpdater (overleg | bijdragen) . . (187.742 bytes) **(−2.588)** . . *(Verklaringen verwijderd: Removing this statements since they changed in Wikidata)*
- (huidig | vorige) 8 jan 2023 19:14 WikidataUpdater (overleg | bijdragen) . . (190.330 bytes) (+88) . . *(Changed label, description and/or aliases in mt: The description in Wikidata changed)*
- (huidig | vorige) 3 dec 2022 03:56 WikidataUpdater (overleg | bijdragen) . . (190.242 bytes) **(−940)** . . *(Verklaring verwijderd: geografische locatie (P127): 52°23'N, 4°54'E, Removing this statemen*
- (huidig | vorige) 27 nov 2022 21:55 WikidataUpdater (overleg | bijdragen) . . (191.182 bytes) (−17) . . *(Changed label, description and/or aliases in de: The description in Wikidata changed)*
- (huidig | vorige) 12 nov 2022 22:46 WikidataUpdater (overleg | bijdragen) . . (191.199 bytes) (+126) . . *(Changed label, description and/or aliases in pt: Aliases in wikidata changed)*
- (huidig | vorige) 20 okt 2022 09:11 WikidataUpdater (overleg | bijdragen) . . (191.073 bytes) (+81) . . *(Changed label, description and/or aliases in hr: The description in Wikidata changed)*
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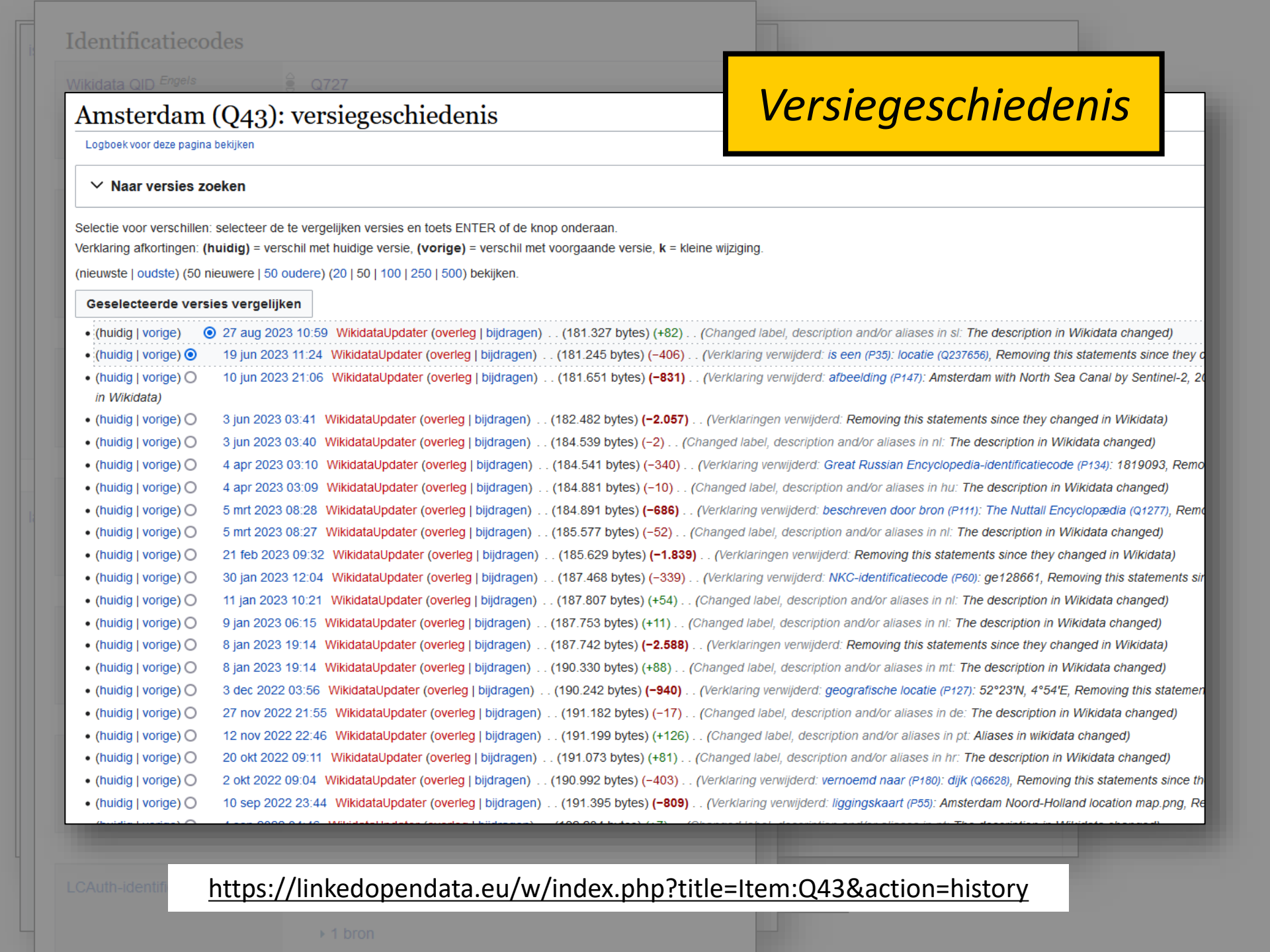
LCAuth-identifi

1 bron



https://linkedopendata.eu/w/index.php?title=Item:Q43&action=history

Wikibase datamodel (conceptueel)

Wikibase/DataModel

Page Discussion Read Edit View history Tools

< Wikibase

Translate this page

Languages: **English** français 中文

This is a living document, describing the conceptual data model behind Wikibase. It is not a specification of any concrete binding, implementation, mapping, or serialization.

The **data model of Wikibase** describes the structure of the data that is handled in Wikibase. In particular, it specifies which kind of information users can contribute to the system. On a more abstract level, the Wikibase data model provides a metamodel or ontology for describing real world entities. Such descriptions are concrete models for real world entities.

This document describes a conceptual model ("Which information do we have to support?") and does not specify how this data should be represented technically ("Which data structures should the software use?") or syntactically ("How should the data be expressed in a file?"). Separate documents describe the serialization of the Wikibase data model in JSON and in RDF (Resource Description Framework).

This specification is technical. A primer to the data model is also available that is more accessible (however, it is more ambiguous and less complete).

This document is extended by other documents to describe the data model of Wikibase extensions. The current extensions are:

- WikibaseLexeme - Lexeme Data Model.

Editorial Note: This document contains a number of "Editorial Notes". These are remarks that have been left by the editor to record some open issue or known problem. Eventually, all such notes will be addressed and removed.

History [edit]

- Latest Version
- Version 15-2-23
- Version 15-1
- Version 14-5
- Version 14-4

1. **Property identifier** (number prefixed with *P*)

https://www.mediawiki.org/wiki/Wikibase/DataModel

3) Andere datamodellen in Wikibase

Wikibase heeft een eigen uniek datamodel, daar zitten beperkingen aan.

In hoeverre kun je andere (door de KB gebruikte) datamodellen (RDA, schema.org) in een WB opnemen?

Beperkingen datamodel Wikibase

Analysing and promoting ontology interoperability in Wikibase

Daniil Dobriy, Axel Polleres

Vienna University of Economics and Business, Vienna, AT

Abstract

Wikibase, the open-source software behind Wikidata, increasingly gains popularity among third-party Linked Data publishers. However, the platform's unique data model decreases the degree of interoperability with existing Semantic Web standards and tools that underlie Linked Data as codified by Linked Data principles. In particular, this unique data model of Wikibase also undermines the direct reuse of ontologies and vocabularies, in a manner compliant with Semantic Web standards and Linked Data principles. To this end, firstly, we compare the Wikibase data model to the established RDF data model. Secondly, we enumerate a series of challenges for importing existing ontologies into Wikibase. Thirdly, we present practical solutions to these challenges and introduce a tool for importing and re-using ontologies within Wikibase. Thus, the paper aims to promote ontology interoperability in Wikibase and by doing so hopes to contribute to higher degree of inter-linkage of Wikibase instances with Linked Open Data.

https://wikidataworkshop.github.io/2022/papers/Wikidata_Workshop_2022_paper_9774.pdf

Wikidata'22: Wikidata workshop at ISWC 2022 - daniil.dobriy@wu.ac.at (D.Dobriy); axel.polleres@wu.ac.at (A. Polleres) - © 2022

Copyright for this paper by its authors, CC BY 4.0 – CEUR Workshop Proceedings, http://ceur-ws.org, ISSN 1613-0073

Beperkingen datamodel Wikibase

Wikibase as an Infrastructure for Knowledge Graphs: the EU Knowledge Graph

Dennis Diefenbach[1,2][0000−0002−0046−2219], Max De Wilde[3][0000−0002−6834−0250], and Samantha Alipio[4]

[1] The QA Company, Saint-Etienne, France
[2] Université de Lyon, CNRS UMR 5516 Laboratoire Hubert Curien, France
[3] Université libre de Bruxelles, Brussels, Belgium
[4] Wikimedia Deutschland, Berlin, Germany

Abstract

One of the drawbacks of Wikibase is that it does not allow the reuse of external RDF vocabularies. Entities and properties will always be QIDs and PIDs. The only available workaround is to create items and properties in Wikibase, and indicate using a custom property that they are equivalent to some RDF vocabulary. Moreover, the data model of Wikibase is more restrictive than the general RDF data model. For example, blank nodes are not allow of the object of a property must be defined at creation tir possible to define a property that has both URIs and lit data model is also more rigid because it restricts to one sp cation, namely n-ary [5]. This implies that it is not possib RDF dataset into Wikibase. Additionally, a limitation of SPARQL endpoint is read-only, making it impossible to i via SPARQL. All data has to be ingested using the APIs

	Classical approach	Wikibase
RDF support	Full support	The information can be dumped as RDF but is not natively in this format. RDF data is hard to ingest.
Reuse of external vocabularies and ontologies	Full support	One cannot use external vocabularies directly, but only align them with new properties in the Wikibase.
Scalability	Depending on the underlying triplestore	Ingesting large datasets is time-consuming but some projects are trying to address this issue[46] [10].
Updating queries	Relying on SPARQL	Not possible over SPARQL, since the endpoint is read-only. Only through the Wikibase APIs.
Data model	Flexible	Rigid. For example, the reification model is fixed but well established.

Diefenbach et al (2021), “Wikibase as an Infrastructure for Knowledge Graphs: the EU Knowledge Graph” - https://hal.science/hal-03353225/document

Beperkingen datamodel Wikibase

Vol. 13 No. 3 (2022): Modelling knowledge, archival and bibliographic standards in comparison. 1st JLIS.it Seminar - 19 May 2022

ARTICLES

Wikibase, or The search for the unicorn

Italian PDF

Giovanni Bergamin

+ More Info

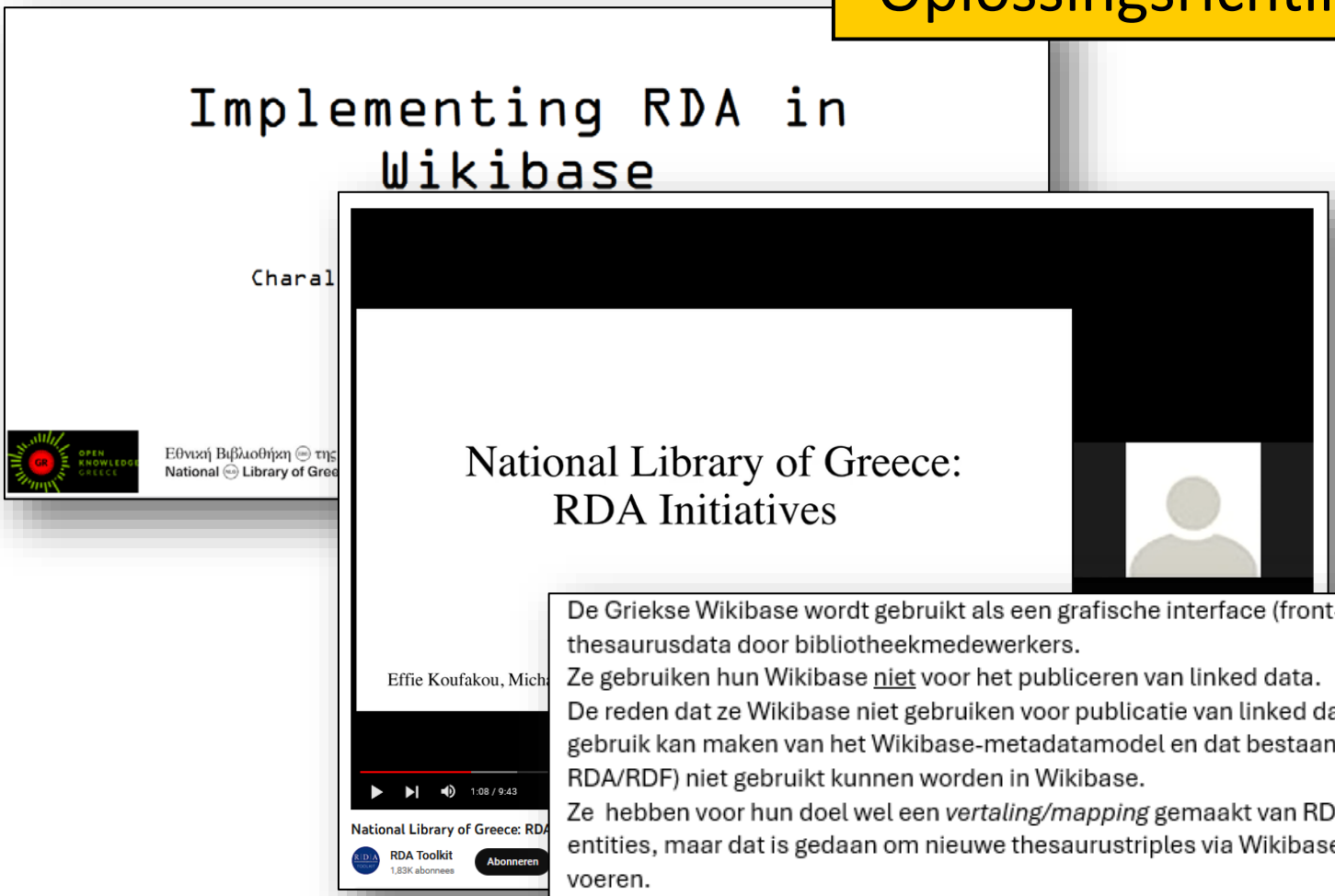
DOI: https://doi.org/10.36253/jlis.it-484

Abstract

The aim of this paper is to study the technological implementation of the emergent bibliographic models (IFLA LRM in particular) taking into account one of the most widespread platforms for the semantic web, namely Wikibase. Different initiatives of implementation of LRM have been taken into account, included: a) a prototype cataloging interface; b)the implementation of the new cataloging system for the Bibliothéque Nationale de France (Bnf); c) a test of use of one of the feature of the *Wikibase data model* - namely the "qualifier"- to find a sustainable solution for the LRM *nomen* entity. Wikibase and his data model cannot be considered the magical unicorn that solves all problems. More in-depth analysis and tests are needed, but – as an intermediate result – we can consider Wikibase a promising platform also in the bibliographic field with a low entry barrier.

Bergamin, G. (2022). Wikibase, or The search for the unicorn. *JLIS.It*, *13*(3), 49–62. https://doi.org/10.36253/jlis.it-484

Oplossingsrichting door NLG



De Griekse Wikibase wordt gebruikt als een grafische interface (front-end) voor het invoeren van thesaurusdata door bibliotheekmedewerkers.
Ze gebruiken hun Wikibase niet voor het publiceren van linked data.
De reden dat ze Wikibase niet gebruiken voor publicatie van linked data is dat je in Wikibase alleen gebruik kan maken van het Wikibase-metadatamodel en dat bestaande vocabularies (zoals RDA/RDF) niet gebruikt kunnen worden in Wikibase.
Ze hebben voor hun doel wel een *vertaling/mapping* gemaakt van RDA/RDF naar Wikibase-entities, maar dat is gedaan om nieuwe thesaurustriples via Wikibase-schermen in te kunnen voeren.

Periodiek kopiëren ze alle aangemaakte thesaurus-triples uit de Wikibase-graaf naar een andere triple store (Triply).
Daarvoor vertalen ze hun Wikibase-triples terug naar RDA/RDF-triples.
In Triply slaan ze dan dus de echte RDA/RDF-vocabulary-triples op, die er in Wikibase niet (kunnen) zijn.

http://www.rda-rsc.org/sites/all/files/NLG_Wikibase.pdf - https://www.youtube.com/watch?v=TPIS11QK8jI – Samenvatting door Marieke Moolenaar (KB), interne email, 21-8-2023

Analyse door Marieke Moolenaar

Marieke Moolenaar 22 augustus

Aangepast op 22 augustus

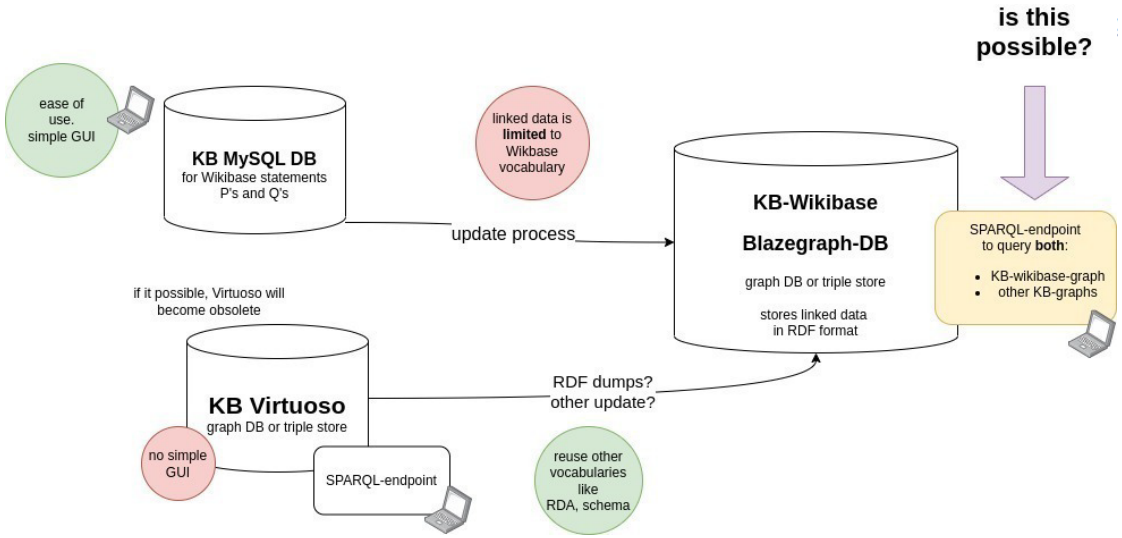
Wikibase gebruikt als linked data-opslag een afgeleide variant van Blazegraph. Ik noem die even Wikibase-Blazegraph-DB. Blazegraph is een zogemaade graph DB of triple store. Je kan er RDF-triples in opslaan. Dus zeker ook RDA/RDF-triples en Schema.org-triples. Of dat bij de geïnstalleerde KB-Wikibase-Blazegraph-DB nog mogelijk is weet ik niet.

Op dit moment is EMMA zo opgezet dat er alleen via de Wikibase-route triples in Wikibase-Blazegraph-DB komen. Dat gaat via een update-proces vanuit de MediaWiki-MySQL-database.

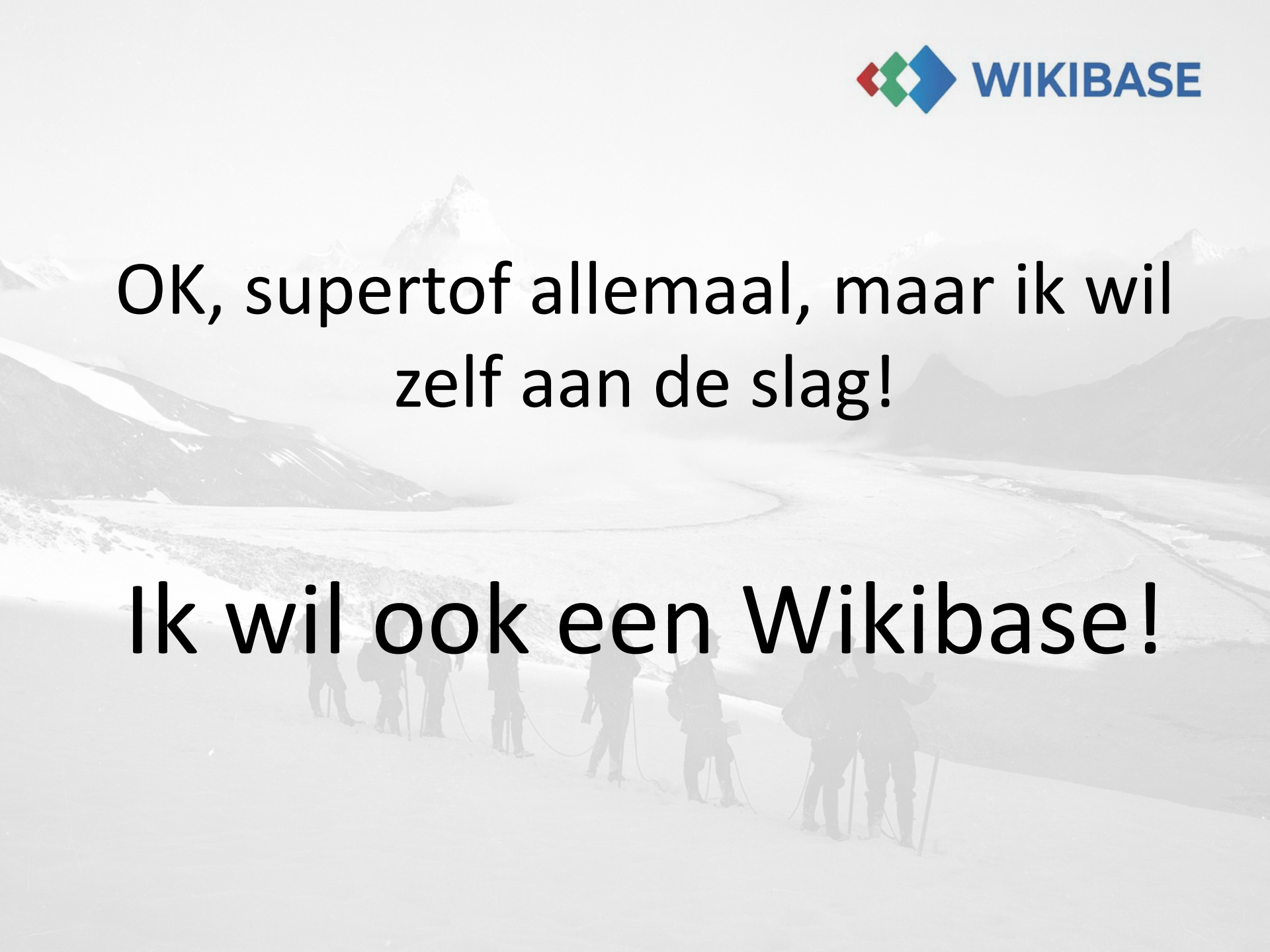
En via die route komen er **nooit** Schema.org- of RDA/RDF-triples in Wikibase-Blazegraph, enkel Wikibase-P-en-Q-triples.

Als je triples met andere vocabulary's in de KB-Wikibase-Blazegraph-DB wil krijgen, dan zal je die **op een andere manier** dan via de Wikibase-MediaWiki-GUI in de KB-Wikibase-Blazegraph-DB moeten stoppen.

Misschien kan je uitzoeken of je via een bepaalde server-poort direct bij het dashboard of een API van de KB-Wikibase-Blazegraph-DB kan komen. En dan kan je proberen om een RDF-dumpfile met Schema.org of RDA/RDF te uploaden naar de KB-Wikibase-Blazegraph-DB. Bijv. een Alba



- https://plein.kb.nl/thoughts/25980
- https://github.com/schemaorg/schemaorg/wiki/BlazeGraphSPARQLHowto

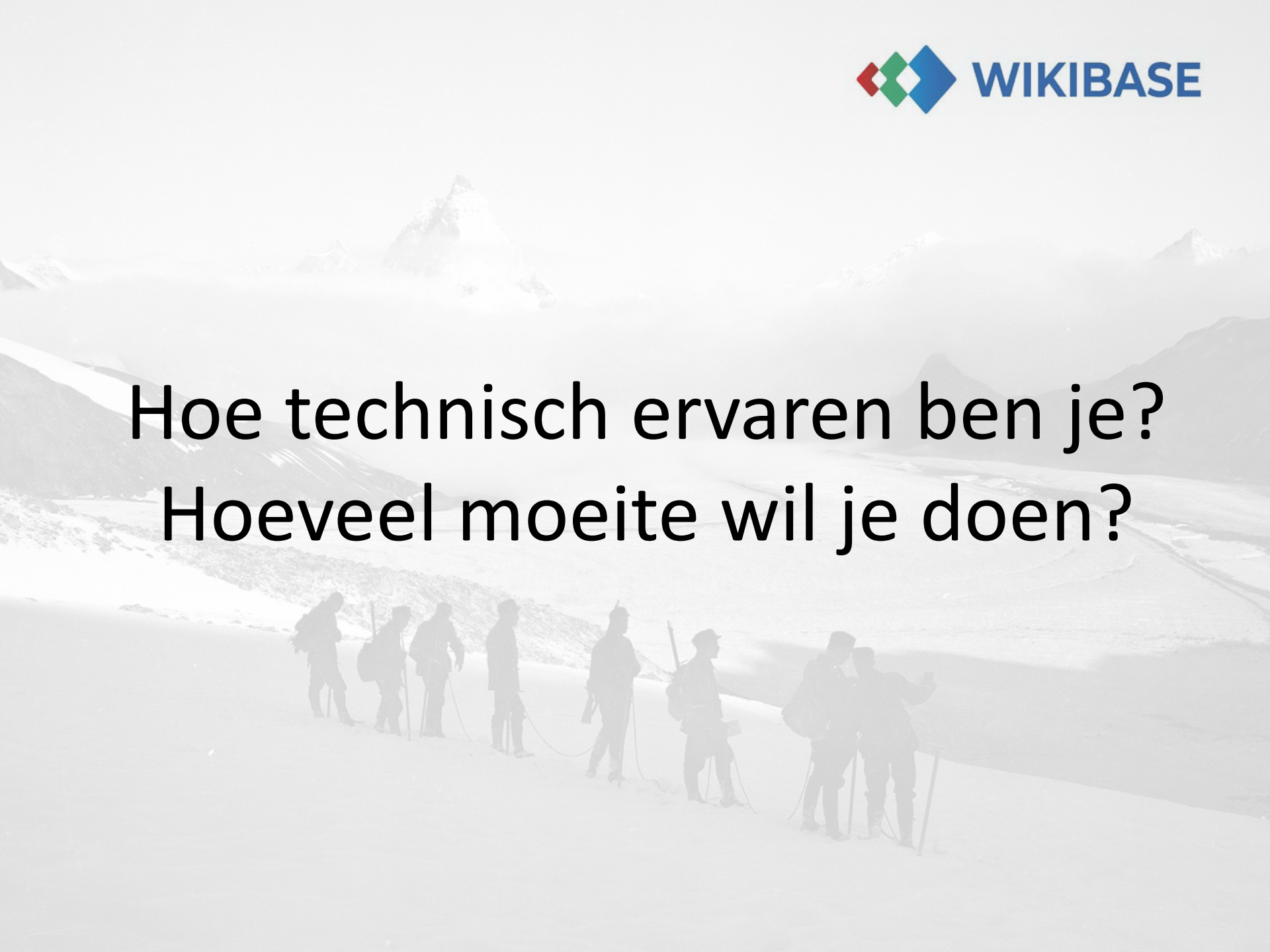


OK, supertof allemaal, maar ik wil zelf aan de slag!

Ik wil ook een Wikibase!

WIKIBASE

Hoe technisch ervaren ben je?
Hoeveel moeite wil je doen?



WIKIBASE SUITE

WIKIBASE CLOUD

	Wikibase Suite (manual install/ via Docker images)	Wikibase.cloud (SaaS)
Hosting	Self managed	Hosted by WMDE (Europe, GDPR-compliant)
Technical experience (installation)	Intermediate to Expert	Novice
Number of Wikibases	Unlimited	6 (per Wikibase.cloud user account)
Customisation	High	Generic

https://www.mediawiki.org/wiki/Wikibase/Which

1) Wikibase Suite
(via Docker)

MediaWiki

Search MediaWiki | Search

Wikibase/Docker

Contents [hide]

- **Beginning**
- Overview
- Preparing your environment
  - Install Docker
  - Check out files
  - Prepare your files
  - Customise your environment
    - MediaWiki Configuration
    - Database Configuration
    - Wikibase Configuration
    - Hostnames
    - MAX_JOBS
- Installing and running Wikibase
  - Minimal install
  - Extended install
  - Options
- Up and running
  - Job runner
  - Sitelinks
- Using your new instance
  - Further reading

Page | Discussion | Read | Edit | View history | Tools

< Wikibase

Translate this page

Languages: British English | Deutsch | **English** | Tiếng Việt | français | русский | 日本語

This document covers the Docker-based install of Wikibase Suite. For manual installation instructions for Wikibase Suite, see Wikibase/Suite. For installing just the Wikibase extension, see Wikibase/Installation.

Overview [edit]

This is a step-by-step guide to installing Wikibase Suite on your own computer using Docker.

Our Docker images contain a complete install of MediaWiki and Wikibase, and the install process is customisable to suit your needs.

WIKIBASE SUITE

Preparing your envir

Complete all these steps befor

Install Docker [edit]

On the computer where you wa

If you need help installing beyo

Check out files [edit]

Check out the Wikibase pipelin commands:

```
git clone https://github.com/wmde/wikibase-release-pipeline
cd wikibase-release-pipeline
git checkout tags/wmde.11
```

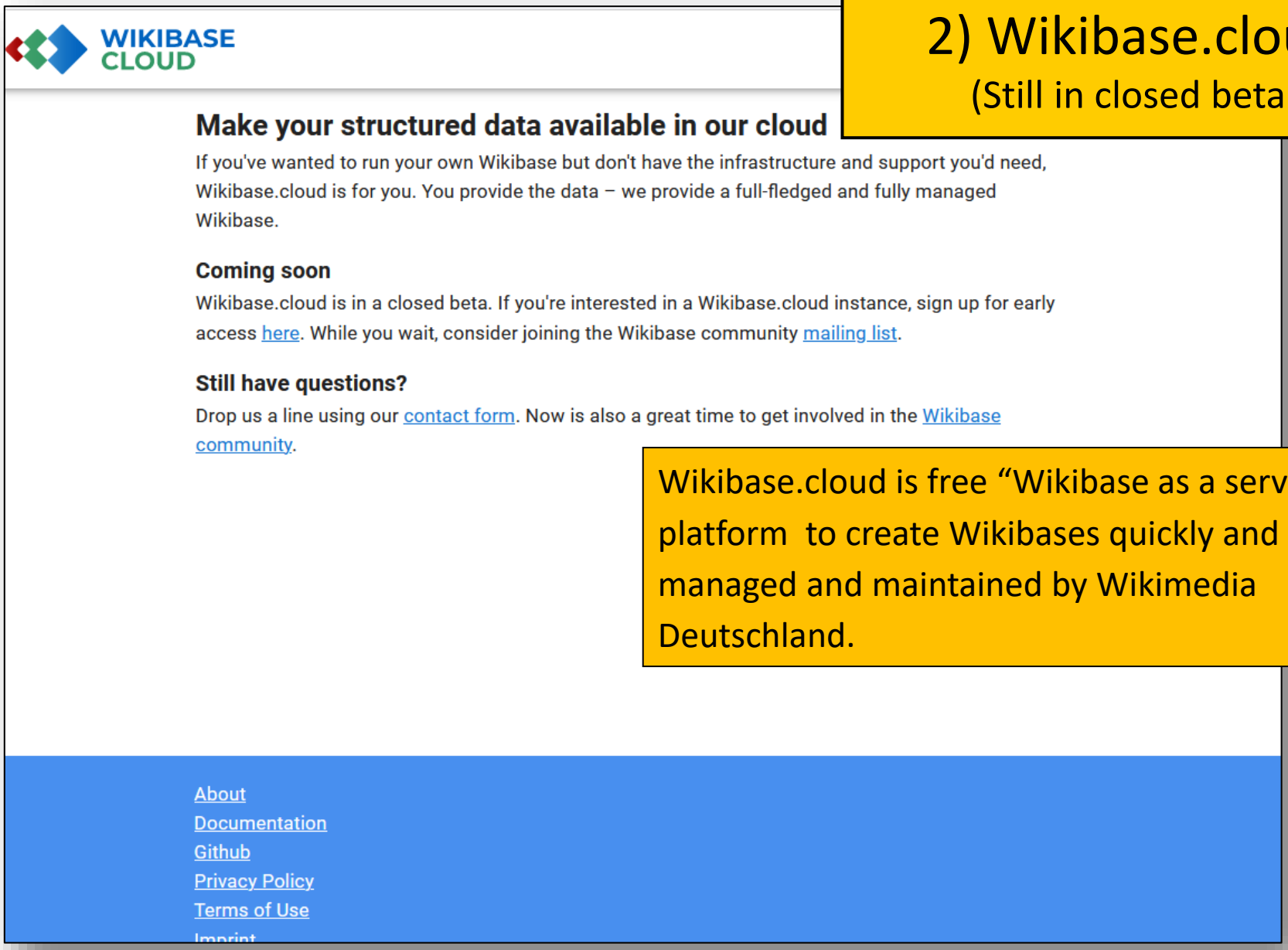
Wikibase software that you install and run on your own hardware (typically via Docker).

Good for users who want to try out Wikibase on their own hardware and who want to customize their installation.

Good for institutions with large datasets.

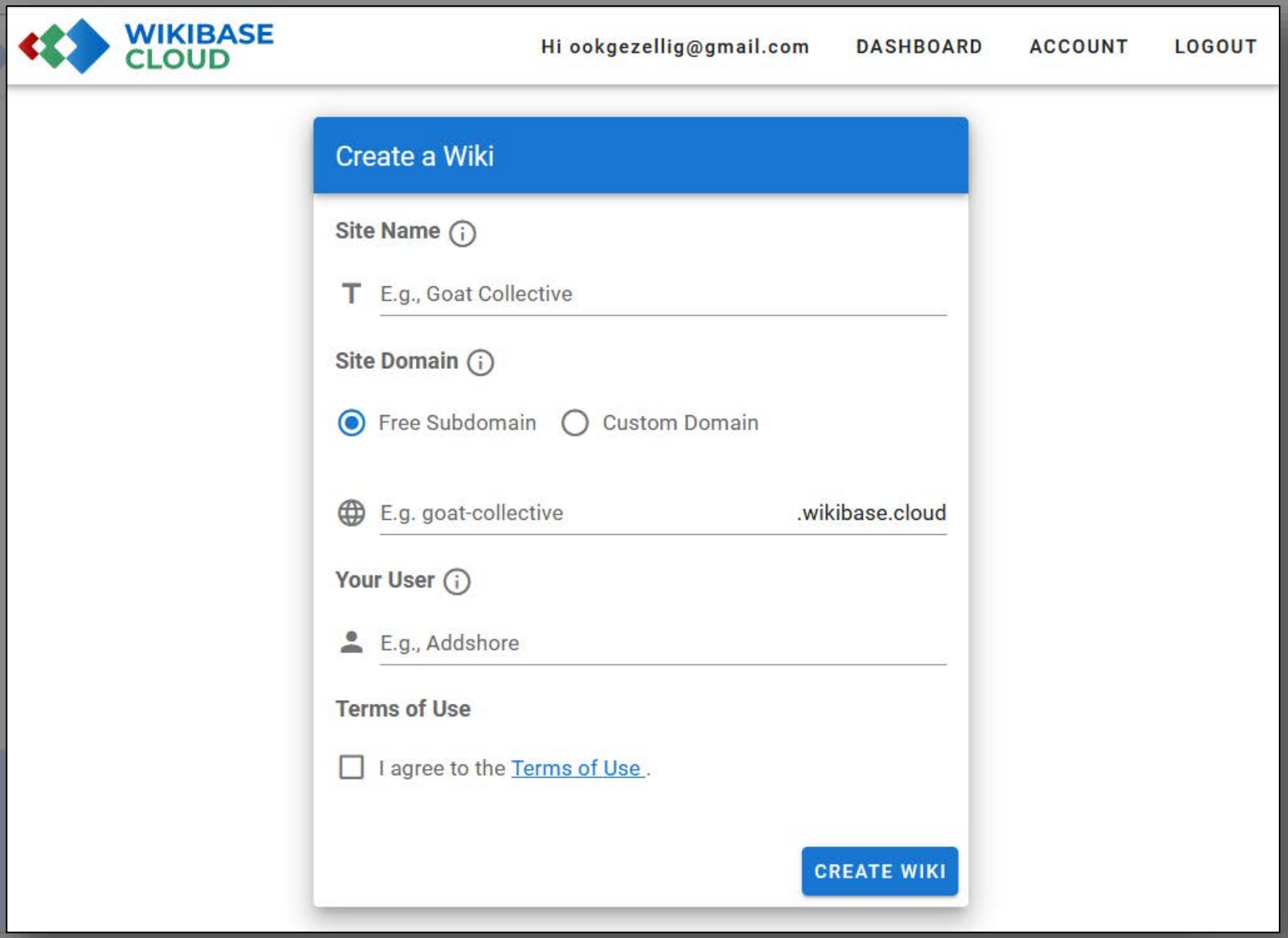
https://www.mediawiki.org/wiki/Wikibase/Docker
https://www.mediawiki.org/wiki/Wikibase/Suite

2) Wikibase.cloud
(Still in closed beta)



Wikibase.cloud is free “Wikibase as a service” platform to create Wikibases quickly and easily managed and maintained by Wikimedia Deutschland.

https://www.wikibase.cloud, 27-8-2023



https://www.wikibase.cloud/wikis/create

KB's sandbox WB instance on Wikibase.cloud

KB

Hoofdpagina Overleg

Hoofdpagina
Recente wijzigingen
Willekeurige pagina
Hulp met MediaWiki

Hulpmiddelen
Verwijzingen naar deze pagina
Gerelateerde wijzigingen
Speciale pagina's
Afdrukversie
Permanente koppeling
Paginagegevens

Wikibase
New Item
New Property
New Schema
All Properties
Query Service
Cradle
QuickStatements

In andere talen
Koppelingen toevoegen

Main Page

Inhoud [weergeven]

Unofficial Wikibase sandbox for the national library of The Netherlands.

Disclaimer

This Wikibase sandbox is for playing, experimenting, learning about the functionalities, possibilities and limitations etc. of Wikibase, and knowledge sharing activities resulting from these learnings. It is maintained by Olaf Janssen, the Wikimedia coordinator of the KB, mainly as a ***tool for experimentation, learning, skill-building, knowledge sharing and consultancy about Wikibase****, both towards KB staff, (inter)national Wiki(base) communities, GLAMs, KB network partners, as well as other 3rd parties. It does not contain any offical data(sets) of the KB, and the data can be changed/deleted at any time. This instance is not supported by the KB, nor is it part of the official KB IT infrastructure. If you are interested in the official Wikibase instance of the KB, please visit xxx.*

Quick links

Eigenschappen (properties) (namespace 122)

- Alle eigenschappen 1
- Alle eigenschappen 2
- Nieuwe eigenschap aanmaken

Basiseigenschappen voor personen

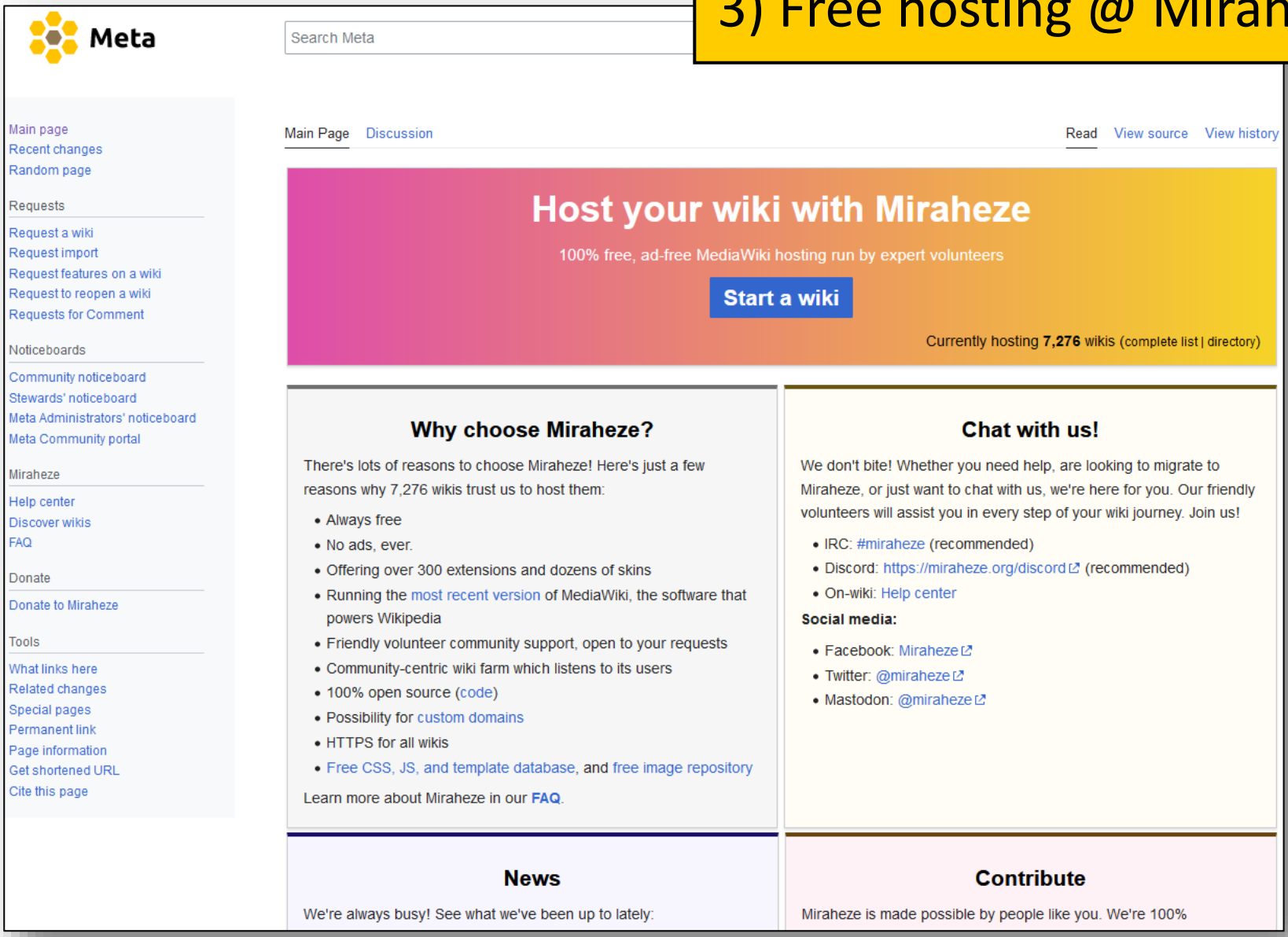
- is een uniek exemplaar van (waarde: Q-nummer van mens)
- NTA-label
- voornaam
- voornaam (als tekenreeks)
- achternaam
- achternaam (als tekenreeks)
- sekse of geslacht (waarde: Q-nummer van man of vrouw)
- land van nationaliteit
- land van nationaliteit (tweeletterige landcode als tekenreeks)
- geboortedatum (EDTF)
- geboorteplaats
- geboorteplaats (als tekenreeks)
- overlijdensdatum (EDTF)
- overlijdensplaats
- overlijdensplaats (als tekenreeks)
- beroep

https://kbtestwikibase.wikibase.cloud/wiki/Main_Page

Things we encountered during setup

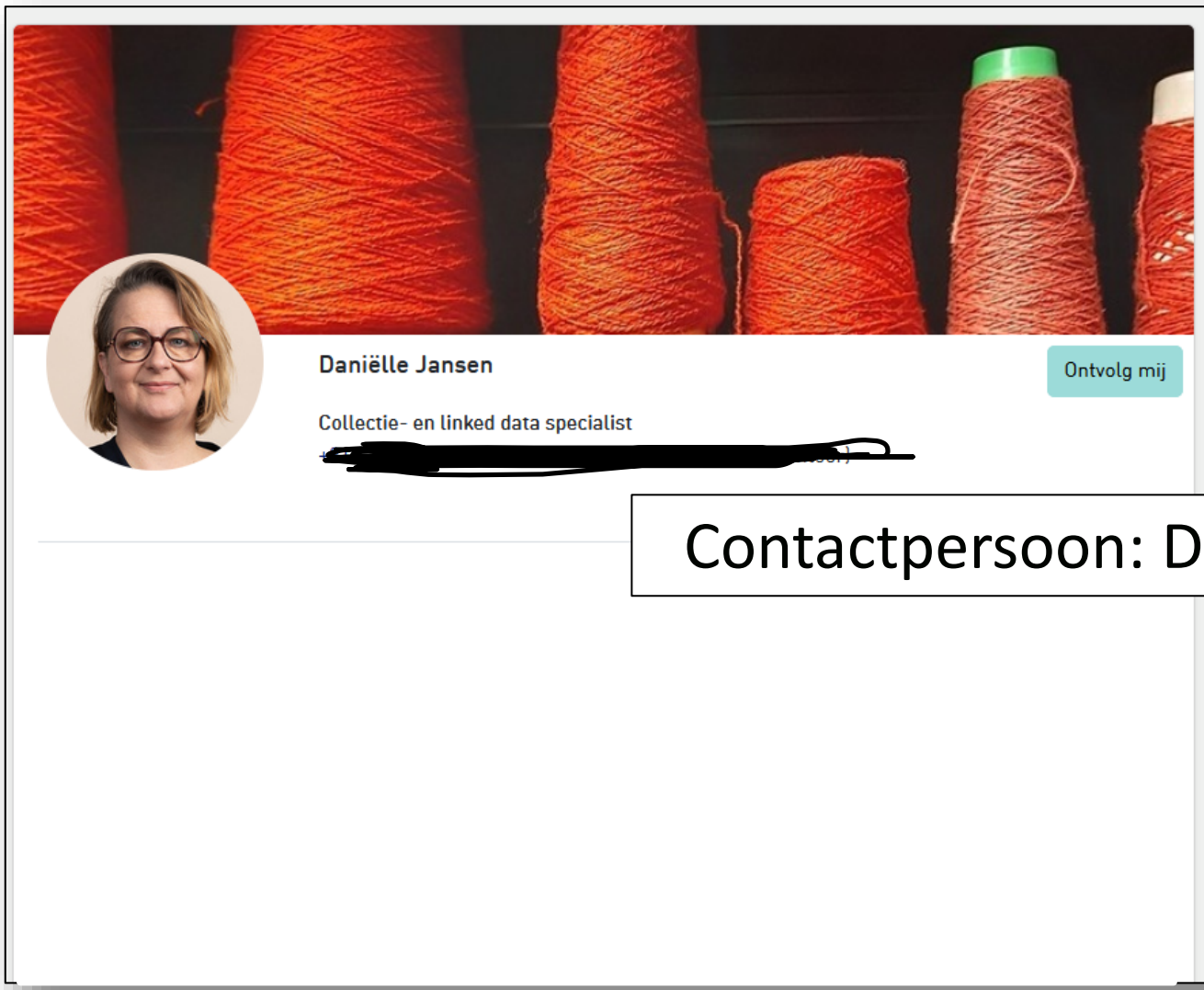
https://commons.wikimedia.org/wiki/File:KB_Wikibase.cloud_Unboxing_Experience,_Netherlands_Wikibase_Knowlegde_Group,_22-07-2022.pdf

3) Free hosting @ Miraheze



https://meta.miraheze.org/wiki/Miraheze

4) KB IT infrastructuur



KB nationale bibliotheek

Contactpersoon: Daniëlle Jansen

5) Commercial hosting & services

Wikibase/Consultants and Support Providers

This is not a page for job posts or job advertisements. If you need Wikibase help, contact the individual service provider or company personally and privately.

This page is intended to help you find help with your Wikibase if you need it. Inclusion of a service provider on these lists does not constitute an official endorsement by the Wikibase team.

The lists do not claim to be exhaustive. If you think you or your company should be listed on the page, you are welcome to add it yourself.

Contents show

Overview of providers [edit]

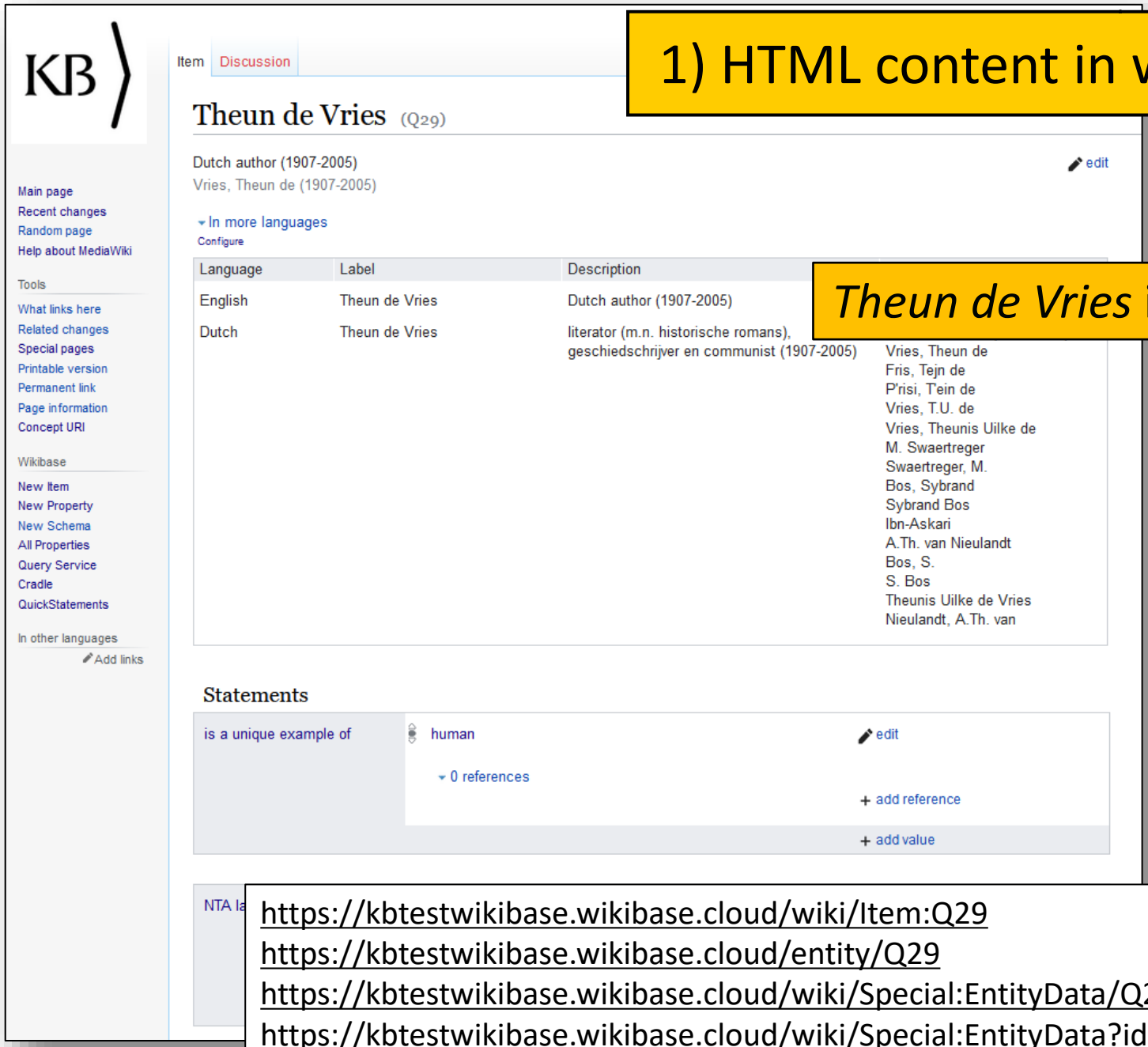
[Collapse]

Name	Location	Wikibase operations and support	Wikibase custom development	Wikibase data modeling	Wikidata consulting
The QA Company	Saint-Etienne, France	✓		✓	✓
The Wikibase Consultancy	Berlin, Germany	✓	✓		
Wiki Valley	Paris, France	✓			
Inventaire	Lyon, France	✓			
WikiTeq	Boca Raton, Florida, United States	✓	✓		
Knowledge Management Associates	Vienna, Austria	✓		✓	
Micelio	Antwerpen, Belgium			✓	✓
IP-Squared	Amsterdam, Netherlands			✓	✓
Digitaal Werktuig	Amerfoort, Netherlands			✓	✓
Scatter	United States	✓		✓	✓

https://meta.wikimedia.org/wiki/Wikibase/Consultants_and_Support_Providers

Hoe vraag je data op uit een Wikibase?

1) HTML content in web browser

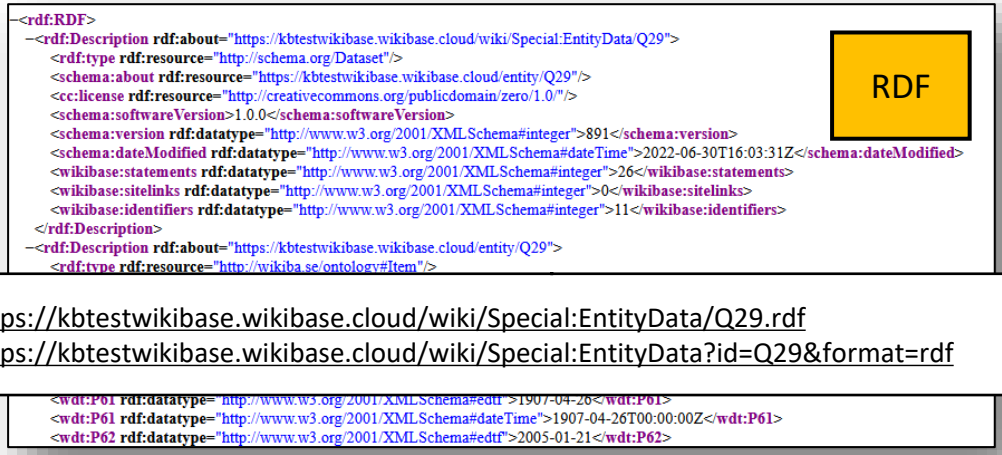


Theun de Vries in KB Wikibase

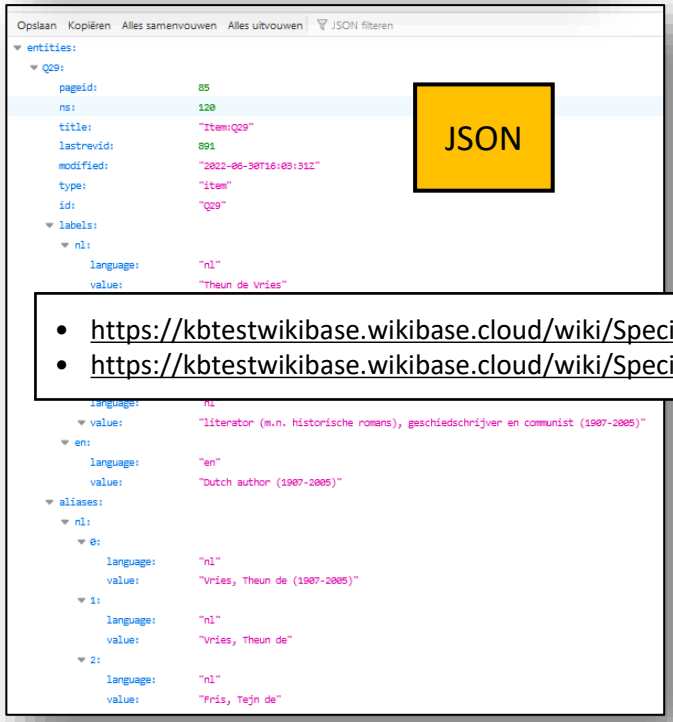
https://kbtestwikibase.wikibase.cloud/wiki/Item:Q29
https://kbtestwikibase.wikibase.cloud/entity/Q29
https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29
https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=html

2) non-HTML content in web browser

- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29
- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=html



- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.rdf
- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=rdf



- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.json
- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=json

Overige formaten

- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.jsonld
- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.ttl / .n3
- https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.nt
  https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.php

3) MediaWiki API

Algemene API voor alle Wikimedia-projecten
(Wikidata, Wikipedia, Wikimedia Commons etc.)

MediaWiki API hulp

This is an auto-generated MediaWiki API documentation page.

Documentation and examples: https://www.mediawiki.org/wiki/Special:MyLanguage/API:Main_page

Main module

[Documentatie · Etiquette & gebruiksrichtlijnen ·

Status: De MediaWiki API is een stabiele interface die actief ondersteund en verbeterd wordt. Hoewel we het proberen te voorkomen, is
api-announce voor meldingen over wijzigingen.

Foutieve verzoeken: als de API foutieve verzoeken ontvangt, wordt er geantwoord met een HTTP-header met de sleutel "MediaWiki-A

Testen: u kunt eenvoudig API-verzoeken testen.

Parameters:

action: Welke handeling uit te voeren.

- **block:** Gebruiker blokkeren.
- **changeauthenticationdata:** Change authentication data for the curre
- **changecontentmodel:** Wijzig het inhoudsmodel van een pagina
- **checktoken:** De geldigheid van een token van `action=`
- **cirrus-config-dump:** Dump van CirrusSearch-configuratie.
- **cirrus-mapping-dump:** Dump van CirrusSearchmapping voor deze
- **cirrus-profiles-dump:** Dump van CirrusSearch-profielen voor deze
- **cirrus-settings-dump:** Dump van CirrusSearchinstellingen voor de
- **clearhasmsg:** Wist de `hasmsg` -vlag voor de huidige geb
- **clientlogin:** Bij de wiki aanmelden met behulp van de in
- **compare:** Het verschil tussen twee pagina's ophalen.
- **createaccount:** Een nieuw gebruikersaccount aanmaken.
- **delete:** Een pagina verwijderen.
- **echomarkread:** Meldingen van de huidige gebruiker marker
- **echomarkseen:** Aangeven dat de huidige gebruiker zijn of h
- **echomute:** Mute or unmute notifications from certain u
- **edit:** Pagina's aanmaken en bewerken.
- **emailuser:** Gebruiker e-mailen.
- **embedvideo:** Get generated video embed code for given p
- **expandtemplates:** Vouwt alle sjablonen binnen wikitekst uit.
- **feedcontributions:** Retourneert een feed van gebruikersbijdrage

- **wbavailablebadges:** Queries available badge items.
- **wbcreateclaim:** Creates Wikibase claims.
- **wbcreateredirect:** Creates Entity redirects.
- **wbeditentity:** Creates a single new Wikibase entity and modifies it with serialised information.
- **wbformatentities:** Formats entity IDs to HTML.
- **wbformatvalue:** Formats DataValues.
- **wbgetclaims:** Gets Wikibase claims.
- **wbgetentities:** Gets the data for multiple Wikibase entities.
- **wblinktitles:** Associates two pages on two different wikis with a Wikibase item.
- **wbmergeitems:** Voegt meerdere items samen.
- **wbparsevalue:** Parses values using a `ValueParser`.
- **wbremoveclaims:** Removes Wikibase claims.
- **wbremovequalifiers:** Removes a qualifier from a claim.
- **wbremovereferences:** Removes one or more references of the same statement.
- **wbsearchentities:** Searches for entities using labels and aliases.
- **wbsetaliases:** Sets the aliases for a Wikibase entity.
- **wbsetclaim:** Creates or updates an entire Statement or Claim.
- **wbsetclaimvalue:** Sets the value of a Wikibase claim.

https://kbtestwikibase.wikibase.cloud/w/api.php

3) MediaWiki API

JSON Onbewerkte gegevens Headers

Opslaan Kopiëren Alles samenvouwen Alles uitvouwen JSON filteren


```
entities:
  Q29:
    pageid: 85
    ns: 120
    title: "Item:Q29"
    lastrevid: 891
    modified: "2022-06-30T16:03:31Z"
    type: "item"
    id: "Q29"
  labels:
    nl:
      language: "nl"
      value: "Theun de Vries"
    en:
      language: "en"
      value: "Theun de Vries"
  descriptions:
    nl:
      language: "nl"
      value: "literator (m.n. historische romans), geschiedschrijver en communist (1907
    en:
      language: "en"
      value: "Dutch author (1907-2005)"
  aliases:
    nl:
      0:
        language: "nl"
        value: "Vries, Theun de (1907-2005)"
      1:
        language: "nl"
        value: "Vries, Theun de"
      2:
        language: "nl"
        value: "Fris, Tejn de"
      3:
        language: "nl"
        value: "P'risi, T'ein de"
      4:
        language: "nl"
        value: "Vries, T.U. de"
      5:
        language: "nl"
```


JSON


```
-<api success="1">
 -<entities>
  -<entity pageid="85" ns="120" title="Item:Q29" lastrevid="891" modified="2022-06-30T16:03:31Z" type="item" id="Q
   -<labels>
     <label language="nl" value="Theun de Vries"/>
     <label language="en" value="Theun de Vries"/>
    </labels>
   -<descriptions>
     <description language="nl" value="literator (m.n. historische romans), geschiedschrijver en communist (1907-2005)
     <description language="en" value="Dutch author (1907-2005)"/>
    </descriptions>
   -<aliases>
    -<language id="nl">
      <alias language="nl" value="Vries, Theun de (1907-2005)"/>
      <alias language="nl" value="Vries, Theun de"/>
      <alias language="nl" value="Fris, Tejn de"/>
      <alias language="nl" value="P'risi, T'ein de"/>
      <alias language="nl" value="Vries, T.U. de"/>
      <alias language="nl" value="Vries, Theunis Uilke de"/>
      <alias language="nl" value="M. Swaertreger"/>
      <alias language="nl" value="Swaertreger, M."/>
      <alias language="nl" value="Bos, Sybrand"/>
      <alias language="nl" value="Sybrand Bos"/>
      <alias language="nl" value="Ibn-Askari"/>
      <alias language="nl" value="A.Th. van Nieulandt"/>
      <alias language="nl" value="Bos, S."/>
      <alias language="nl" value="S. Bos"/>
      <alias language="nl" value="Theunis Uilke de Vries"/>
      <alias language="nl" value="Nieulandt, A.Th. van"/>
     </language>
    -<language id="en">
      <alias language="en" value="Vries, Theun de (1907-2005)"/>
     </language>
    </aliases>
   -<claims>
    -<property id="P3">
     -<claim type="statement" id="Q29$64be4918-47c2-d89e-5436-0674231959e7" rank="normal">
      -<mainsnak snaktype="value" property="P3" hash="5929cec551a5f2e1dd9e07b5531cb01948c06142" datatyp
       -<datavalue type="wikibase-entityid">
          <value entity-type="item" numeric-id="3" id="Q3"/>
        </datavalue>
       </mainsnak>
      </claim>
     </property>
    -<property id="P67">
     -<claim type="statement" id="Q29$0bf9f7a9-4ea8-0ec5-20ae-25bbe1e2d824" rank="normal">
      -<mainsnak snaktype="value" property="P67" hash="61df01a0e5339a92bdb77471ae7896ccd67db747" datat
       -<datavalue type="wikibase-entityid">
          <value entity-type="item" numeric-id="27" id="Q27"/>
        </datavalue>
```


XML

https://kbtestwikibase.wikibase.cloud/w/api.php?action=wbgetentities&ids=Q29&format=json

https://kbtestwikibase.wikibase.cloud/w/api.php?action=wbgetentities&ids=Q29&format=xml

4) SPARQL

FactGrid: Woonadressen van Parijse schilders in 1834

FactGrid Query | Voorbeelden | Hulp | Meer hulpmiddelen | Neder

```
#defaultView:Map
#Parisian painters in 1834
SELECT ?painter ?painterLabel ?peinterDescription ?addressLabel ?coord
WHERE
{
  ?painter wdt:P2 wd:Q7;
        wdt:P131 wd:Q268686;
        wdt:P165 wd:Q36783;
        wdt:P208 ?address.
  ?address wdt:P48 ?coord;
           wdt:P47 wd:Q10441 .
  SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en". }
  }
```

Map | 1046 resultaten in 1253 ms | Code | Downloaden | Koppeling

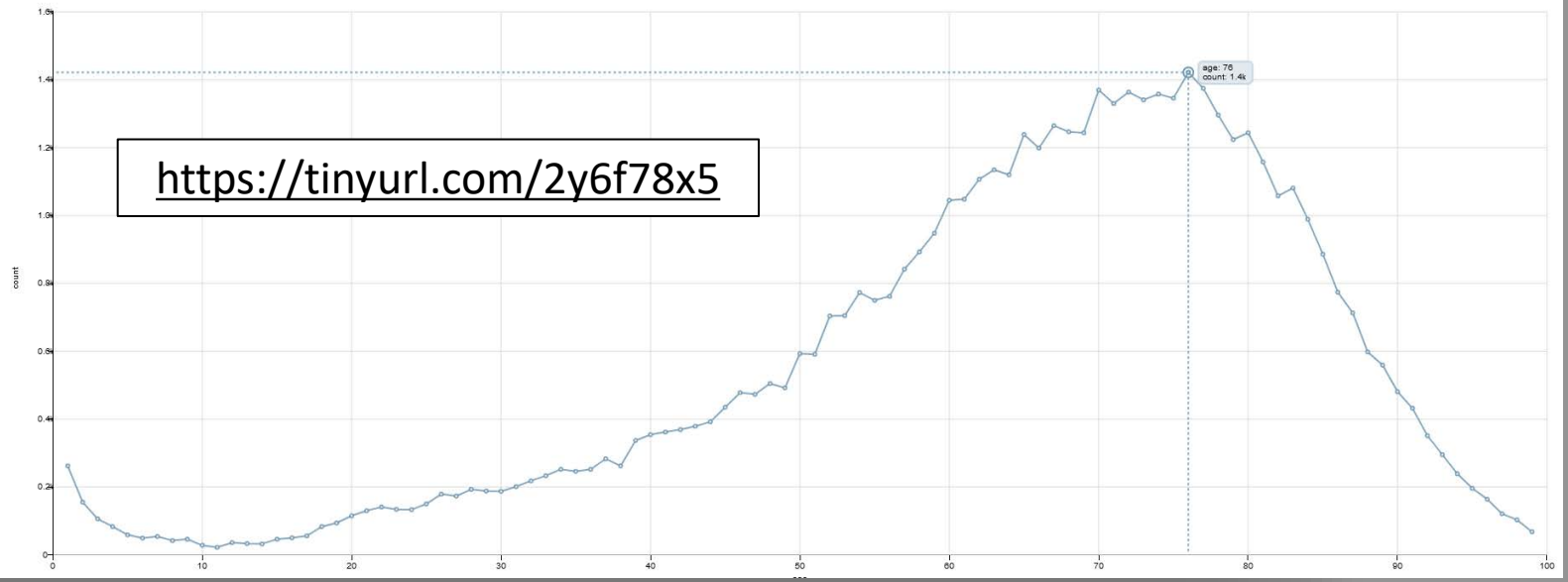
https://tinyurl.com/2mrnynpd

FactGrid Query | Voorbeelden | Hulp | Meer hulpmiddelen

```
# Query to find all humans on FactGrid
# calculate their age (full years) at death
# count how many of them died at each age
#defaultView:LineChart
SELECT ?age  (COUNT (DISTINCT ?a) AS ?count)
WHERE {
        ?a wdt:P2 wd:Q7.                    #instance of h
        ?a p:P77/psv:P77 ?birth_date_node.
        ?a p:P38/psv:P38 ?death_date_node.
        ?birth_date_node wikibase:timeValue ?birth_date.
        ?death_date_node wikibase:timeValue ?death_date.
        BIND( YEAR(?death_date) - YEAR(?birth_date) -
              IF(MONTH(?death_date)<MONTH(?birth_date) ||
                 (MONTH(?death_date)=MONTH(?birth_date) && DAY(?death_date)<DAY(?birth_date)),1,0) AS ?age )
        # calculate the age, precisely to the day (times and timezones ignored)
        FILTER(?age > 0 && ?age < 100).    #ignore outlyers, several of which are probably errors
}
GROUP BY ?age
```

FactGrid: Leeftijden van overleden personen

https://tinyurl.com/2y6f78x5



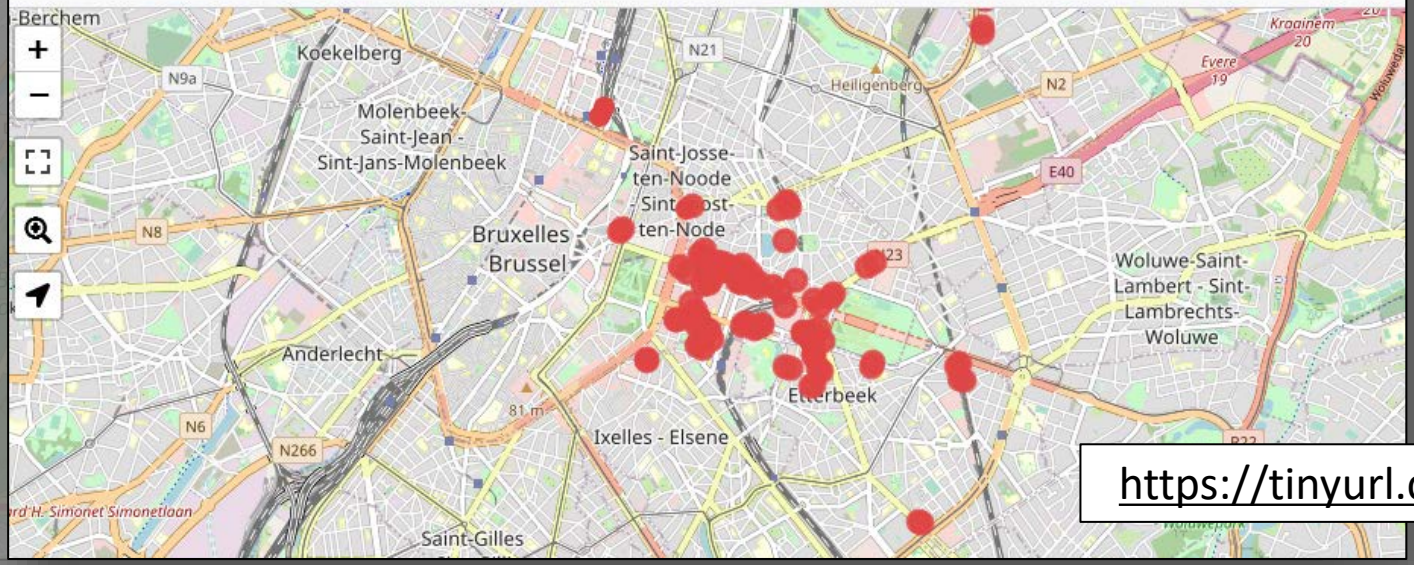
SPARQL

EU Knowledge Graph Query Service

Voorbeelden | Hulp | Meer hulpmiddelen | Query-ge

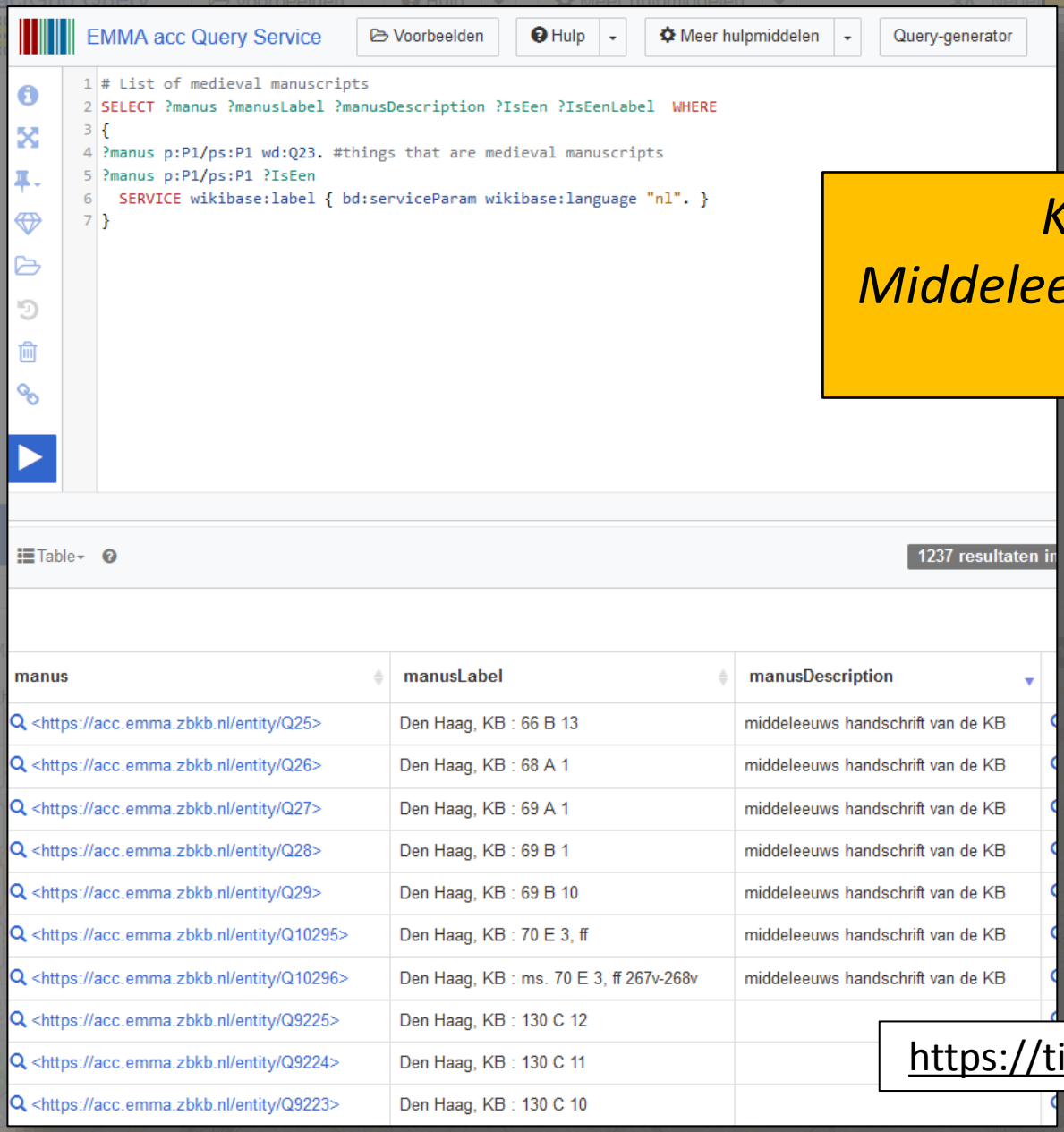
```
1  #Buildings of the EU
2  SELECT ?building ?buildingLabel ?loc WHERE {
3  ?building wdt:P35 wd:Q8636.
4  ?building wdt:P127 ?loc
5
6  SERVICE wikibase:label { bd:serviceParam wikibase:language "nl,en". }
7  }
8
9
```

Map | 135 resultaten in 838 ms | </> Code



EU Knowlegde Graph: Gebouwen van de EU

https://tinyurl.com/242a3rrh



KB Wikibase: Middeleeuwse handschriften van de KB

https://tinyurl.com/2bxb8hkn

Hoe voeg je data toe aan een Wikibase?

- https://www.mediawiki.org/wiki/Wikibase/Importing
- https://github.com/shigapov/wikibase-knowledge-graphs#data-import
- https://www.wikibase.consulting/fast-bulk-import-into-wikibase/

1) Nieuw item handmatig toevoegen via GUI

Hoofdpagina | Overleg

Main Page

Inhoud [weergeven]

Unofficial Wikibase sandbox for the national library of The Netherlands.

Disclaimer

*This Wikibase sandbox is for playing, experimenting, learning about the functionalities, possibilities and limitations etc. of Wikibase, a coordinator of the KB, mainly as a **tool for experimentation, learning, skill-building, knowledge sharing and consultancy about** as other 3rd parties. It does not contain any offical data(sets) of the KB, and the data can be changed/deleted at any time. This instar Wikibase instance of the KB, please visit xxx.*

Quick links

enschappen (properties) (namespace 122)

lle eigenschappen 1

lle eigenschappen 2

ieuwe eigenschap aanmaken

iseigenschappen voor personen

s een uniek exemplaar van (waarde: Q-nummer van mens)

TA-label

Hoofdpagina
Recente wijzigingen
Willekeurige pagina
Hulp met MediaWiki

Hulpmiddelen

Verwijzingen naar deze pagina
Gerelateerde wijzigingen
Speciale pagina's
Afdrukversie
Permanente koppeling
Paginagegevens

New Item
New Property
New Schema
All Properties
Query Service
Cradle
QuickStatements

https://kbtestwikibase.wikibase.cloud/wiki/Main_Page

1) Nieuwe Qs en Ps handmatig

Create a new Item

Make sure to check if the Item already exists!

You should create a label and a description for all new items.

By clicking "Create", you agree to the terms of use.

Create a new Item

Language:

nl

Label:

H.H. ter Balkt

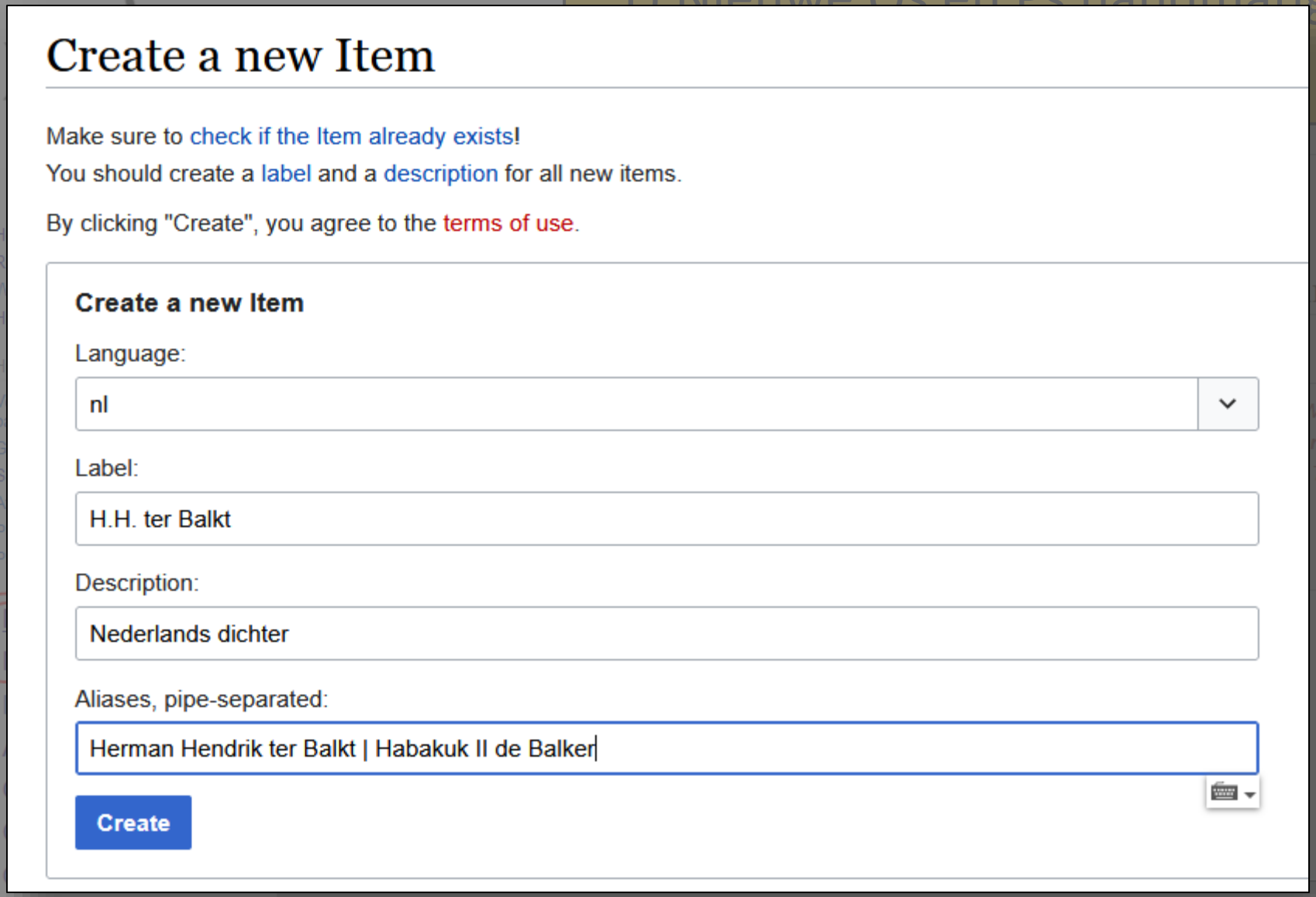
Description:

Nederlands dichter

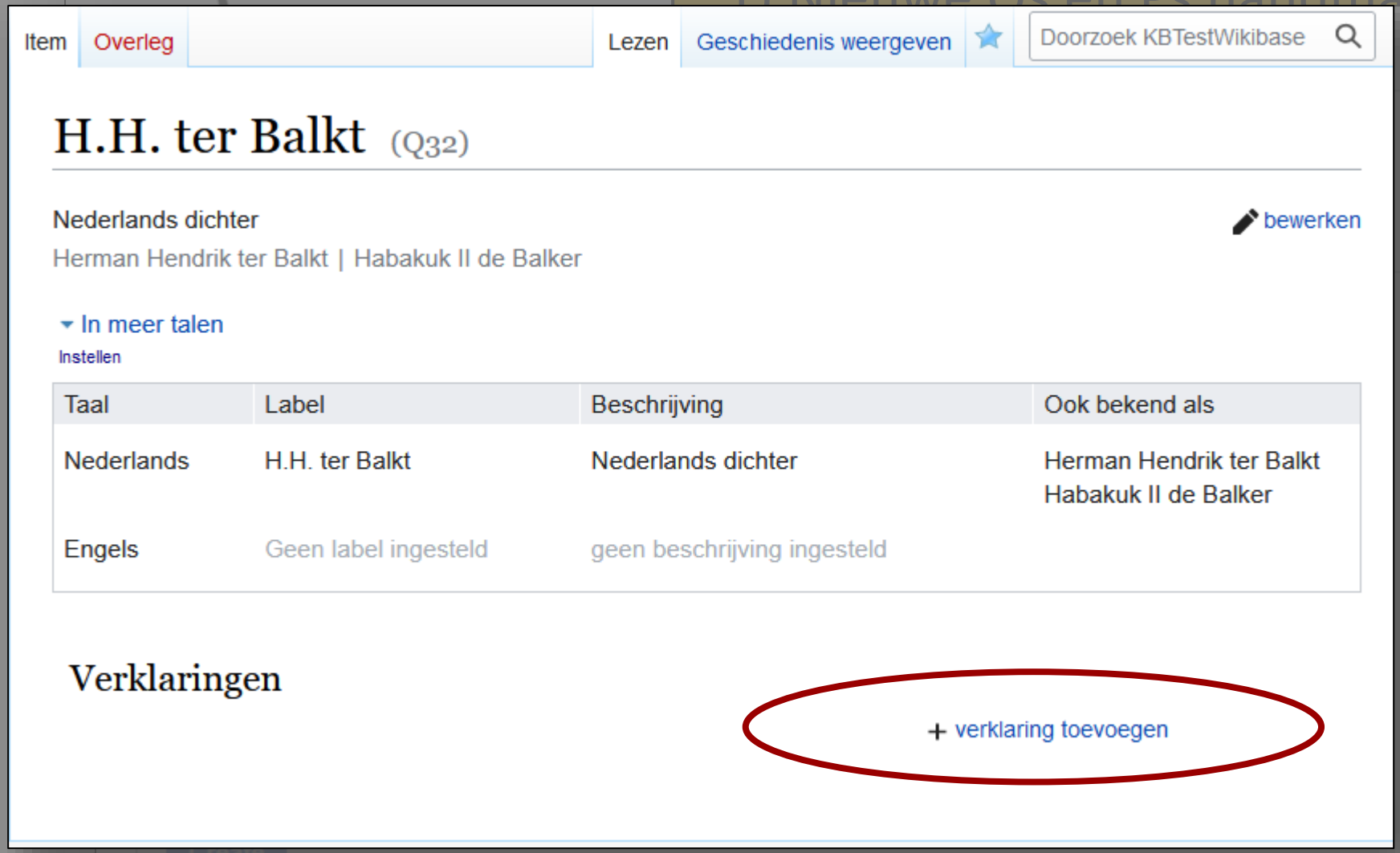
Aliases, pipe-separated:

Herman Hendrik ter Balkt | Habakuk II de Balker

Create

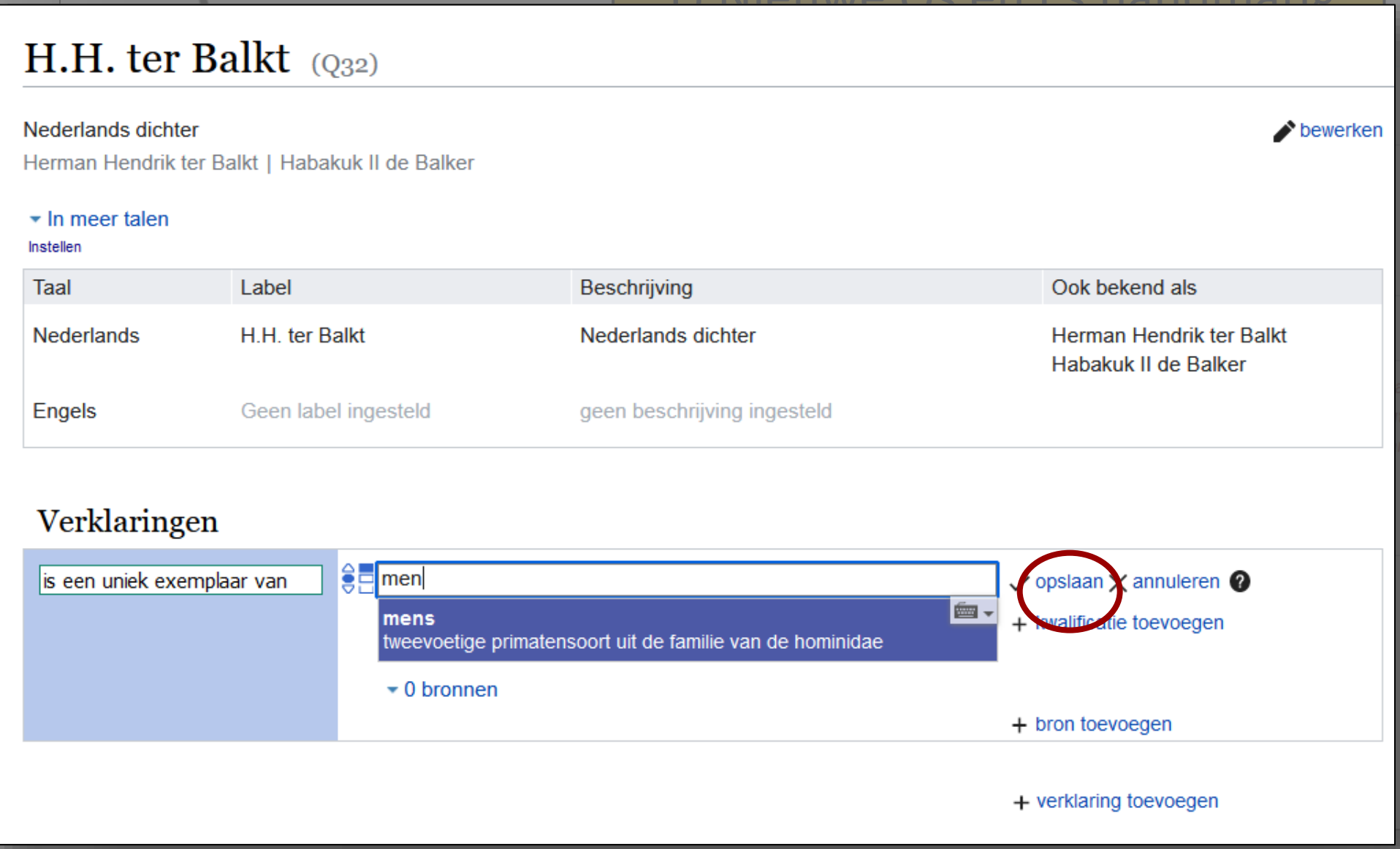


https://kbtestwikibase.wikibase.cloud/wiki/Special:NewItem



https://kbtestwikibase.wikibase.cloud/wiki/Item:Q32

1) Nieuwe Qs en Ps handmatig



https://kbtestwikibase.wikibase.cloud/wiki/Item:Q32

1) Nieuwe Qs en Ps handmatig

H.H. ter Balkt (Q32)

Nederlands dichter

Herman Hendrik ter Balkt | Habakuk II de Balker

bewerken

In meer talen

Instellen

Taal	Label	Beschrijving	Ook bekend als
Nederlands	H.H. ter Balkt	Nederlands dichter	Herman Hendrik ter Balkt Habakuk II de Balker
Engels	Geen label ingesteld	geen beschrijving ingesteld	

Verklaringen

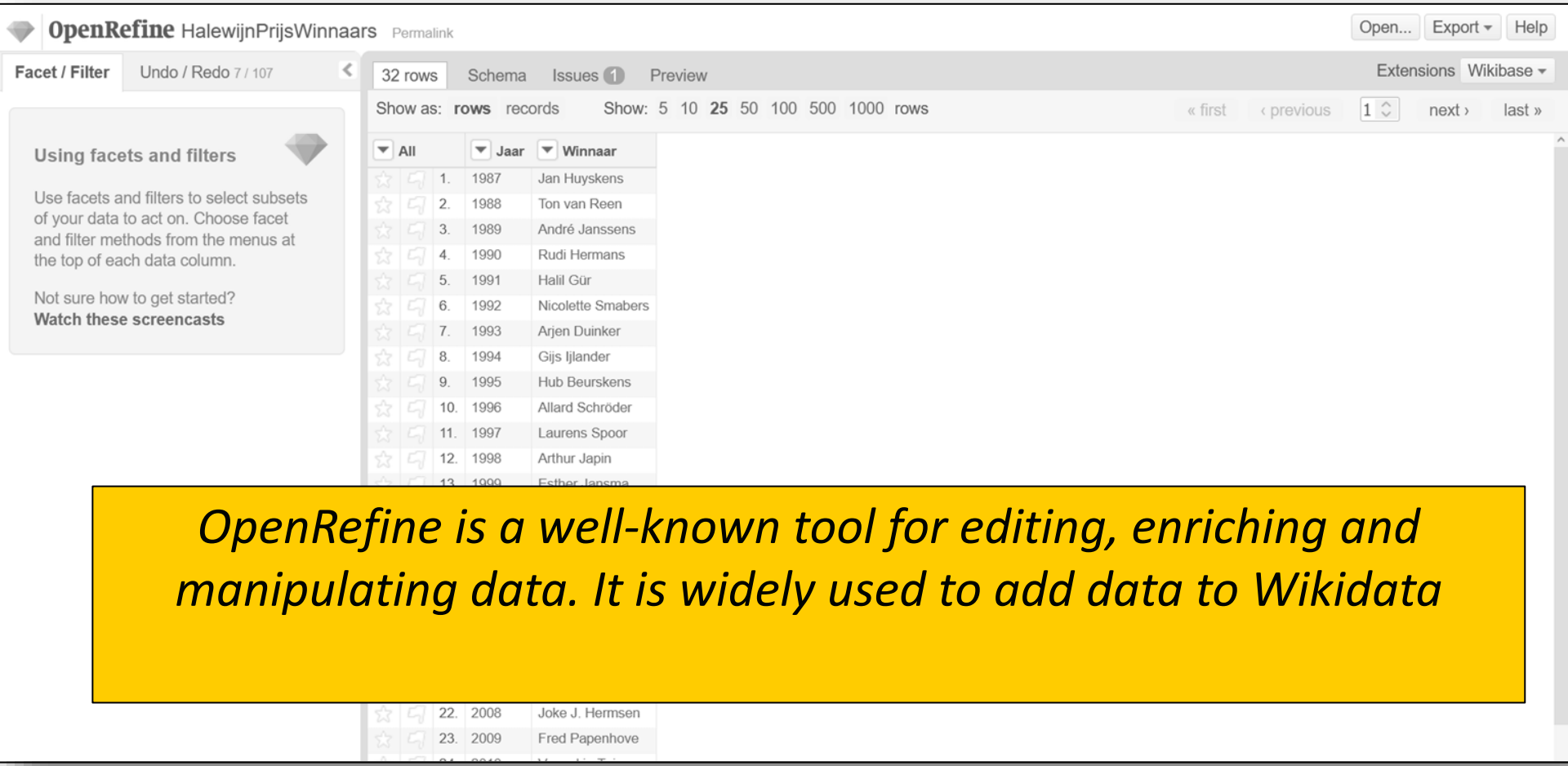
is een uniek exemplaar van	mens	bewerken
	0 bronnen	+ bron toevoegen
		+ waarde toevoegen

+ verklaring toevoegen

https://kbtestwikibase.wikibase.cloud/wiki/Item:Q32

OpenRefine

2) OpenRefine (in bulk)



OpenRefine is a well-known tool for editing, enriching and manipulating data. It is widely used to add data to Wikidata

OpenRefine-Wikidata workshop, KB, 4-7-2023

README.md

OpenRefine Introduction Workshop

A practical 90 minutes workshop (in Dutch) to learn how to work with OpenRefine and Wikidata at a basic level.

OpenRefine

Learning objectives

OpenRefine is a well-known tool for editing, enriching and manipulating data. It is widely used within the Wikimedia community to add data to Wikidata.

WIKIDATA

In this practial 90 minutes workshop you will learn the basics of working with OpenRefine to manipulate data and add it to Wikidata. You will learn

- how to create an OpenRefine project,
- how to manipulate and enrich data, and
- how to connect this data to databases such as Wikidata, NTA or VIAF.

Target audience

This workshop is suitable for people who

- have some experience in working with (cultural heritage) data,
- have not used OpenRefine before,
- want to learn the basics of manipulating, enriching and linking data with this tool, but
- who do not necessarily know what "reconciling against Wikidata" means.

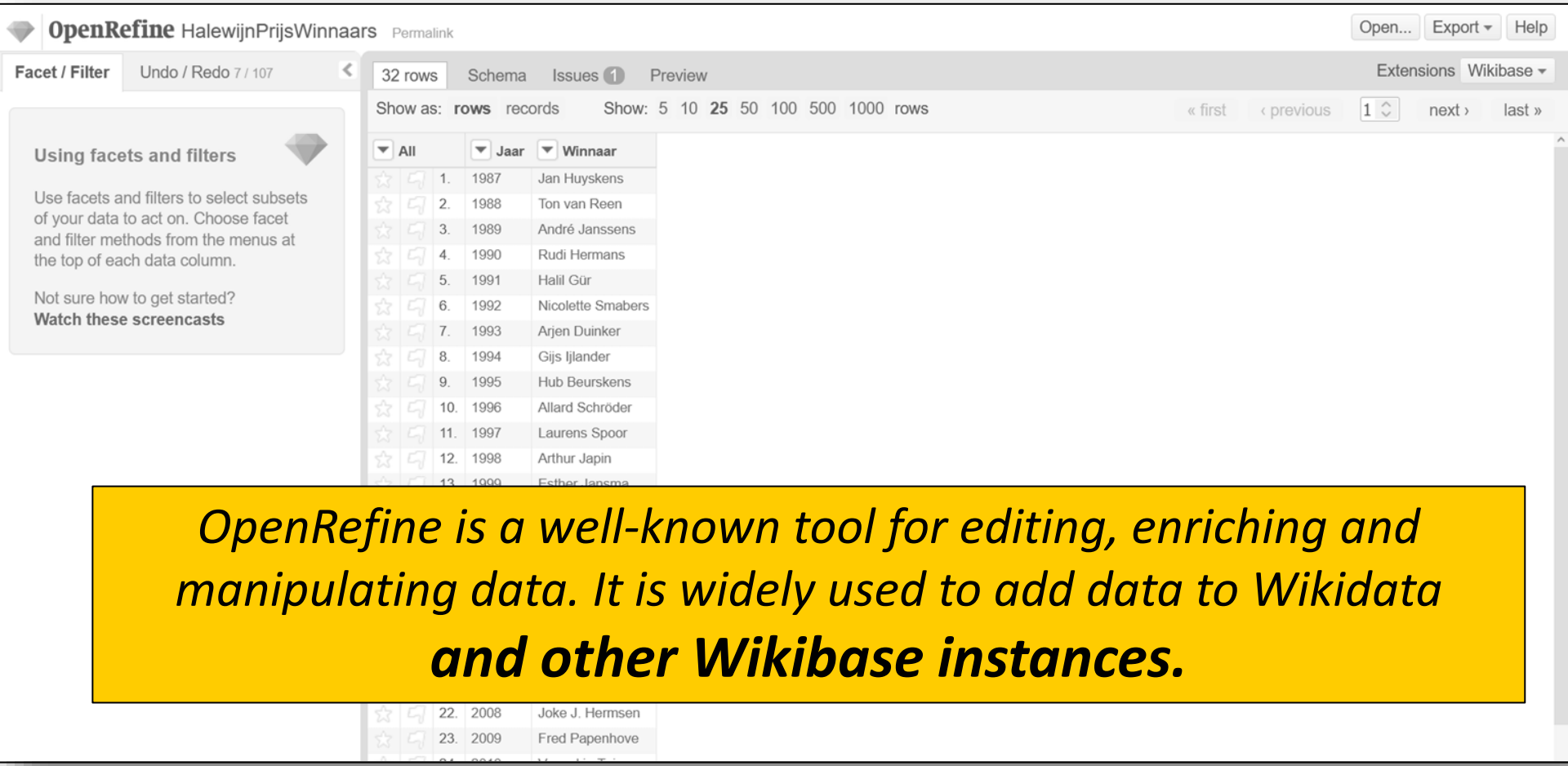
Workshop outline & resources

- Full outline and notes of the workshop. This is a detailed list of actions we will be performing during the workshop.
- Working materials (in Dutch): Werkmaterialen introductieworkshop OpenRefine, KB, 4 juni 2023. This document contains the working materials (links and data) that we will be using during the workshop

https://github.com/KBNLwikimedia/OpenRefine-Introduction-Workshop -- https://zenodo.org/record/8207914

OpenRefine

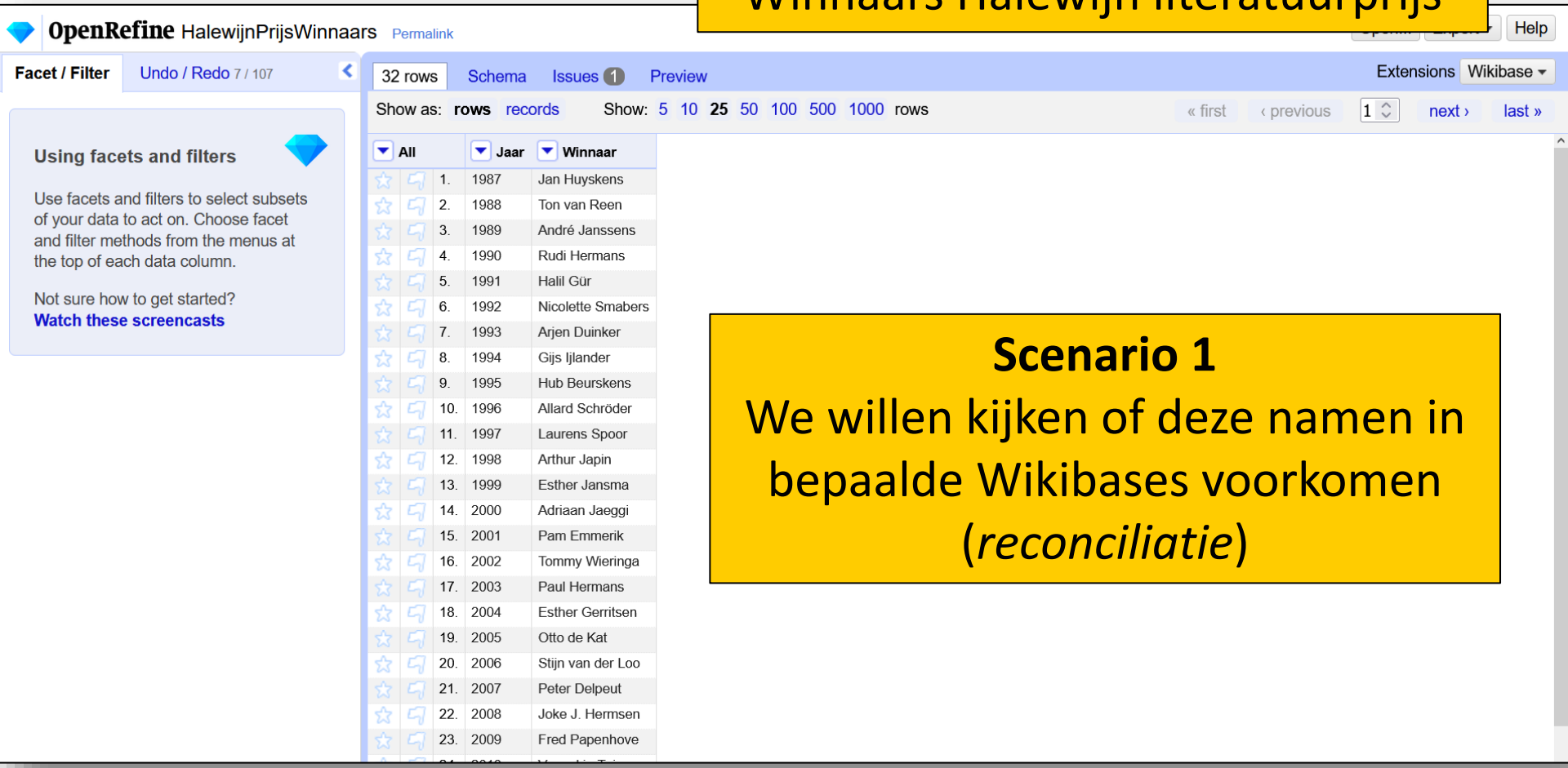
WIKIBASE



OpenRefine is a well-known tool for editing, enriching and manipulating data. It is widely used to add data to Wikidata ***and other Wikibase instances.***

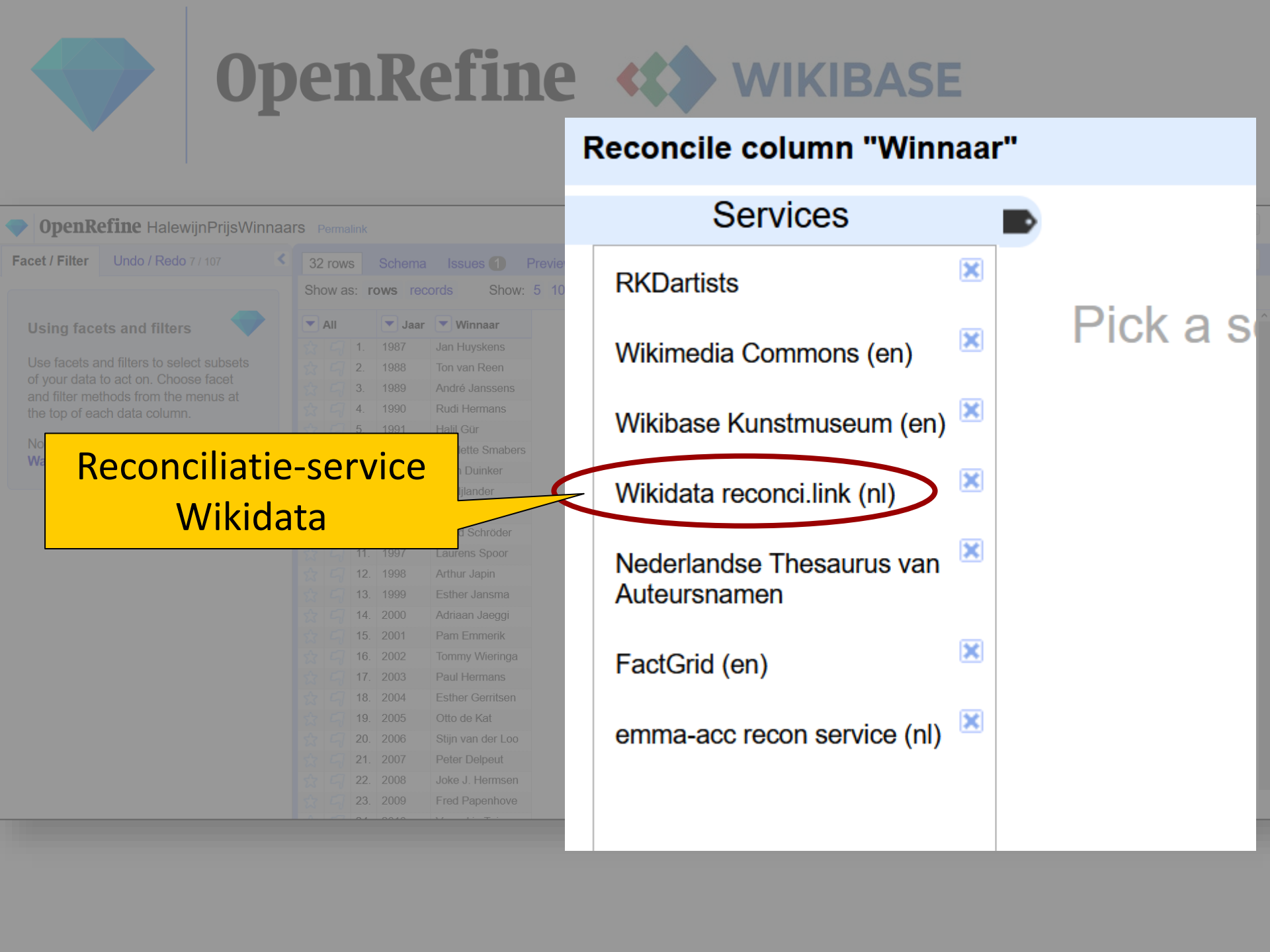
OpenRefine WIKIBASE

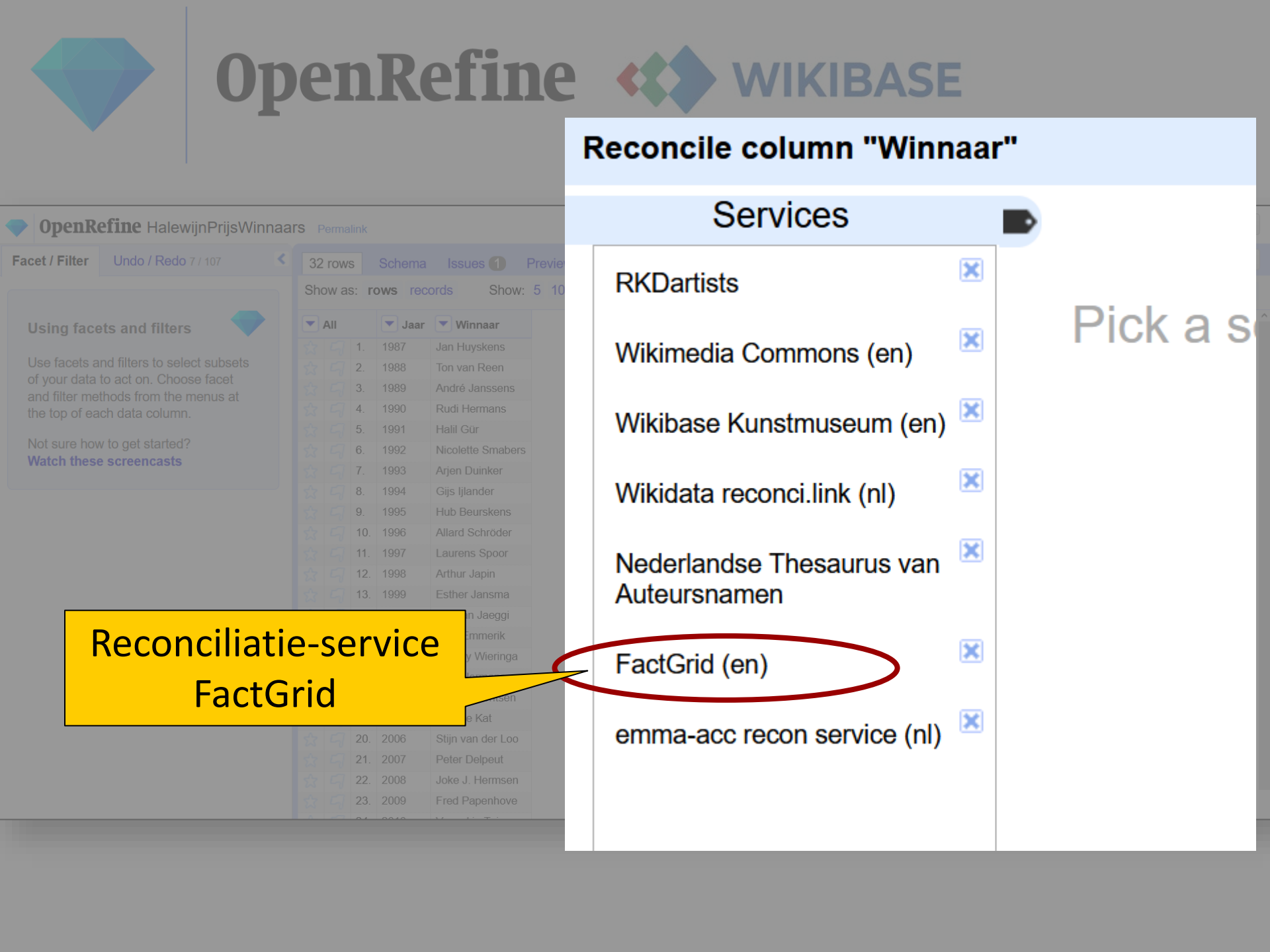
Winnaars Halewijn literatuurprijs



Scenario 1

We willen kijken of deze namen in bepaalde Wikibases voorkomen (*reconciliatie*)


OpenRefine
WIKIBASE
OpenRefine HalewijnPrijsWinnaars
Permalink
Facet / Filter
Undo / Redo 7 / 107
32 rows
Schema
Issues 1
Show as: rows records
Show: 5 10
Using facets and filters
Use facets and filters to select subsets of your data to act on. Choose facet and filter methods from the menus at the top of each data column.
All
Jaar
Winnaar
1. 1987 Jan Huyskens
2. 1988 Ton van Reen
3. 1989 André Janssens
4. 1990 Rudi Hermans
12. 1998 Arthur Japin
13. 1999 Esther Jansma
14. 2000 Adriaan Jaeggi
15. 2001 Pam Emmerik
16. 2002 Tommy Wieringa
17. 2003 Paul Hermans
18. 2004 Esther Gerritsen
19. 2005 Otto de Kat
20. 2006 Stijn van der Loo
21. 2007 Peter Delpeut
22. 2008 Joke J. Hermsen
23. 2009 Fred Papenhove
Reconciliatie-service Wikidata
Reconcile column "Winnaar"
Services
RKDartists
Wikimedia Commons (en)
Wikibase Kunstmuseum (en)
Wikidata reconci.link (nl)
Nederlandse Thesaurus van Auteursnamen
FactGrid (en)
emma-acc recon service (nl)
Pick a s


OpenRefine
WIKIBASE
OpenRefine HalewijnPrijsWinnaars
Permalink
Facet / Filter
Undo / Redo 7 / 107
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Not sure how to get started?
Watch these screencasts
All
Jaar
Winnaar
1. 1987 Jan Huyskens
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4. 1990 Rudi Hermans
5. 1991 Halil Gür
6. 1992 Nicolette Smabers
7. 1993 Arjen Duinker
8. 1994 Gijs Ijlander
9. 1995 Hub Beurskens
10. 1996 Allard Schröder
11. 1997 Laurens Spoor
12. 1998 Arthur Japin
13. 1999 Esther Jansma
20. 2006 Stijn van der Loo
21. 2007 Peter Delpeut
22. 2008 Joke J. Hermsen
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Reconciliatie-service FactGrid
Reconcile column "Winnaar"
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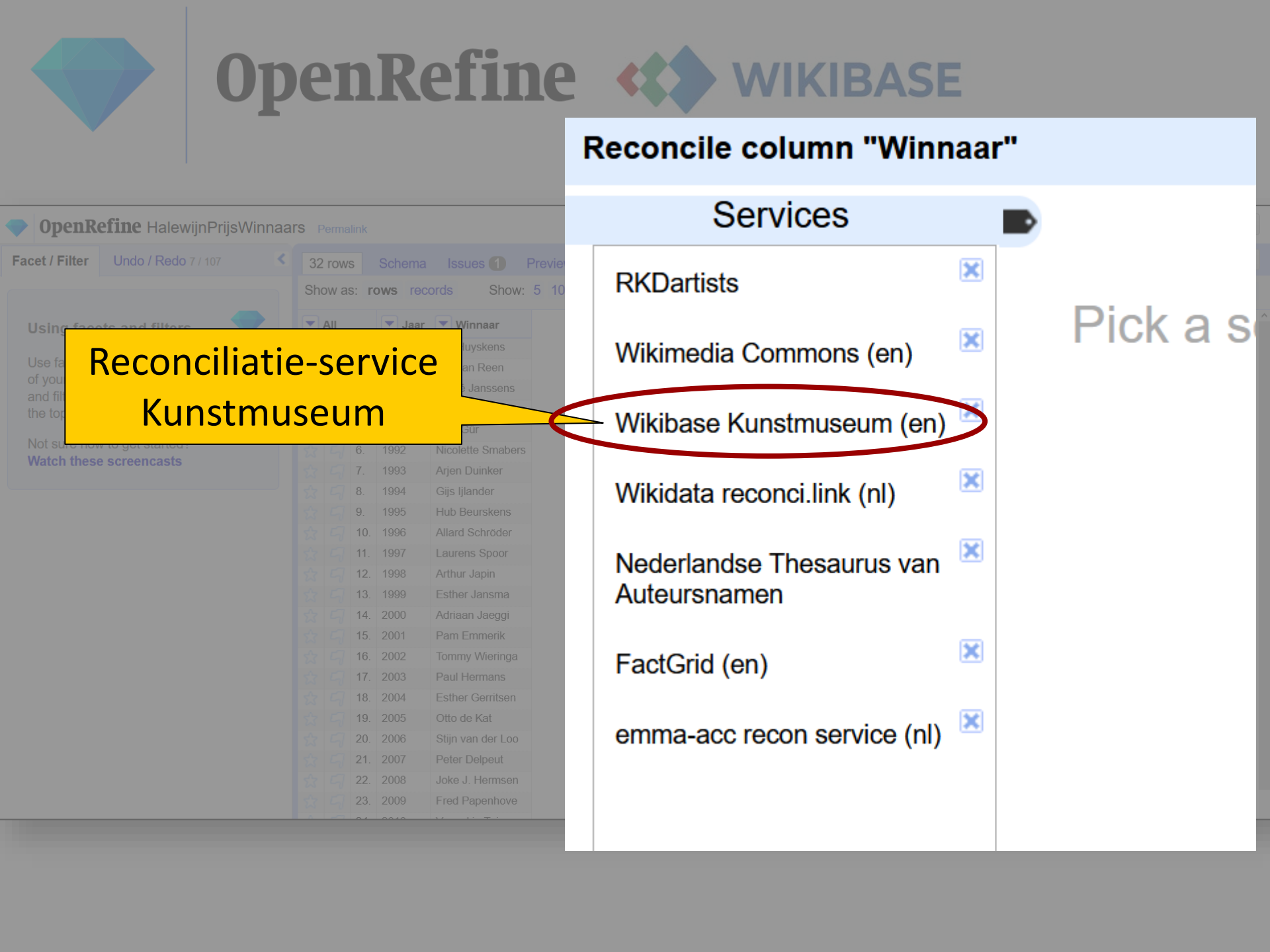
Pick a s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Reconciliatie-service Kunstmuseum
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Facet / Filter
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32 rows
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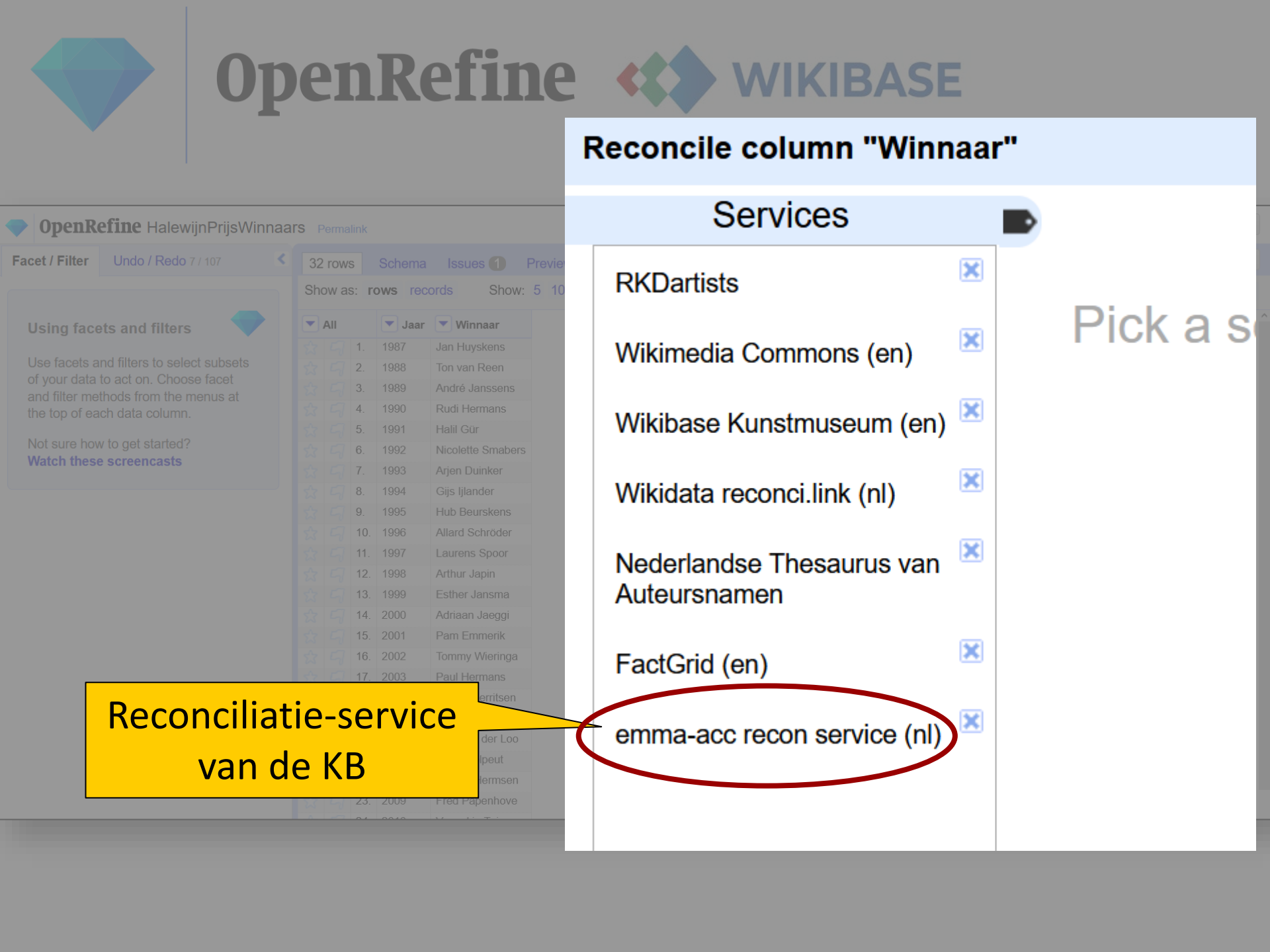
Show as: rows records
Watch these screencasts


OpenRefine
WIKIBASE
Reconcile column "Winnaar"
Services
RKDartists
Wikimedia Commons (en)
Wikibase Kunstmuseum (en)
Wikidata reconci.link (nl)
Nederlandse Thesaurus van Auteursnamen
FactGrid (en)
emma-acc recon service (nl)
Reconciliatie-service van de KB
OpenRefine HalewijnPrijsWinnaars
Permalink
Facet / Filter
Undo / Redo 7 / 107
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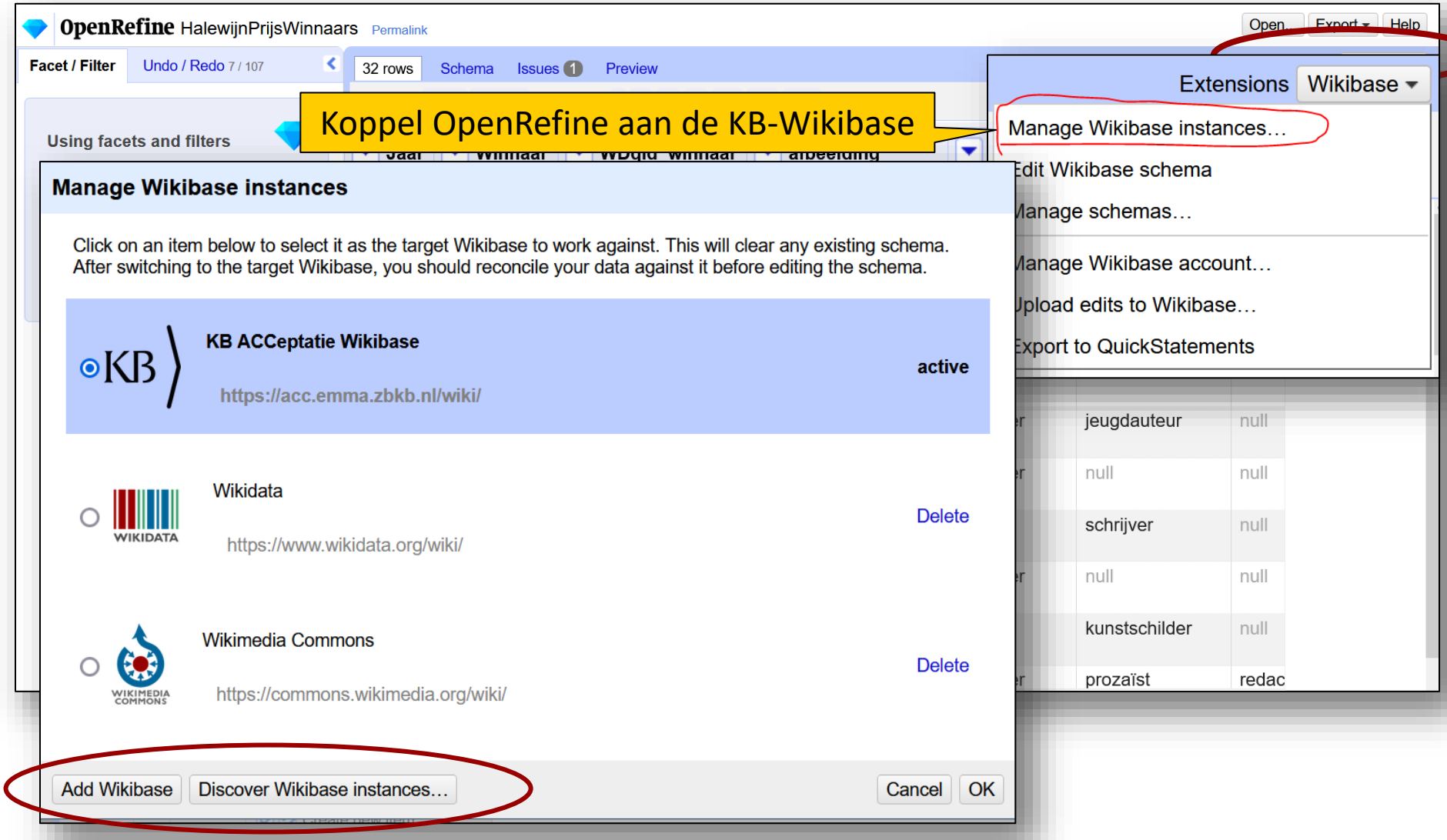
10. 1996 Allard Schröder
11. 1997 Laurens Spoor
12. 1998 Arthur Japin
13. 1999 Esther Jansma
14. 2000 Adriaan Jaeggi
15. 2001 Pam Emmerik
16. 2002 Tommy Wieringa
17. 2003 Paul Hermans

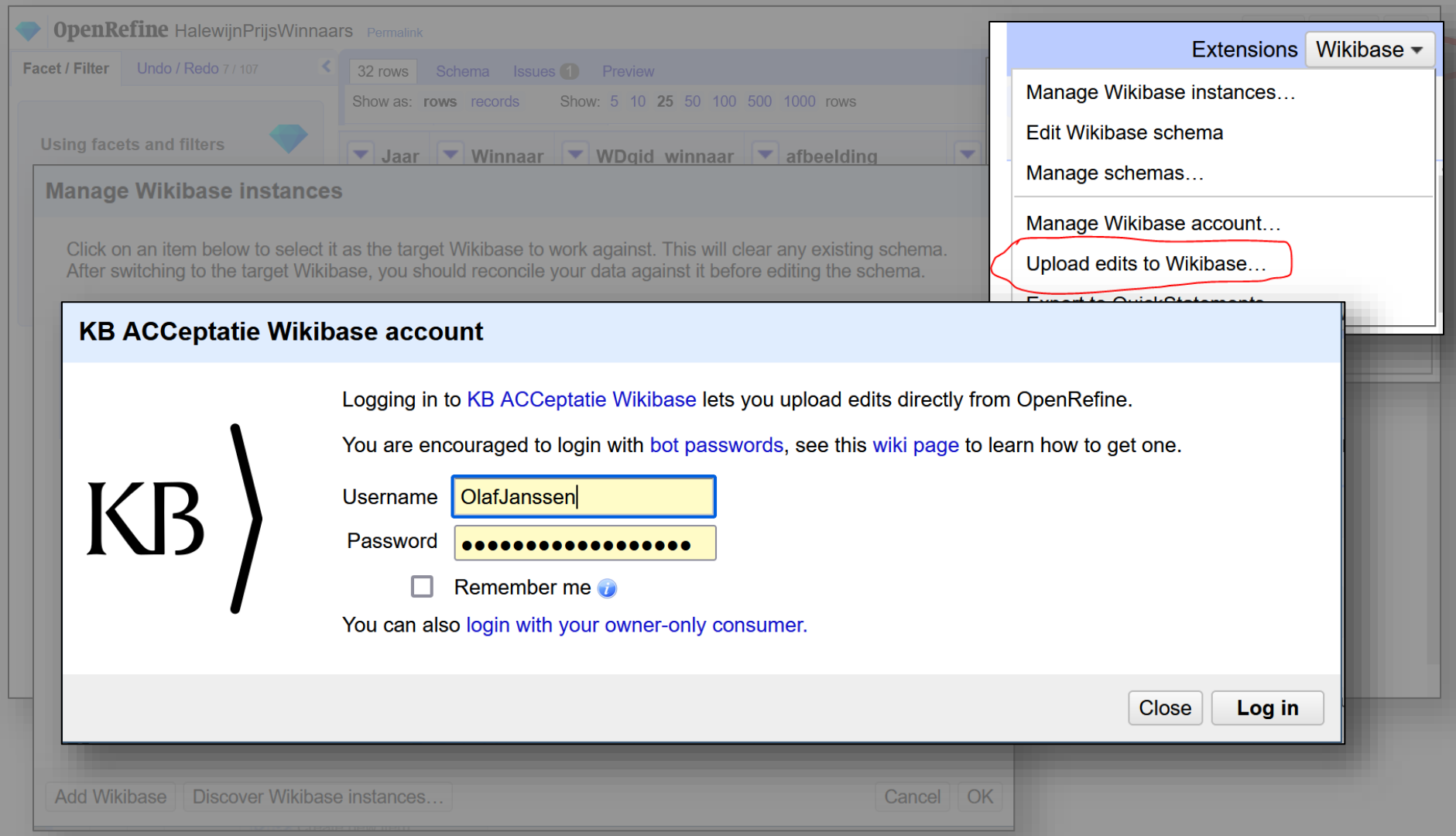
Scenario 2

We willen (nieuwe, verrijkte, verbeterde) data wegschrijven in (bv.) de KB Wikibase



Scenario 2

We willen (nieuwe, verrijkte, verbeterde) data wegschrijven in (bv.) de KB Wikibase



Hoe werkt dit precies?

Version: 3.5

Reconciling with Wikibase

The Wikidata reconciliation service for OpenRefine supports:

- A large number of potential types to reconcile against
- Previewing and viewing entities
- Suggesting entities, types, and properties
- Augmenting your project with more information pulled from Wikidata.

You can find documentation and further resources on the reconciliation API here.

For the most part, Wikidata reconciliation behaves the same way other reconciliation services do, but there are a few processes and features specific to Wikidata.

Version: 3.5

Connecting OpenRefine to a Wikibase instance

This page explains how to connect OpenRefine to any Wikibase instance. If you just want to work with Wikidata, you can ignore this page as Wikidata is configured out of the box in OpenRefine.

For Wikibase end users

All you need to configure OpenRefine to work with a Wikibase instance is a *manifest* for that instance, which provides some metadata and links required for the integration to work.

We offer some off-the-shelf manifests for some public Wikibase instances in the wikibase-manifests repository. But the administrators of your Wikibase instance should provide one that is potentially more up to date, so it makes sense to request it to them first.

For Wikibase administrators

To let your users contribute to your Wikibase instance with Open

currently no canonical location

explains the fo

User Manual › Wikibase, Wikidata and Wikimedia Commons › Uploading edits

Uploading edits to Wikibase

This page explains how to upload your edits to the target Wikibase. It assumes you already have a created a Wikibase sche
OpenRefine project.

Uploading with Ope

- Click Wikidata → Upload edits to Wikidata.
- Log in with your personal account or your b
  practice to use a bot password.
- Supply a meaningful edit summary. This is
  as one edit: if you are making multiple char
  change you made. If you are making atomi
  be more meaningful. If supported by your W
  track and analyze your edit batch after uplo
- Click Perform edits and wait for the operatio
  contributions or the EditGroups tool.

Because performing edits in OpenRefine counts
do so, you should also include the operation tha
names in the schema match those of the OpenR

Uploading with Quic

README.md

OpenRefine-KB-Wikibase

Files for interaction between OpenRefine and KB Wikibases.

Latest update: 30-08-2023

Purpose: reconciling and uploading data to Wikibases of the KB, using Openfine

KB Wikibase services overview

Wikibase instances

- SAND: https://kbtestwikibase.wikibase.cloud/wiki/Main_Page (non-official sandbox/prototyping WB instan
  part of the KB IT infrastructure)
- TEST: https://test.emma.zbkb.nl (formal TEST WB instance, part of the IT-infra of the KB)
- ACC : https://acc.emma.zbkb.nl (formal ACCeptance WB instance, part of the IT-infra of the KB)
- PROD: https://prod.emma.zbkb.nl (internal, formal PRODuction WB instance, part of the IT-infra of the KB)

SPARQL query services

- SAND: https://kbtestwikibase.wikibase.cloud/query/ (non-official sandbox/prototyping WB query service, no
  of the KB IT infrastructure)
- TEST: https://test.emma.zbkb.nl/query/ (formal TEST query service)
- ACC : https://acc.emma.zbkb.nl/query/ (formal ACCeptance query service)
- PROD: https://prod.emma.zbkb.nl/query/ (internal, formal PRODuction query service)

Reconcilation services (for OpenRefine)

WIKIVERSITY

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Resource Discuss Read Edit source View history Search Wikiversity

OpenRefine to Wikibase: Data Upload Pipeline

Guidelines by Lozana Rossenova and Lucia Sohmen

This guidelines document was prepared at TIB's Open Science Lab (OSL) alongside the development of an MVP (minimum viable product) for the enrichment of 3D media files with semantic metadata within the context of Task Area 1: Data Capture and Enrichment of the NFDI4Culture consortium. The MVP builds on several existing FOSS tools:

- OpenRefine, a data cleaning, reconciliation and batch upload tool;
- Wikibase, a suite of services developed by Wikimedia Germany; it combines the ability to handle large volumes of data points within a linked open data environment, which includes sophisticated data querying and extraction services via a dedicated SPARQL endpoint;
- Kompakkt, a browser-based open-source 3D- and multimedia viewer Kompakkt with built-in collaborative annotation features.

The integrated suite of tools follows FAIR principles and facilitates linking 3D-objects and annotations, and their cultural context (including historical people and places, geo-location and capture-technology metadata), to the broader semantic web and various national and international authority records (GND, VIAF and more).

This guide focuses on the first two tools part of the toolchain: OpenRefine and Wikibase. The following sections present a complete workflow, from starting to collect and structure data in spreadsheets, to transforming and reconciling data via OpenRefine, and finally to reviewing the different options for uploading your data to a Wikibase instance.

Contents [show]

Data collection [edit source]

You should start thinking about how your data should be prepared for a linked data environment while you are collecting it. This can save redundant work later on when you are transforming and preparing your data for upload. A common format for data collection is a tabular or spreadsheet format – either prepared in MS-Excel, or a different software application that allows for CSV (comma-separated values) output. However, if the data you want to work with is already stored in an existing content management system or data repository, you will have to extract this data in a format supported by OpenRefine. Supported formats include: TSV, CSV, *SV, Excel (.xls and .xlsx), JSON, XML, RDF as XML, and Google Data documents.

Preparing your data: When collecting and preparing data to be uploaded to a machine-readable database, there are several principles that are important to keep in mind.

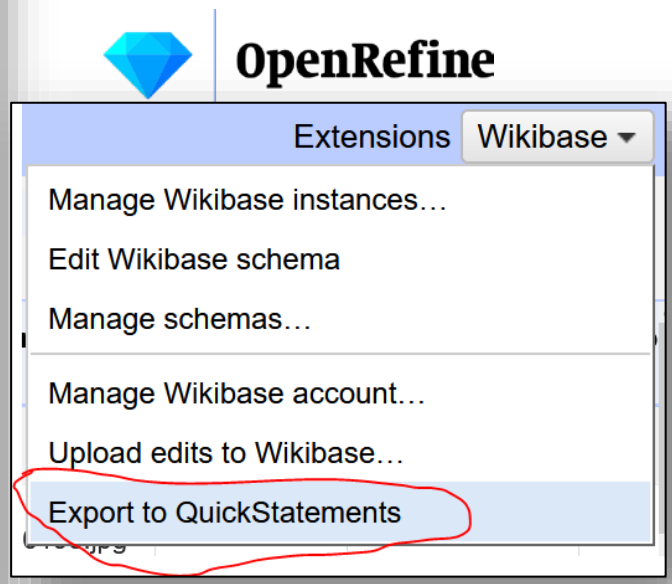
Entity simplicity [edit source]

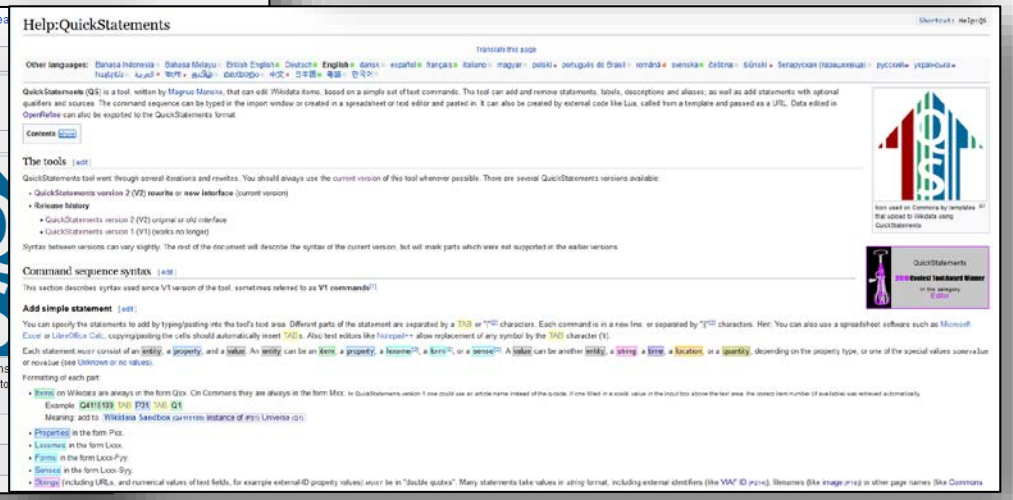
https://en.wikiversity.org/wiki/OpenRefine_to_Wikibase:_Data_Upload_Pipeline -- https://docs.openrefine.org/manual/wikibase/configuration -- https://docs.openrefine.org/manual/wikibase/reconciling -- https://openrefine.org/docs/manual/wikibase/uploading -- https://github.com/KBNLresearch/OpenRefine-Wikibase

recon service)

3) QuickStatements (in bulk)

"Van (geformateerde) .txt of .csv naar Wikibase"





https://meta.wikimedia.org/wiki/QuickStatements -- https://kbtestwikibase.wikibase.cloud/tools/quickstatements/#/batch -- https://www.wikidata.org/wiki/Help:QuickStatements

4) Geavanceerde import tools

- **WikibaseImport**, a MediaWiki extension
  https://github.com/Wikidata/WikibaseImport
- **WikibaseIntegrator**, a Python library
  https://github.com/LeMyst/WikibaseIntegrator + https://pypi.org/project/wikibaseintegrator/0.11.2/
- **WikidataIntegrator,** a Python library
  https://github.com/SuLab/WikidataIntegrator + https://zenodo.org/record/8004921
- **WikibaseSync**, a Python library
  https://github.com/the-qa-company/WikibaseSync + https://wikibase.the-qa-company.com/wiki/WikibaseSync_-_Tutorial
- **wikibase-edit**, a NodeJS library
  https://github.com/maxlath/wikibase-edit + https://github.com/maxlath/wikibase-edit/blob/master/docs/how_to.md
- **wikibase-cli**, a command-line interface
  https://github.com/maxlath/wikibase-cli
- **VanDerBot**, a Python application
  https://heardlibrary.github.io/digital-scholarship/lod/wikibase/load/ + https://github.com/HeardLibrary/linked-data/tree/master/vanderbot
- **Pywikibot**, a Python library
  https://www.mediawiki.org/wiki/Manual:Pywikibot + https://github.com/wikimedia/pywikibot +
  https://doc.wikimedia.org/pywikibot/stable/scripts/wikibase.html
- **RaiseWikibase**, a Python tool
  https://github.com/UB-Mannheim/RaiseWikibase
- **Wikidata-Toolkit**, a Java library
  https://www.mediawiki.org/wiki/Wikidata Toolkit + https://github.com/Wikidata/Wikidata-Toolkit

Wikibase community

1) Wikibase Community User Group

Wikibase Community User Group

The **Wikibase Community User Group** exists to support Wikibase as an entity distinct from Wikidata. Its mission is to cultivate Wikibase's development and to encourage like-minded developers and data analysts not only to improve Wikibase's existing tools but also to create new ones.

The overall objectives are to provide an alternative space for people interested in Wikibase to see how people can use it, and encourage others to expand on these ideas to push the software further. This would be similar to what happened with MediaWiki, where outside developers and community developers used the software, and created a bunch of tools, extensions and apps. This increased the use of the software around the Internet, with these tools then assisting the Wikimedia community by bringing developers into it that would otherwise not have been there.

Contents show

Objectives [edit]

The objectives of the Wikibase Community User Group are:

- Provide technical documentation related to a project the participants are working on as it relates to Wiki
- Provide a list of resources for other members of the community to have easy access to inside the Wikim other related pieces of software.
- Do new and interesting things using Wikibase that are different than many of the developers at the WMF project the participants are working on and the wider community.
- Encourage the creation of a bigger developer community around Wikibase.
- Provide documentation on data normalization that can be used by less technically-minded data people who want a pre-packaged data analysis software tool like Wikibase and its query engine.

The overall objective would be to provide an alternative space for people interested in Wikibase to see how people can use it, and encourage others to expand on these ideas to push the software further. This would be similar to what happened with Mediawiki, where outside developers and community developers used the software, and created a bunch of tools and extensions and apps. This increased the use of the software around the Internet, with these tools then assisting the Wikimedia community by bringing developers into it that would otherwise not have been there.

Activities [edit]

There are several general types of activities the group are engaging in. These include:

- Create technical documentation on how to use Wikibase.
- Update Wikibase Community User Group pages to include links to documentation regarding Wikibase, links to data normalization for data input into Wikibase and links to other documentation the group creates to make it easier for others to use Wikibase and its related software like the query engine.
- Make tools the group is working on more public and usable by the wider community.
- Chat with other developers and people using or wanting to use Wikibase.
- Present at conferences.
- Attract like-minded developers to work on Wikibase.

Specific upcoming events that the group is working on trying to organize:

- Consult more with WMDE to see how they can support us and we can provide feedback on Wikibase, from both a technical and workflow perspective.
- Create documentation about upgrading Mediawiki and Wikibase, as no process exists for this as Wikibase software is currently not upgradable.

Its mission is to cultivate Wikibase's development and to encourage like-minded developers and data analysts not only to improve Wikibase's existing tools but also to create new ones.

WIKIBASE

WIKIMEDIA
OVEMENT AFFILIATES

affiliates portal

eetings
Committee
- Affiliate creation guides
- Agreements
- Board seats
- WMF grants to affiliates

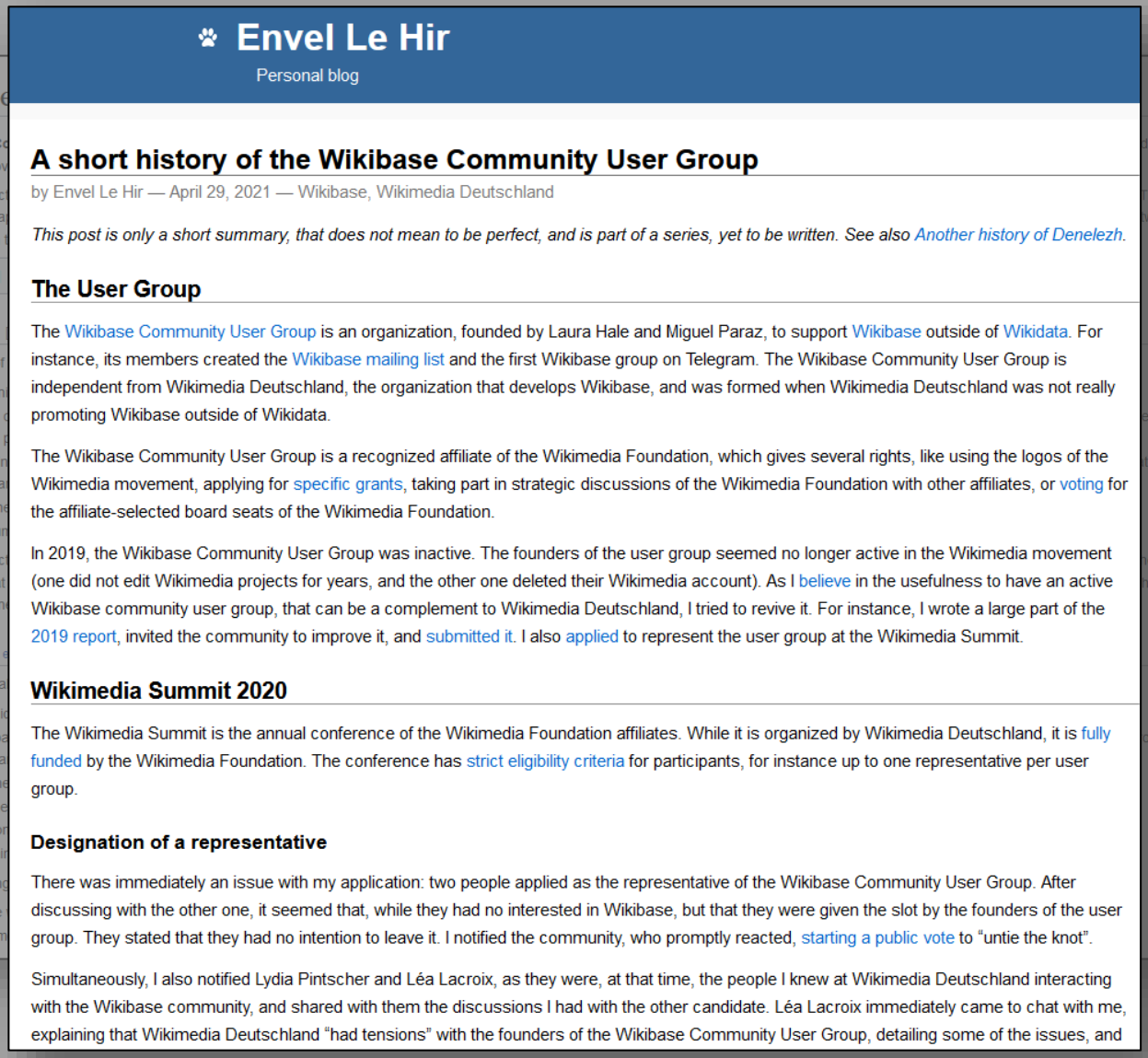
Chapters (38) [Expand]

Thematic organizations (2) [Expand]

Wikimedia user groups (141) [Expand]

https://meta.wikimedia.org/wiki/Wikibase_Community_User_Group

WBCUG geschiedenis



Envel Le Hir

Personal blog

A short history of the Wikibase Community User Group

by Envel Le Hir — April 29, 2021 — Wikibase, Wikimedia Deutschland

This post is only a short summary, that does not mean to be perfect, and is part of a series, yet to be written. See also Another history of Denelezh.

The User Group

The Wikibase Community User Group is an organization, founded by Laura Hale and Miguel Paraz, to support Wikibase outside of Wikidata. For instance, its members created the Wikibase mailing list and the first Wikibase group on Telegram. The Wikibase Community User Group is independent from Wikimedia Deutschland, the organization that develops Wikibase, and was formed when Wikimedia Deutschland was not really promoting Wikibase outside of Wikidata.

The Wikibase Community User Group is a recognized affiliate of the Wikimedia Foundation, which gives several rights, like using the logos of the Wikimedia movement, applying for specific grants, taking part in strategic discussions of the Wikimedia Foundation with other affiliates, or voting for the affiliate-selected board seats of the Wikimedia Foundation.

In 2019, the Wikibase Community User Group was inactive. The founders of the user group seemed no longer active in the Wikimedia movement (one did not edit Wikimedia projects for years, and the other one deleted their Wikimedia account). As I believe in the usefulness to have an active Wikibase community user group, that can be a complement to Wikimedia Deutschland, I tried to revive it. For instance, I wrote a large part of the 2019 report, invited the community to improve it, and submitted it. I also applied to represent the user group at the Wikimedia Summit.

Wikimedia Summit 2020

The Wikimedia Summit is the annual conference of the Wikimedia Foundation affiliates. While it is organized by Wikimedia Deutschland, it is fully funded by the Wikimedia Foundation. The conference has strict eligibility criteria for participants, for instance up to one representative per user group.

Designation of a representative

There was immediately an issue with my application: two people applied as the representative of the Wikibase Community User Group. After discussing with the other one, it seemed that, while they had no interested in Wikibase, but that they were given the slot by the founders of the user group. They stated that they had no intention to leave it. I notified the community, who promptly reacted, starting a public vote to "untie the knot".

Simultaneously, I also notified Lydia Pintscher and Léa Lacroix, as they were, at that time, the people I knew at Wikimedia Deutschland interacting with the Wikibase community, and shared with them the discussions I had with the other candidate. Léa Lacroix immediately came to chat with me, explaining that Wikimedia Deutschland "had tensions" with the founders of the Wikibase Community User Group, detailing some of the issues, and

https://www.lehir.net/a-short-history-of-the-wikibase-community-user-group/

WBCUG leden

Interested in participating [edit]

- Mardetanha talk 06:31, 1 November 2017 (UTC) [reply]
- --MParaz (talk) 12:05, 1 November 2017 (UTC) [reply]
- Susanna Ånäs (Susannaanas) (talk) 11:18, 29 January 2018 (UTC) [reply]
- --Abbe98 (talk) 11:32, 29 January 2018 (UTC) [reply]
- Tero Toivanen 20:33, 29 January 2018 (UTC) [reply]
- Daniel Mietchen (talk) 15:55, 13 February 2018 (UTC) [reply]
- --Andrawaag (talk) 15:59, 13 February 2018 (UTC) [reply]
- --Giuseppe Profiti (Baruneju) (talk) 16:02, 13 February 2018 (UTC) [reply]
- --Papuass (talk) 21:11, 14 February 2018 (UTC) [reply]
- despens (talk) 12:33, 20 February 2018 (UTC) [reply]
- --Jens Ohlig (WMDE) (talk) 11:21, 28 February 2018 (UTC) [reply]
- --K4-713 (talk) 13:31, 24 April 2018 (UTC) [reply]
- --Lozana Rossenova (talk) 11:19, 26 April 2018 (UTC) [reply]
- — 0x010C ~talk~ 08:09, 19 May 2018 (UTC) [reply]
- ·addshore· talk to me! 12:06, 27 August 2018 (UTC) [reply]
- Blue Rasberry (talk) 16:01, 21 September 2018 (UTC) [reply]
- Rolery02 (talk) 17:42, 21 September 2018 (UTC) [reply]
- Pharos (talk) 17:55, 21 September 2018 (UTC) [reply]
- Joalpe (talk) 09:59, 4 November 2018 (UTC) [reply]
- Smallison (talk) 14:56, 14 November 2018 (UTC) [reply]
- *Marajozkee 10:41, 26 November 2018 (UTC) [reply]
- Jelabra (talk(18:12, 02 December 2018 (UTC) [reply]
- Sannita - *not just another it.wiki sysop* 16:41, 8 December 2018 (UTC) [reply]
- —M@sssly 12:10, 10 December 2018 (UTC) [reply]
- Ivanhercaz | User talk 14:50, 4 February 2019 (UTC) [reply]
- Pdehaye (talk) 15:34, 5 February 2019 (UTC) [reply]
- LucaMauri (talk) 20:40, 24 February 2019 (UTC) [reply]
- –SJ talk 13:04, 26 May 2019 (UTC) [reply]
- --Anchardo (talk) 10:03, 1 June 2019 (UTC) [reply]
- VIGNERON * discut. 14:03, 2 July 2019 (UTC) [reply]
- UJung (talk) 21:10, 17 August 2019 (UTC) [reply]
- Csisc (talk) 18:07, 27 August 2019 (UTC) [reply]
- 朝彦 | Asahiko (talk) 05:50, 28 September 2019 (UTC) [reply]
- Jumtist (talk) 12:19, 30 October 2019 (UTC) [reply]
- Envlh (talk) 20:23, 17 November 2019 (UTC) [reply]
- Fuzheado (talk) 09:52, 16 December 2019 (UTC) [reply]
- --Johanricher (talk) 13:51, 27 January 2020 (UTC) [reply]
- --Wossabock (talk) 09:01, 11 February 2020 (UTC) [reply]
- Myst (talk) 19:26, 20 February 2020 (UTC) [reply]
- Sylvain Leroux (talk) 22:25, 15 April 2020 (UTC) [reply]
- Wikilover90 (talk)
- Philosophoraptor (talk)
- --Harald Lordick (talk) 16:13, 25 June 2020 (UTC) [reply]
- freemoth (talk)
- Salgo60 (talk) 11:46, 4 July 2020 (UTC) [reply]
- Sbae2020 (talk)
- TrMendenhall (talk) 17:13, 17 July 2020 (UTC) [reply]
- MavropaliasG (talk) 05:35, 30 August 2020 (UTC) [reply]
- Kaizenify (talk) 02:41, 11 September 2020 (UTC) [reply]
- Saarik (talk) 11:19, 9 November 2020 (UTC) [reply]
- Johentsch (Johentsch) 13:27, 13 November 2020 (UTC) [reply]
- Gbergamin (talk) 09:04, 1 January 2021 (UTC) [reply]
- Olaf Simons (talk) 14:46, 23 January 2021 (UTC) [reply]
- Em-mustapha User | talk 17:19, 25 March 2021 (UTC) [reply]
- GiFontenelle (talk) 18:18, 29 March 2021 (UTC) [reply]
- GreenReaper (talk) 17:54, 13 April 2021 (UTC) [reply]
- Fischerdata (talk) 14:24, 27 April 2021 (UTC) [reply]
- Shahadusadik (talk) 16:20, 29 April 2021 (UTC) [reply]
- VisbyStar (talk) 20:37, 8 June 2021 (UTC) [reply]
- -- Buccalon (talk) 13:05, 11 June 2021 (UTC) [reply]
- Camelia (talk) 11:09, 25 August 2021 (UTC) [reply]
- ShiehJ (talk) 16:19, 29 October 2021 (UTC) [reply]
- Nehaoua (talk) 16:21, 29 October 2021 (UTC) [reply]
- Hogü-456 (talk) 16:57, 31 October 2021 (UTC) [reply]
- --DerHisto (talk) 15:16, 7 December 2021 (UTC) [reply]
- --Physikerwelt (talk) 21:38, 17 December 2021 (UTC) [reply]
- Aliyu shaba]]Talk 03:47, 27 April 2022 (UTC) [reply]
- Finn Årup Nielsen (fnielsen) (talk) 13:44, 14 June 2022 (UTC) [reply]
- Simon Cobb (Sic19 ; talk page) 21:51, 24 June 2022 (UTC) [reply]
- So9q (talk) 18:23, 1 July 2022 (UTC) [reply]
- Musaddam Idriss (talk) 10:49, 29 August 2022 (UTC) [reply]
- Beireke1 (talk) 09:24, 5 September 2022 (UTC) [reply]
- --Uomovariabile (talk) 11:44, 26 September 2022 (UTC) [reply]
- Subodh (talk) 14:01, 10 October 2022 (UTC) [reply]
- Christoph Jackel (WMDE) 14:48, 27 October 2022 (UTC) [reply]
- Mlemusrojas (talk) 19:39, 27 October 2022 (UTC) [reply]
- Wd-Ryan (talk) 23:10, 9 November 2022 (UTC) [reply]
- Jason.nlw (talk) 14:33, 18 November 2022 (UTC) [reply]
- OlafJanssen (talk) 15:16, 2 December 2022 (UTC) [reply]
- Itzedubaba (talk) 10:27, 4 December 2022 (UTC) [reply]
- --Atibrarian (talk) 21:15, 15 December 2022 (UTC) [reply]
- --Moebeus (talk) 19:15, 11 January 2023 (UTC) [reply]
- --Tris T7 TT me 00:13, 15 January 2023 (UTC) [reply]
- Dedris (talk) 16:22, 26 January 2023 (UTC) [reply]
- Macocobovi (talk) 15:07, 8 February 2023 (UTC+1)
- RukayatAjeigbe (talk) 02:10, 11 March 2023 (UTC) [reply]
- Zblace (talk) 10:06, 7 April 2023 (UTC) [reply]
- Elilopes (talk) 17:04, 20 April 2023 (UTC) [reply]
- Elwin Huaman (talk) 10:23, 24 April 2023 (UTC) [reply]
- TiagoLubiana (talk) 13:30, 19 May 2023 (UTC) [reply]
- 787IYO (talk) 19:52, 6 June 2023 (UTC) [reply]
- Akbar Soepadhi (talk) 20:42, 6 June 2023 (UTC) [reply]
- Bodhisattwa (WMDE) (talk) 08:59, 18 June 2023 (UTC) [reply]
- Omorodion1 (talk) 08:23, 24 June 2023 (UTC) [reply]
- David Lindemann (talk) 15:26, 12 July 2023 (UTC) [reply]

https://meta.wikimedia.org/wiki/Wikibase_Community_User_Group

WBCUG maandelijkse online bijeenkomsten

Category:Wikibase Community User Group/Meetings

Help

The **Wikibase Live sessions** are monthly 1 hr calls that bring the Wikibase Community together to talk and discuss among ourselves, share ideas, and learn about what others are doing with Wikibase as software. This category contains archives of past sessions.

Subcategories

This category has only the following subcategory.

N

- Wikibase Community User Group/Meetings/Notes (13 pages)

Pages in category "Wikibase Community User Group/Meetings"

The following 26 pages are in this category, out of 26 total.

2

- Wikibase Community User Group/Meetings/2020-02-20
- Wikibase Community User Group/Meetings/2020-07-02
- Wikibase Community User Group/Meetings/2020-08-06
- Wikibase Community User Group/Meetings/2020-09-03
- Wikibase Community User Group/Meetings/2020-10-01
- Wikibase Community User Group/Meetings/2020-11-12
- Wikibase Community User Group/Meetings/2020-12-17
- Wikibase Community User Group/Meetings/2021-02-11
- Wikibase Community User Group/Meetings/2021-03-25
- Wikibase Community User Group/Meetings/2021-04-29
- Wikibase Community User Group/Meetings/2021-05-27
- Wikibase Community User Group/Meetings/2021-06-09
- Wikibase Community User Group/Meetings/2021-06-24
- Wikibase Community User Group/Meetings/2021-07-29
- Wikibase Community User Group/Meetings/2021-08-26
- Wikibase Community User Group/Meetings/2021-09-30
- Wikibase Community User Group/Meetings/2021-10-31
- Wikibase Community User Group/Meetings/2021-11-25
- Wikibase Community User Group/Meetings/2021-12-30
- Wikibase Community User Group/Meetings/2022-01-27
- Wikibase Community User Group/Meetings/2022-02-24
- Wikibase Community User Group/Meetings/2022-03-31
- Wikibase Community User Group/Meetings/2022-04-28
- Wikibase Community User Group/Meetings/2022-06-30
- Wikibase Community User Group/Meetings/2022-10-27
- Wikibase Community User Group/Meetings/2022-11-24

Category: Wikibase Community User Group

***The Wikibase Live sessions** are monthly 1 hr calls that bring the Wikibase Community together to talk and discuss among ourselves, share ideas, and learn about what others are doing with Wikibase as software.*

https://meta.wikimedia.org/wiki/Category:Wikibase_Community_User_Group/Meetings

WBCUG mailinglist, Telegram

Postorius Lists Archives

Wikibase Community User Group

wikibaseug@lists.wikimedia.org

Samenvatting

Wikibase Community User Group

This mailing list is a forum for Wikibase users running their own installations - from source, or containerised distributions like Wikimedia Deutschland's.

It is home to the WMF-affiliated Wikibase Community User Group, which is also reachable via Telegram.

Questions on external use of the Wikidata Query Service and other tools are welcome - especially in relation to use-cases outside Wikimedia - as is development of new Wikibase tools and extensions or case-studies, or job postings involving Wikibase.

Topics specific to Wikidata (chat) or Wikibase.cloud (chat) should generally be addressed to the relevant lists or Telegram groups; cross-posting may be appropriate where interoperability with other Wikibase instances is a factor, or if the question is about Wikibase in general.

To contact the list owners, use the following email address: *wikibaseug-owner@list*

Archives

Archives

Subscription

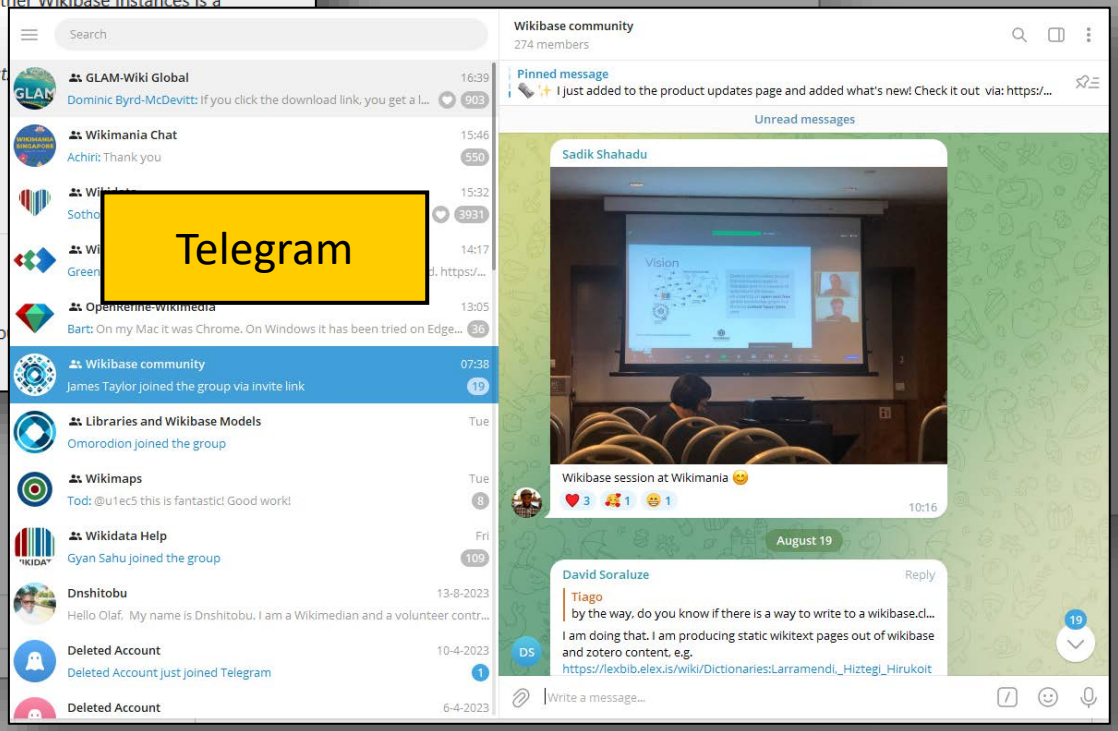
To subscribe or unsubscribe from this list, please log in first. If you have not previo
to set up an account with the appropriate email address.

Mailing list

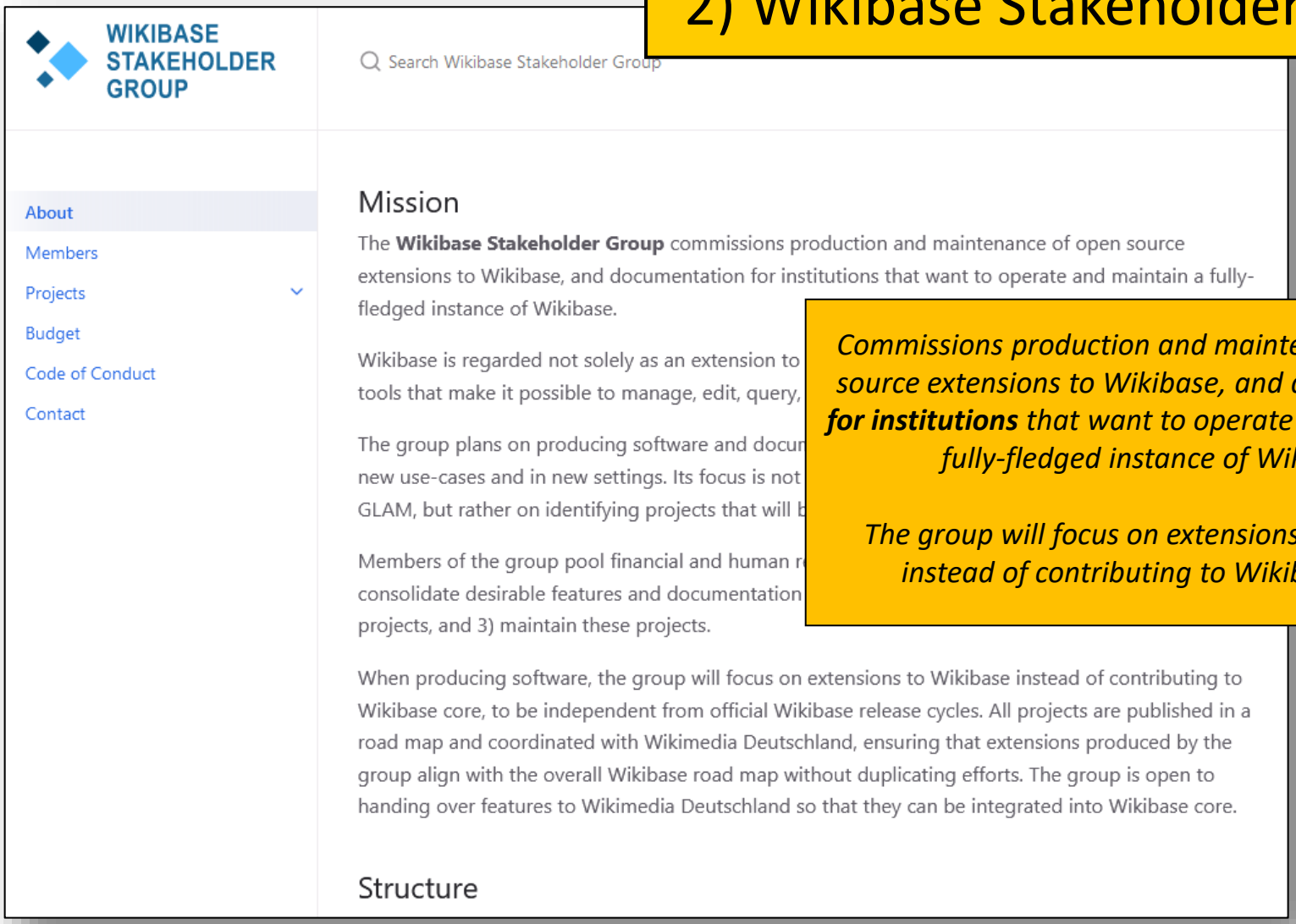
https://lists.wikimedia.org/postorius/lists/wikibaseug.lists.wikimedia.org/

Telegram

https://t.me/+WBsf9-C9KPuMZCDT
https://t.me/joinchat/HGjGexZ9NE7BwpXzMsoDLA



2) Wikibase Stakeholder Group



*Commissions production and maintenance of open source extensions to Wikibase, and documentation **for institutions** that want to operate and maintain a fully-fledged instance of Wikibase.*

The group will focus on extensions to Wikibase instead of contributing to Wikibase core.

https://wbstakeholder.group/about

WBSG leden

Group Members

Membership is open to organizations and individuals that are using Wikibase for relevant work and are willing to provide resources for towards the groups mission. If you're interested in joining, please get in touch via email to `dragan.espenschied@rhizome.org`.

1. Organizations
   1. Biodiversity Heritage Library
   2. Digital Scriptorium
   3. Dublin Core Metadata Initiative
   4. Enslaved.org
   5. FIZ Karlsruhe
   6. Gene Wiki
   7. OpenRefine
   8. Rhizome
   9. Semantic Lab at Pratt Institute
   10. TIB Hannover
   11. Trier Center for Digital Humanities
   12. UB Mannheim
   13. WESO Research Group
   14. Wikimedia Deutschland
2. Consultants
   1. Digitaal Werktuig
   2. IP Squared
   3. Micelio
   4. Professional Wiki
   5. The QA Company
3. Individual members

Individual members

- Adam Shorland
- Alexander Derveaux, FOMU - Fotomuseum Antwerpen
- Daniel Mietchen, Scholia
- David Fichtmueller, Botanic Garden and Botanical Museum (BGBM) Berlin
- David Lindemann, UPV/EHU University of the Basque Country
- Frieder Leipold, KU Leuven
- Graham Jevon, British Library
- Jackie Shieh, Smithsonian Libraries & Archives
- James Baker, Digital Humanities Hub, University of Southampton
- Jasper Koehorst, Wageningen University
- Jeff Mixter, OCLC Research
- Lane Rasberry, School of Data Science at the University of Virginia
- Laurence 'GreenReaper' Parry, Wikibase Community User Group
- Lucy Hinnie, British Library
- Maarten Trekels, Meise Botanic Garden
- Max Kristen, LMU Munich
- Núria Queralt Rosinach, Leiden University Medical Center
- Okko Vainonen, National Library of Finland
- Olaf Janssen, National Library of the Netherlands
- Paul-Olivier Dehaye, personaldata.io
- Quentin Groom, Meise Botanic Garden
- Richard Knipel
- Ross Spencer, Ravensburger AG
- Thomas Bauer, German National Library

https://wbstakeholder.group/members

WBSG maandelijkse online bijeenkomsten

Wikibase Stakeholder Group Meetings

- 2020-11-05
  - 2020-11-05 Voting on next steps
- 2020-11-26
- 2021-02-19
- 2021-03-12
- 2021-04-15
- 2021-05-20
- 2021-06-17
- 2021-07-08
- 2021-09-16
- 2021-10-14
- 2021-10-31
- 2021-11-11
- 2021-12-09
- 2022-02-03
- 2022-03-03
- 2022-04-07
- 2022-05-05
- 2022-06-02
- 2022-07-07
- 2022-09-22
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- 2022-10-06
- 2022-11-03
- 2022-12-08
- 2023-01-12
- 2023-02-02
- 2023-03-09
- 2023-04-13
- 2023-05-11
- 2023-06-01
- 2023-07-06

https://notepad.rhizome.org/wikibase-stakeholder-meetings#

WBSG Loomio, Mastodon & Twitter

Wikibase Stakeholder Group

The Wikibase Stakeholder Group commissions production and maintenance of open source extensions to Wikibase, and documentation for institutions that want to operate and maintain a fully-fledged instance of Wikibase.

BORDEN PEILINGEN LEE

openen labels Zoek borden in W

AD ICS / iCal calendar of future meetings?
8 replies 3 unread · Laatst actief augustus 23

WBSG Governance and Grant Funding
3 replies 1 unread · Laatst actief augustus 23

Group infrastructure group infrastructure
1 replies · Laatst actief augustus 21

AD Dockerized Wikibase and extensions
14 replies 14 unread · Laatst actief april 19

Secured Wikibase
2 replies · Laatst actief februari 16

AW the WBS

Meeting Structure

Loomio

https://loomio.rhizome.org/wbsg/

Back

WIKIBASE STAKEHOLDER GROUP

Wikibase Stakeholder Group
@wbstakeholders@mastodon.social

The Wikibase Stakeholder Group commissions production and maint
source extensions to Wikibase

JOINED
Nov 13, 2021

WEBSITE
✔ wbstakeholder.group

ALSO ON TWITTER
twitter.com/wbstakeholders

19 Posts **12** Following **50** Followers

Posts Posts and replies

Pinned post

Wikibase Sta
@wbstakeholders

2021 has been a big year for our group founded in the fall of 2020
we refined our structure & our vision, and grew our community. Le
our journ etings.

Mastodon

https://mastodon.social/web/@wbstakeholders

Wikibase Stakeholder Group
103 posts

WIKIBASE STAKEHOLDER GROUP

Volgend

Wikibase Stakeholder Group
@wbstakeholders

The Wikibase Stakeholder Group commissions production and maintenance of open source extensions to Wikibase

wbstakeholder.group Lid sinds november 2021

6 Volgend **190** Volgers

Gevolgd door Wikibase.Cloud, Simon Cobb en 11 anderen die jij volgt

Posts Antwoorden Media Vind-ik-leuks

Vastgemaakt

Wikibase Stak · 21 dec. 2021
2021 has been n the fall of 2020. During
this year we ref d grew our community.
Learn more abo of our 2021 community
meetings. (1/12
[2021 gif via Giffy]

Twitter

https://twitter.com/wbstakeholders

3) Wikibase Kennisgroep Nederland

Voor iedereen in Nederland die met Wikibase werkt, wil gaan werken of anderszins geïnteresseerd is in deze software.
Voornamelijk voor - maar zeker niet beperkt tot - professionals uit Nederlandse erfgoed- en kennisinstellingen, en aanverwante organisaties en bedrijven.

Dutch Wikibase knowledge group [edit]

Early 2022 the KB noticed an increasing interest in Wikibase within Dutch heritage and knowled
set up a **Dutch Wikibase knowledge group**.

Aim [edit]

The aim of this group is to bundle and exchange knowledge & experiences about the use of Wikibase, to learn from each other, and to keep each other informed about the (international) developments and opportunities surrounding Wikibase.

Membership [edit]

Membership is open to everyone in the Netherlands who already works with Wikibase, wants to work with, or is otherwise interested in this software. Mainly for - but certainly not limited to - professionals from Dutch heritage and knowledge institutions, and related organizations and companies. Current members represent the following institutions: KB, national library of the Netherlands - Kunstmuseum The Hague - Treasor - Wageningen University - Erfgoed Leiden en Omstreken - Wikimedia Netherlands - OpenRefine - Micelio - IP Squared - Digitaalwerktuig.nl - Dutch Digital Heritage Network (NDE) - Naturalis Biodiversity Center - African Studies Centre Leiden - Dutch Cultural Heritage Agency (RCE)

Members bring and gain a diversity of knowledge, experience and resources: some are forerunners already doing advanced things with Wikibase, while others have only just started their journeys of discoveries. Some join the meetings just to listen, others share information actively. Some are mainly interested in the technical aspects of Wikibase, others in the organizational ones. Every member can participate from his/her own interests, needs and strengths.

Interested in joining? Or do you know somebody who might be interested? Please contact the Wikimedia coordinator of the KB, Olaf Janssen.

Communication channels [edit]

- To learn more: contact the Wikimedia coordinator of the KB, Olaf Janssen.
- Mailingslist: wikibase-nl@lists.wmnederland.nl
- Collaboration environment (Loomio): https://loomio.rhizome.org/wbgn/ (login required)

https://www.wikidata.org/wiki/Wikidata:GLAM/Koninklijke_Bibliotheek_Nederland/WikibaseActivities#Dutch_Wikibase_knowledge_group

WBGNL leden

	Naam	Organisatie	Rol/functie
2	Olaf Janssen	KB	Wikimedia-coordinator
3	Danielle Jansen	KB	
4	Sita Bhagwandin	KB	Metadataspecialist
5	Lauren Haaitsma	KB	Java-ontwikkelaar
6	Olav Kwakman	Tresoar	Teamleider ICT, Wikibase-contactpersoon
7	Luc de Vries	Tresoar	
8	Reem Weda	Tresoar	Metadataspecialist
9	Wietske Dotinga	Tresoar	Data-analist
10	Vincent de Keijzer	Kunstmuseum Den Haag	Projectleider
11	Danny Eijsermans	Kunstmuseum Den Haag	Applicatiebeheerder ICT
12	Hanno Lans	Datascape.nl	
13	Ellen Gehring	Erfgoed Leiden en Omstreken	Senior projectleider
14	Maarten Zeinstra	IP squared	Jurist en informatiemanager
15	Maarten Brinkerink	Digitaal Werktuig	Adviseur digitale cultuur en informatieverwerking
16	Andra Waagmeester	Micelio	Bio-informaticus
17	Sandra Fauconnier	OpenRefine	Directeur
18	Jasper Koehorst	Wageningen University	Onderzoeker
19	Michelle van Lanschot	WMNL	Projectleider
20	Bob Coret	KB/ NDE/Verbonden Erfgoed	
21	Annika Hendriksen	Naturalis	Projectcoördinator
22	Usula Oberst	Afrika Studiecentrum Universiteit leiden	Specialist wetenschappelijke informatie
23	Bart Boskaljon	RCE	Hoofd Erfgoeddata en Data management
24	Lotte Baltussen		
25	Monique van Gemert	KB	Informatie Analist, o.a. Wikibase
26	Melchior Keijdener	RCE	Projectleider Proof of concept Wikibase
27	Marieke Moolenaar	KB	
28	Evelien Zandbergen	Wikimedia Duitslands	Wikibase.cloud Product Manager
29	Ruben Schalk	RCE	
30	Coen van der Stappen	UB, Universiteit Utrecht	Procescoördinator digitalisering, conservering en bruiklenen
31	**Aantal = 29**		

• Collaboration environment (Loomio): https://loomio.rhizome.org/wbgn/ (login required)

WBGNL bijeenkomsten

Meetings [edit]

The group meets quarterly. The main goals are networking, knowledge sharing and keeping each other informed of developments and opportunities of Wikibase for GLAMs and knowledge institutions. At the start of each meeting, there is a short update on (inter)national Wikibase developments during the previous quarter. In addition, there are presentations in which institutions explain their Wikibase projects in more detail and share tips & tricks on how to use Wikibase and related tools (such as OpenRefine) to enrich and publish collections and data.

Meeting agendas and reports are available via the website of the Wikibase Stakeholder Group: https://wbstakeholder.group/events/presentations#netherlands-wikibase-knowledge-group (or see below).

2023 [edit]

For 2023, the group has planned four (quarterly) meetings.

5th meeting, 15 March 2023 [edit]

- Overview of recent Wikibase developments, period December 2022 - March 2023
- Pres by LR en DE - WBSG
- Pres by VW en EZ - WMDE
- Report & agenda (in Dutch)

15 March 2023 - Overview of recent Wikibase developments, period December 2022 - March 2023

2022 [edit]

4th meeting, 23 November 2022 [edit]

- Overview of recent Wikibase developments, period July-November 2022
- Setting up your own Wikibase reconciliation service (e.g. for OpenRefine).
- Review of Beyond Notability - Presentation slides
- Update Wikibase Luxemburg (LUDAP)
- Report & agenda (in Dutch)

https://www.wikidata.org/wiki/Wikidata:GLAM/Koninklijke_Bibliotheek_Nederland/WikibaseActivities#Meetings

WIKIBASE STAKEHOLDER GROUP

About
Members
Budget
Projects
Events
Workshops
Presentations
Publications
Code of Conduct
Contact

This site uses Just the Docs, a documentation theme for Jekyll.

Netherlands Wikibase Knowledge Group

5th meeting, 15 March 2023

- Overview of recent Wikibase developments, period December 2022-March 2023. By Olaf Janssen (KB, national library of the Netherlands).
- Report & agenda - concept (in Dutch).

4th meeting, 23 November 2022

- Overview of recent Wikibase developments, period July-November 2022. By Olaf Janssen (KB, national library of the Netherlands).
- Setting up your own Wikibase reconciliation service (e.g. for OpenRefine). By Olaf Janssen (KB, national library of the Netherlands) & Hanno Lans (Kunstmuseum The Hague). Also available on Slideshare.
- Review of Beyond Notability - slides. By Maarten Zeinstra (IP Squared).
- Update Wikibase Luxemburg (LUDAP). By Maarten Zeinstra (IP Squared).
- Report & agenda (in Dutch).

3rd meeting, 22 July 2022

- KB Wikibase.cloud unboxing experience, July 2022. Experiences and first impressions of the KB, national library of the Netherlands, with unboxing, setting up, configuring and tweaking their Wikibase.cloud test instance. Also available on Slideshare. By Olaf Janssen (KB, national library of the Netherlands).
- Overview of recent Wikibase developments, period May-June-July 2022. By Olaf Janssen (KB, national library of the Netherlands).
- OpenRefine and Wikibase: Status and plans 2022. By Sandra Fauconnier (OpenRefine).
- Report & agenda (in Dutch).

2nd meeting, 18 May 2022

- Overview of recent Wikibase developments, period March-April-May 2022. By Olaf Janssen (KB, national library of the Netherlands).
- Wikibase in the Kunstmuseum Den Haag / delftsaardewerk.nl. By Hanno Lans and Vincent de Keijzer (Kunstmuseum Den Haag)
- Introduction to the LUDAP project in Luxemburg. By Maarten Zeinstra (IP Squared) and Maarten Brinkerink (Digitaal Werktuig).
- Report & agenda (in Dutch).

Kick-off meeting, 11 March 2022

https://wbstakeholder.group/events/presentations#netherlands-wikibase-knowledge-group

WBGNL mailinglist, Loomio

Wikibase-nl -- Mailinglijst van de Nederlan

Over Wikibase-nl

Mailing list

Mailinglijst van de Nederlandse Wikibase kennisgroep (WBGN)

Deze groep is voor iedereen in Nederland die met Wikibase werkt, wil gaan
voor - maar zeker niet beperkt tot - professionals uit Nederlandse erfgoed- en

Om alle eerdere berichten op deze lijst te raadplegen, kijk in het Wikibase-nl
lijst.)

Gebruik van Wikibase-nl

Om een bericht naar alle leden van de lijst te sturen, adresseert u het aan:
wikibase-nl@lists.wmnederland.nl.

Hieronder kunt u uzelf aanmelden als lid van de lijst of uw persoonlijke inste

Aanmelden bij Wikibase-nl

Om u aan te melden bij Wikibase-nl vult u onderstaand formulier in. U krijgt
bevestigen, ter voorkoming van valse aanmeldingen. Dit is een besloten lijst,

https://lists.wmnederland.nl/mailman/listinfo/wikibase-nl

WIKIBASE

Wikibase Groep Nederland

Voor iedereen in Nederland die met Wikibase werkt, wil gaan werken of anderszins geïnteresseerd is in deze software. Voornamelijk voor - maar zeker niet beperkt tot - professionals uit Nederlandse erfgoed- en kennisinstellingen, en aanverwante organisaties en bedrijven.

Loomio

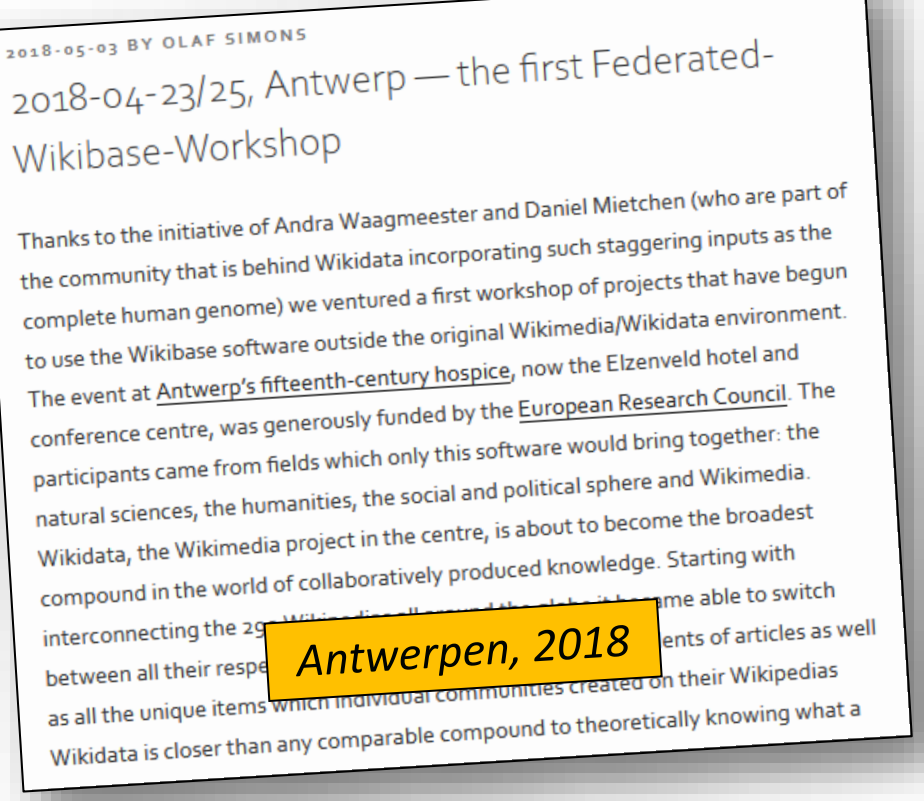
BORDEN | PEILINGEN | STANDEN | SUBGROEPEN

openen | labels | Zoek borden in Wikibase Groep Nederland | NIEUW BORD

- Organisatie fysieke doe/hack-bijeenkomst in augustus of september
  0 replies · Laatst actief juni 22
- Ledenlijst per 22 juni 2023 (Ledenlijst)
  9 replies · Laatst actief juni 22
- Links naar verslagen en agenda's van bijeenkomsten
  3 replies · Laatst actief februari 16

https://loomio.rhizome.org/wbgn/

Wikibase workshops, trainingen, meetups



2018-05-03 BY OLAF SIMONS

2018-04-23/25, Antwerp — the first Federated-Wikibase-Workshop

Thanks to the initiative of Andra Waagmeester and Daniel Mietchen (who are part of the community that is behind Wikidata incorporating such staggering inputs as the complete human genome) we ventured a first workshop of projects that have begun to use the Wikibase software outside the original Wikimedia/Wikidata environment. The event at Antwerp's fifteenth-century hospice, now the Elzenveld hotel and conference centre, was generously funded by the European Research Council. The participants came from fields which only this software would bring together: the natural sciences, the humanities, the social and political sphere and Wikimedia. Wikidata, the Wikimedia project in the centre, is about to become the broadest compound in the world of collaboratively produced knowledge. Starting with interconnecting the 29 Wikipedias all around the globe it became able to switch between all their respe ents of articles as well as all the unique items which individual communities created on their Wikipedias Wikidata is closer than any comparable compound to theoretically knowing what a

Antwerpen, 2018

https://blog.factgrid.de/archives/835

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Wikidata:WikiProject Wikidata for research/Meetups /2018-09-19-21-New-York

< Wikidata:WikiProject Wikidata for research | Meetups

The **Wikibase Summit New York** was the third workshop on **using Wikibase outside – but with close integration with – the Wikimedia ecosystem**. The previous editions were in Antwerp (April 2018) and Berlin. In Antwerp and Berlin the focus was respectively on infrastructure and modelling. The workshop in New York continued efforts on both topics, and also focused on UX and interfacing to a federated landscape of Wikibases.

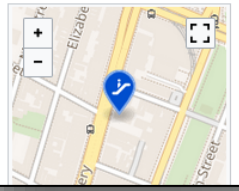
Hell, Yes! (Ugo Rondinone, on the facade of the New Museum)

- Category on Wikimedia Commons: https://commons.wikimedia.org/wiki/Category:Wikibase_Summit_New_York_September_2018
- Social media hashtag: #WikibaseNYC
- Phabricator board for tasks created: https://phabricator.wikimedia.org/tag/federated-wikibase-workshops_newyork-2018/

Contents [show]

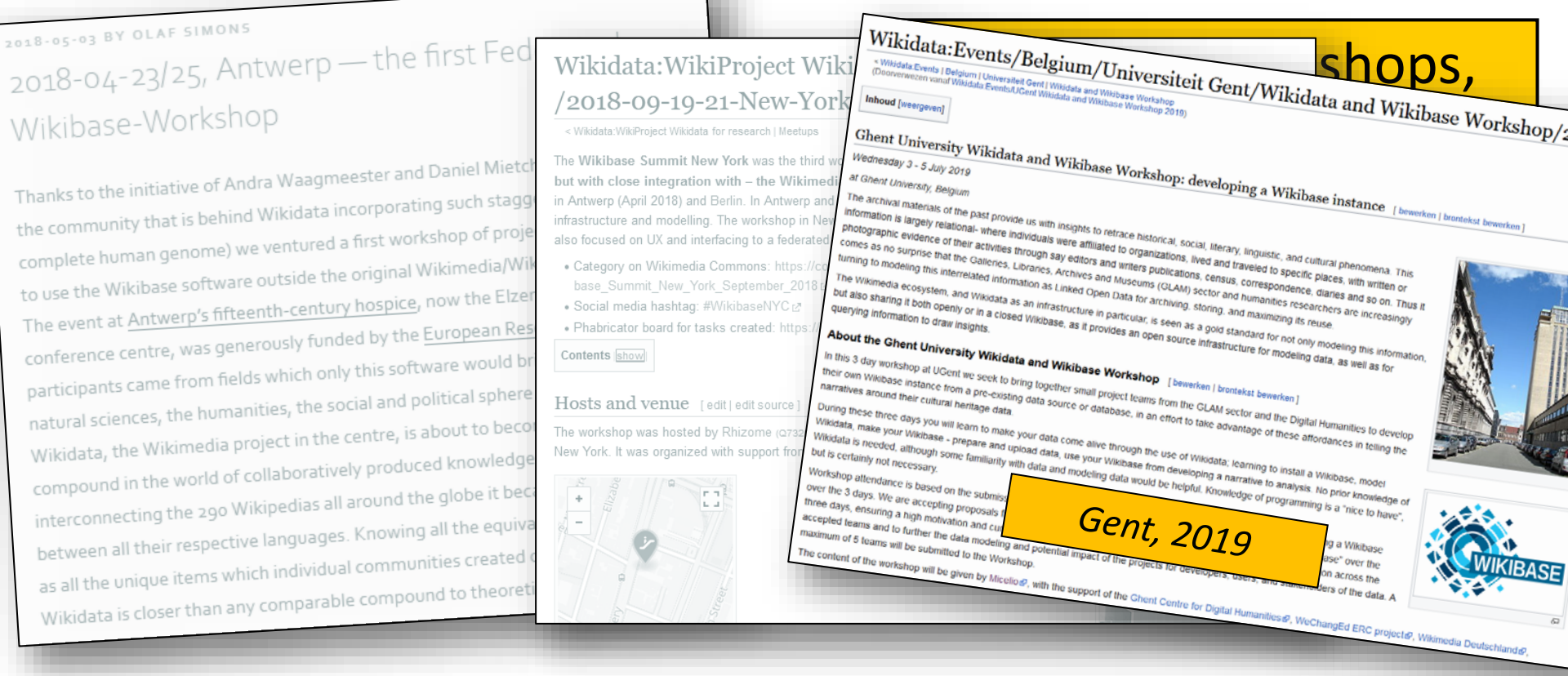
Hosts and venue [edit | edit source]

The workshop was hosted by Rhizome (Q7320757) and held at the New Museum (Q1156823) in New York. It was organized with support from the Alfred P. Sloan Foundation (Q1200258).



New York, 2018

https://www.wikidata.org/wiki/Wikidata:WikiProject_Wikidata_for_research/Meetups/2018-09-19-21-New-York



https://www.wikidata.org/wiki/Wikidata:Events/Belgium/Universiteit_Gent/Wikidata_and_Wikibase_Workshop/2019

2018-05-03 BY OLAF SIMONS

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Contents show

shops,

Wikidata:Events/Belgium/Universiteit Gent/Wikidata and Wikibase Workshop/2

Inhoud [weergeven]

Ghent University Wikidata and Wikibase Workshop: developing a Wikibase instance [bewerken | brontekst bewerken]

Wednesday 3 - 5 July 2019
at Ghent University, Belgium

The archival materials of the past provide us with insights to retrace historical, social, literary, linguistic, and cultural phenomena. This information is largely relational- where individuals were affiliated to organizations, lived and traveled to specific places, with written or photographic evidence of their activities through say editors and writers publications, census, correspondence, diaries and so on. Thus it comes as no surprise that the Galleries, Libraries, Archives and Museums (GLAM) sector and humanities researchers are increasingly turning to modeling this interrelated information as Linked Open Data for archiving, storing, and maximizing its reuse.

The Wikimedia ecosystem, and Wikidata as an infrastructure in particular, is seen as a gold standard for not only modeling this information, but also sharing it both openly or in a closed Wikibase, as it provides an open source infrastructure for modeling data, as well as for querying information to draw insights.

About the Ghent University Wikidata and Wikibase Workshop [bewerken | brontekst bewerken]

In this 3 day workshop at UGent we seek to bring together small project teams from the GLAM sector and the Digital Humanities to develop their own Wikibase instance from a pre-existing data source or database, in an effort to take advantage of these affordances in telling the narratives around their cultural heritage data.

During these three days you will learn to make your data come alive through the use of Wikidata; learning to install a Wikibase, model Wikidata, make your Wikibase - prepare and upload data, use your Wikibase from developing a narrative to analysis. No prior knowledge of Wikidata is needed, although some familiarity with data and modeling data would be helpful. Knowledge of programming is a "nice to have", but is certainly not necessary.

Workshop attendance is based on the submission and acceptance of a proposal that shows significant promise for realizing a Wikibase over the 3 days. We are accepting proposals from teams that intend to get "dirty with their data and in Wikidata and Wikibase" over the three days, ensuring a high motivation and curiosity for modeling your data in a Wikibase, to ensure a productive discussion across the accepted teams and to further the data modeling and potential impact of the projects for developers, users, and stakeholders of the data. A maximum of 5 teams will be submitted to the Workshop.

The content of the workshop will be given by Micelio, with the support of the Ghent Centre for Digital Humanities, WeChangEu ERC project, Wikimedia Deutschland.

Data publication Content promotion Cultural Heritage Institutions Creative industries Education Culture lover conferen
open-glam

Wendy Byrne

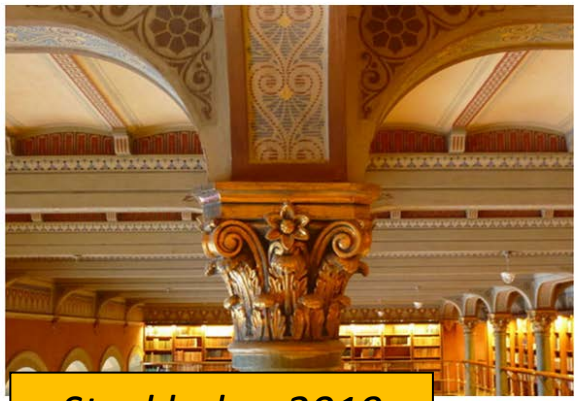
Former Editorial Officer a.i., Europeana Foundation

Liam Wyatt

Program Manager for WikiCite, Former Europeana GLAMwiki Community Manager, Wikimedia Foundation

Wikidata & Wikibase for National Libraries: the inaugural meeting

This is the second part of our reporting on the recent events for all things Wikimedia – the annual Wikimania conference, held this year in Stockholm – where Europeana held several associated events.



Stockholm, 2019

of Sweden.

https://pro.europeana.eu/post/wikidata-wikibase-for-national-libraries-the-inaugural-meeting

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...shops,

Collectie

Andra Waagmeester
@andrawaag

The #wikibase workshop in Tokyo organised together with @yayamamo last Saturday was a very productive event. >>

Tweet vertalen

4:29 a.m. · 30 sep. 2019 · Twitter Web App

11 Retweets **1** Citeer Tweet **23** Vind-ik-leuks

Je antwoord tweeten

Beantwoorden

Andra W

Als antw

We started by installing the default Wikibase docker instance by the great instructions from @addshore >>

Tokyo, 2019

Wikidata & Wiki

inaugural meeti

Wendy Byrne

Former Editorial Officer a.i., Europeana Foundation

This is the second part

Wikimedia – the annual

– where Europeana hel

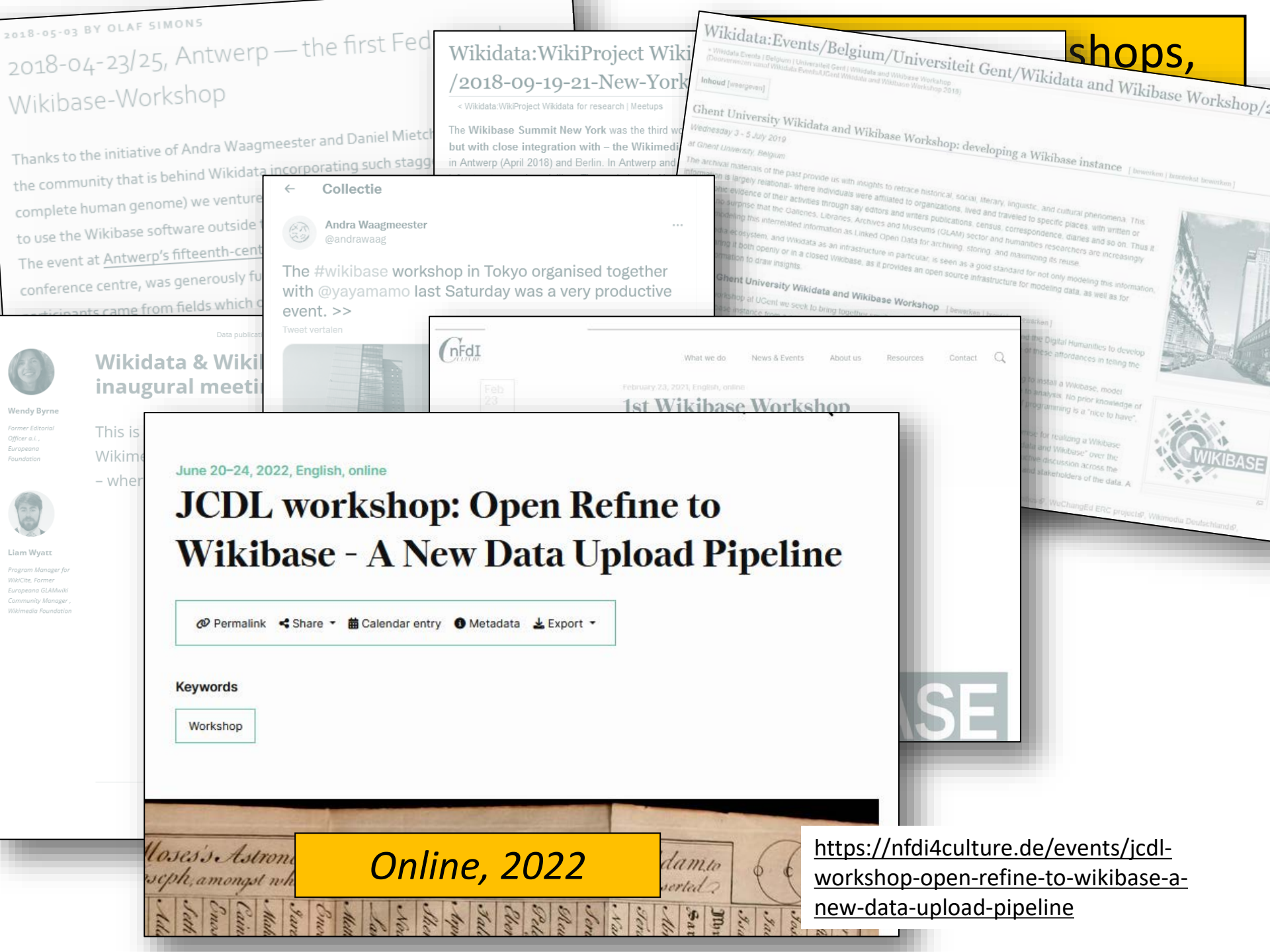
Liam Wyatt

Program Manager for WikiCite, Former Europeana GLAMwiki Community Manager, Wikimedia Foundation

Cropped

https://twitter.com/andrawaag/status/1178496977723543552

https://nfdi4culture.de/news/wikibase-workshop.html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This is
Wikime
– wher
nFdI
What we do
News & Events
About us
Resources
Contact
February 23, 2021, English, online
1st Wikibase Workshop
WIKIBASE
June 20–24, 2022, English, online
JCDL workshop: Open Refine to Wikibase - A New Data Upload Pipeline
Permalink
Share
Calendar entry
Metadata
Export
Keywords
Workshop
Online, 2022
https://nfdi4culture.de/events/jcdl-workshop-open-refine-to-wikibase-a-new-data-upload-pipeline

Second workshop on Wikidata and Wikibase

Event date: 23/02/2023

Brussels

Emiel Dhondt | Published on: 02/11/2022 | Event

Translate

Wikidata and Wikibase: session 2

Workshop

Thursday, 23 February 2023

09:00 – 17:00 Brussels time

The second and central workshop took place **in Brussels on Thursday 23 February 2023** from 09:00 to 17:00. Physical presence at this workshop was required. It was a hands-on event to help participants ingesting their respective data in Wikidata/Wikibase, following the methodology used for the EU Knowledge Graph and using a sandbox environment set up by the SEMIC team.

A key decision is to decide when to opt for Wikidata (general knowledge of "universal" scop… …a. Both appr… …ers. The qual… …r the need arises.

Brussel, 2023

https://joinup.ec.europa.eu/collection/semic-support-centre/event/second-workshop-wikidata-and-wikibase

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Collectie

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Data publicat

Wikidata & Wiki

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This is

Wikime

– wher

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Liam Wyatt

Program Manager for WikiCite, Former Europeana GLAMwiki Community Manager, Wikimedia Foundation

June 20–24, 2022, English, online

JCDL workshop: C

Wikibase - A New

Permalink Share Calendar entry

Keywords

Workshop

Second workshop on Wikidata and Wikibase

Event date: 23/02/2023

Brussels

Emiel Dhondt | Published on: 02/11/2022 | Event

Translate

Wikidat

Wikibase: s

Works

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2023 from 09:00 to

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wikibase-lex: LODifying lexical data using Wikibase

Vienna, Austria | September 13, 2023

Login

FIRST WIKIBASE LEXICAL DATA WORKSHOP (WIKIBASE-LEX)

What is Wikibase?

Wikibase, an extension of MediaWiki, a free and open source software suite, is a platform for collaboratively editing Linked Data. It features a graphical interface for exhibiting, editing, and querying of datasets modeled in accordance to the Semantic Web and the FAIR principles. Wikibase is the software underlying Wikidata. As does Wikidata, a Wikibase instance includes a default model for the representation of lexical data (Wikibase Lexemes), which is based on OntoLex, the W3C-recommende

Wikibase as lexical database

For dictionary and dictionary digit pen Data, a workflow involving Wikibase is interesting for a range of reasons. We will discuss these, and present a number of use cases. This workshop targets Wikibase users as well as the lexicographic community in general, and, more specificly, researchers involved in projects about the representation of lexical data as Linked Data.

Wenen, 2023

https://wikibase-lex.sciencesconf.org/

WIKIBASE

Hoe blijf je op de hoogte?

WIKIBASE

Via de meetings, notulen, presentaties, mailinglijsten, socials etc. van de WBCUG, WBSG en WBGNL.

Daarnaast...

Wikibase.cloud

Wikibase/Wikibase.cloud

Phabricator project: #Wikibase.cloud

Inhoud [weergeven]

Project [bewerken]

Wikibase.cloud is a cloud-based platform developed by Wikimedia Deutschland (Wikimed
of Wikibase. Wikibase is an open-source software suite for creating collaborative knowled
developed for Wikidata, the Wikibase project is being actively developed and maintained by
Deutschland. With Wikibase.cloud, we want to make it easier than ever to create, connect a
database. In so doing, we aim to liberate data from silos and increase access to knowledge

Wikibase.cloud is currently an invite-only beta service with invites regularly being sent out to
early access. If you're interested in receiving an invitation, you can fill out this application.

We'd like to say a special thanks to Adam Shorland for building WBStack on which Wikibase
Rhizome, for their support, innovation and leadership.

Timeline [bewerken]

2019: WBStack.com was launched by Adam Shorland (Addshore)

2020-2021: Wikimedia Deutschland investigates creating a hosted Wikibase service to repla

2021: Wikimedia Deutschland announces decision to start Wikibase.cloud at WikidataCon 2

2022: Wikibase.cloud launched, with primary focus on migrating users from WBStack.com to

June 2022: WBStack.com users should all be migrated, service will be sunsetted

Resources [bewerken]

Project updates

Updates [bewerken]

August 7th, 2023

- Status of cloud access
  - 556 Wikibases on cloud total
  - 8 new invite codes sent
- News from engineering:
  - ElasticSearch roadworks are ongoing. We're very close to kicking off the large scale version upgrade for all Wiki's, which might affect search experience in the form of downtime, re-ordering of results, indexing and such, but for the noble cause of more stability and reducing incidents caused by ElasticSearch going forward
  - Guardrails are put in place to safeguard stability when we remove the invitation code. With this, we're ready to move out of closed beta in the coming weeks
  - Redesigned the homepage including a section to feature homepages with examples, which will be released together with the Discovery feature where people can browse through Wiki's hosted on Wikibase Cloud
  - Minor fixes such as the empty license statement and broken pop-ups
- Anything else worth mentioning:
  - Wikibase default sidebar with helpful links, thread created for community's input: https://phabricator.wikimedia.org/T343686
  - Documentation needs, thread created for community: https://phabricator.wikimedia.org/T343710
  - Wikimania is coming soon! Join us for our presentation about 'the wondrous world about wikibase' on Friday 18th!

July 12th, 2023

- Status of cloud access
  - 523 Wikibases on cloud total
  - 43 invite codes sent out since 16th of May
- News from engineering:
  - Work to update all Wikibases to a newer version of ElasticSearch is progressing. This should hopefully bring more stability to the overall search experience
  - Started with the introduction of sign up throttling to safeguard the platform stability when we remove the invite code requirement and sign up flow
  - Prepared work on the discovery feature to make Wikibases hosted on Cloud more discoverable for new users. Tickets are on Phabricator. This was the main outcome of the Q1 survey on data modelling
- Anything else worth mentioning:
  - Wikibase Live Session, docs created to summarize topics of interest
  - New blog posts in the pipeline!

https://meta.wikimedia.org/wiki/Wikibase/Wikibase.cloud

Wikibase.cloud

Postorius Lists Archives Login Registreren

Wikibase-cloud wikibase-cloud@lists.wikimedia.org

Samenvatting

This is a mailing list for the community of users of Wikibase.Cloud, a new addition to the Wikibase ecosystem. Telegram group for Wikibase.cloud users, see the dedicated group: https://t.me/joinchat /FgqAnxNQYOeAKmyZTIld9g.

Valerie Wollinger WMDE valerie.wollinger@wikimedia.de

To contact the list owners, use the following email address: *wikibase-cloud-owner@lists.wiki*

Archives

Archives

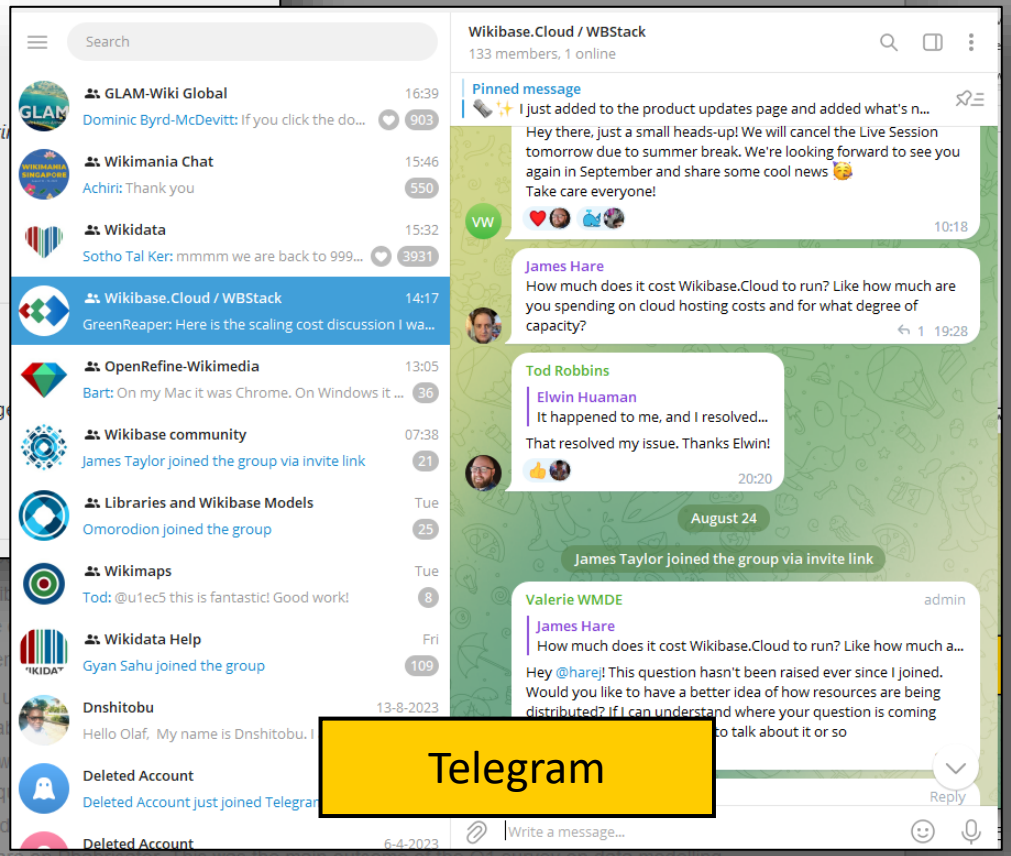
Subscription / Unsubscription

To subscribe or unsubscribe fro t previously logg
to set up an account with the ap

Log In

Mailing list

https://lists.wikimedia.org/postorius/lists/wikibase-cloud.lists.wikimedia.org/



Telegram

https://t.me/joinchat/FgqAnxNQYOeAKmyZTIld9g

WIKIBASE

Specifiek voor bibliotheken…

Wikibase Working Hours

Wikidata:WikiProject LD4 Wikidata Affinity Group/Wikibase Working Hours

< Wikidata:WikiProject LD4 Wikidata Affinity Group

Welcome | Affinity Group Calls | Wikidata Working Hours | Wikibase Working Hours

Contents [show]

Calls [edit | edit source]

Calls will be scheduled as a part of the Wikidata Working Hours.

Upcoming calls [edit | edit source]

- No sessions are planned as of May 2023. We will probably do a session at the 2023 LD4 Conference on Linked Data in July, though--stay tuned for details!

Past calls [edit | edit source]

- **Batch tools for working with properties and items in Wikibase**: 28 April 2023 - recording | Hahn's PyWikibot demo | Slides.
  - Topic: this session covered loading properties (and some items) using PyWikibot, QuickStatements, and WikibaseIntegrator. Presentations by WBWH conveners Christine Fernsebner-Eslao (Harvard University), Jim Hahn (University of Pennsylvania), Timothy Ryan Mendenhall (Columbia University), and Jackie Shieh (Smithsonian Libraries)
- **Using a custom Wikibase with Siegfried**: 23 March 2023 - Presenter Slides | LD4 Intro Slides | Notes document | Video Recording | VTT Caption File
  - Topic: In 2020 Ross Spencer worked alongside the team at Yale University Library (Dr Kat Thornton, Euan Cochrane) and Siegfried Developer Richard Lehane to develop an integration for the popular file format identification tool, and Wikidata. The work has also been expanded with a little careful configuration to enable the integration to work with custom Wikibases as well. In this LD4 Wikibase working hour Ross will describe the Siegfried/Wikidata/Wikibase integration in more detail; engagement between the digital preservation and wikidata community; and the benefits he sees in this work for the discipline. Ross is happy to field all and any questions about the work and is especially happy to receive questions in advance if there is anything specific anyone would like to see covered.
  - Speaker bio: Ross Spencer (He/Him/They) (https://orcid.org/0000-0002-5144-9794) is a part-time open source software developer, and full-time digital preservation specialist at Ravensburger AG based in Germany.
- **VanderBot and Wikibase**: 13 February 2023 RECORDING SLIDES. The Wikibase API provides a mechanism for programmatic control of uploads, and its behavior is consistent across instances (Wikidata, Structured Data in Commons, and those that are established privately). In this session, I will discuss basic interactions with the API and demonstrate using the VanderBot Python application to rapidly upload tabular data to a wikibase.cloud instance. After performing a mass deletion, I'll conclude by describing how I've used the Wikibase API to facilitate addition of structured data to Commons. **Steve Baskauf** is a Data Science and Data Curation Specialist at the Vanderbilt University Heard Libraries. He has had a long-term interest in Linked Data and for the past several years has been experimenting with ways to streamline uploads to Wikidata and Wikimedia Commons.
- **Wikibase.cloud update**: 17 January 2023 RECORDING SLIDES Since June 2022, Wikimedia Deutschland has migrated the community-driven WBStack platform over to what is now known as Wikibase.cloud, which has an offering of features everyone loves from Wikibase, but without the technical hassle. Wikibase.cloud is currently in a closed beta, and we'd therefore like to demo it to Zandbergen, product manager for Wikibase.cloud at Wikimedia Deutschland since May 2022
- **Wikidata vs. custom Wikibases: Community history case studies** Tues. 25 October 2022, 2pm Eastern (Time zone converter)
  - Topic: The Boston Research Center (BRC) is a digital community history and archives lab based in the Northeastern University Library. One of and we have been using Wikibase to store multilingual data about the linked collections, organizations, and people. In this presentation, we wi so far on the Chinatown Collections project.
  - Speaker Bio: Amy Ruskin is the Data Engineer in the Digital Scholarship Group in the Northeastern University Library. She has a Master's deg
  - SLIDES | NOTES | RECORDING
- Mon. 26 September 2022: RECORDING NOTES Open discussion on use cases for a Program for Cooperative Cataloging (PCC) Wikibase SCA's recommendations relating to the PCC and Wikibase, please review the Wikibase Exploration Survey Report.
- 11 July 2022: Tracking alternate labels for LCSH with WBStack. Session information and registration. SLIDES RECORDING

*Community discussion of Wikidata & Wikibase with the goal of understanding **how the library can contribute** to and leverage these as a platform for publishing, linking, and enriching library linked data.*

https://www.wikidata.org/wiki/Wikidata:WikiProject_LD4_Wikidata_Affinity_Group/Wikibase_Working_Hours

IFLA Wikidata Working Group

*This working group will explore and advocate for the use of and contribution to Wikidata by library and information professionals, the **integration of Wikidata and Wikibase with library systems**, and alignment of the Wikidata ontology with library metadata formats such as BIBFRAME, RDA, and MARC.*

https://mail.iflalists.org/wws/info/wikidatawg

WIKIBASE
En verder….

Wikidata Weekly Summary
→ bevat ook WB updates!

Wikidata weekly summary #582

Wikidata weekly summary #582

One comment • 2 months ago

MediaWiki message delivery

Here's your quick overview of what has been happening around Wikidata over the last week.

- **Discussions**
  - Open request for adminship: Wolverène (RfP scheduled to end after 2 July 2023 18:46 UTC)
  - Closed request for adminship: Vargenau (successful) Welcome onboard \o/
  - New requests for permissions/Bot: RomesfullmporterBot (Task: Creating and updating Russian Lexemes by transferring information from the Russian Wiktionary)
- **Events**
  - Upcoming
    - The next Wikidata+Wikibase offic
    2023 (18:00 Berlin time) in the W
    are online events where the develo
    past quarter, and the community
    related to the development of Wik
    - Wikiconvention francophone: Ope
    July 14th.
    - WikiIndaba 2023 Call for Submiss
  - Ongoing: Weekly Lexemes Challeng
- **Press, articles, blog posts, videos**
  - Blogs
    - Dude, where are my pictures?
    - BiCIKL is linking people unambig
    - Understanding Knowledge Graphs
  - Videos
    - re:publica 2023 - Peer learning m
    viable digital culture of remembran
    - Workshop - Aligning Open Biolog
    YouTube
    - Managing conflations and duplica
    YouTube
    - Why Wikidata in Linked Data and
    - Adding metadata utilities in the K
    - From authority control to identity
    - DSI Webinar - The ontology of Wi
    - Wikidata as a tool for biocuration
    - Webinar: Wikidata, a useful know
    - KGC '23 Talk — The Error Is The
    Looted Art - YouTube

Wikidata:WikiProject TheRoK/Data Models.

- **Did you know?**
  - Newest properties:
    - General datatypes: none
    - External identifiers: PremiershipRugby.com player ID (new), Professor at Cologne univ. ID, Numista
    etymologinen sanakirja ID, Suomen murteiden sanakirja ID, Svenska

WIKIDATA

Archief

Wikidata:Status updates

Translate this page

Other languages: Afrikaans · Bahasa Indonesia · Bahasa Melayu · Deutsch · **English** · Esperanto · Nederlands · Tiếng Việt · Türkçe · Yorùbá · català · dansk · español · français · italian
polski · português do Brasil · română · suomi · svenska · čeština · ślůnski · Ελληνικά · македонски · русский · српски / srpski · українська · Uyghurche / ئۇيغۇرچە
मराठी · हिन्दी · বাংলা · ગુજરાતી · ไทย · ᐃᓄᒃᑎᑐᑦ / inuktitut · 中文 · 日本語 · 한국어

Development plan | Usability and usefulness | Status updates | Development input | Contact the de

A lot is happening around Wikidata. Weekly summaries are posted to this page and on the Wikidata mailing list. You can also subscribe to the on-wiki newsletter to have them delivered to your talk page.

You can contribute to the next edition at Wikidata:Status updates/Next.

Contents [show]

Archives [edit | edit source]

Enter search term | Search the archives

2023 [edit | edit source]

- Status updates/2023 01 03
- Status updates/2023 01 09
- Status updates/2023 01 16
- Status updates/2023 01 23
- Status updates/2023 01 30
- Status updates/2023 02 06
- Status updates/2023 02 13
- Status updates/2023 02 20
- Status updates/2023 02 27
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- Status updates/2023 03 13
- Status updates/2023 03 20
- Status updates/2023 03 27
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- Status updates/2023 04 24
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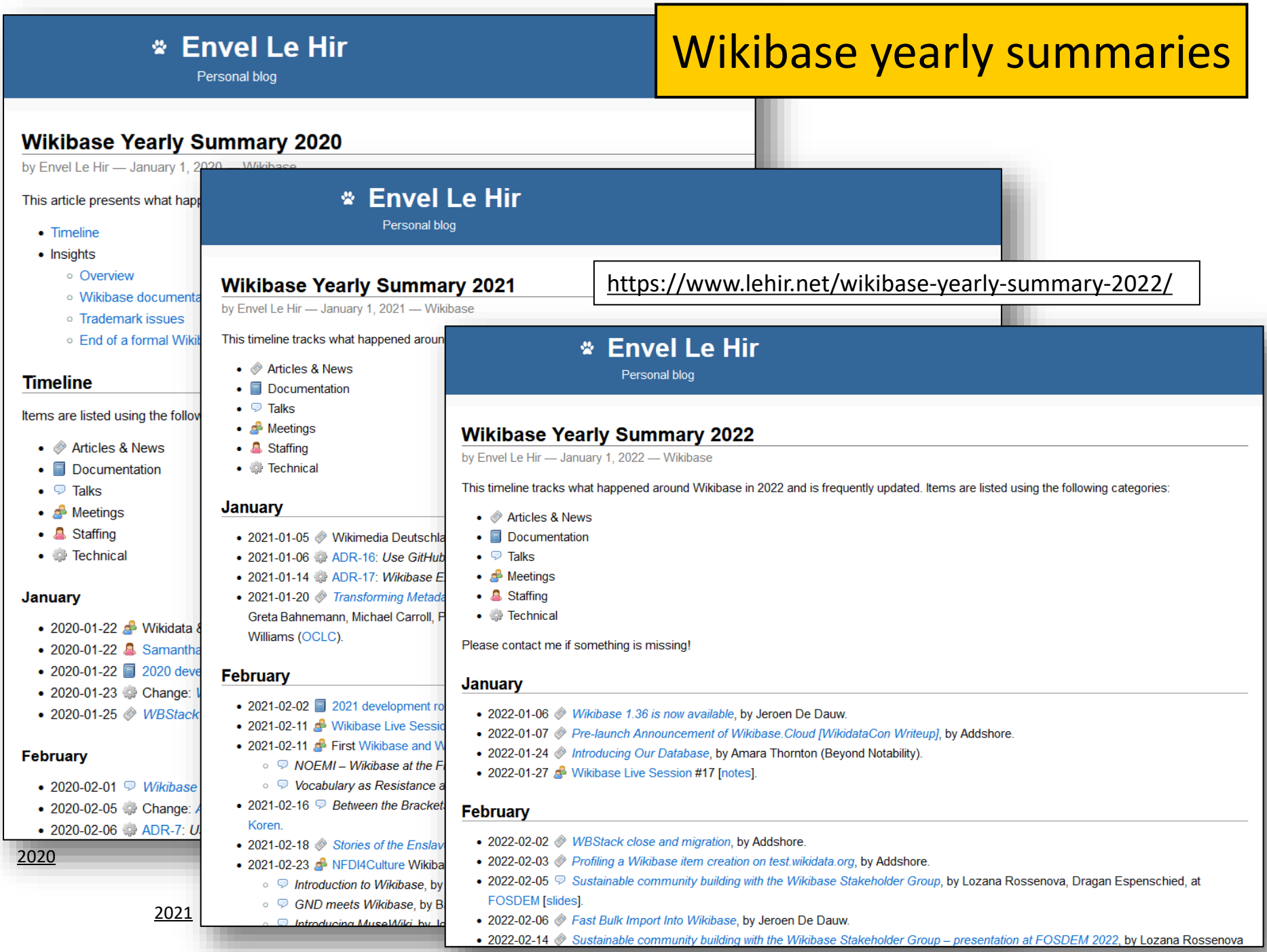
- Status updates/2023 05 15
- Status updates/2023 05 22
- Status updates/2023 05 29

2022 [edit | edit source]

- Status updates/2022 05 02
- Status updates/2022 05 09
- Status updates/2022 05 16
- Status updates/2022 05 23
- Status updates/2022 09 05
- Status updates/2022 09 12
- Status updates/2022 09 19
- Status updates/2022 09 26

- https://www.wikidata.org/wiki/Topic:Xks1m3byqvkjdhz1
- https://www.wikidata.org/wiki/Wikidata:Status_updates/2023_06_26
- https://www.wikidata.org/wiki/Wikidata:Status_updates

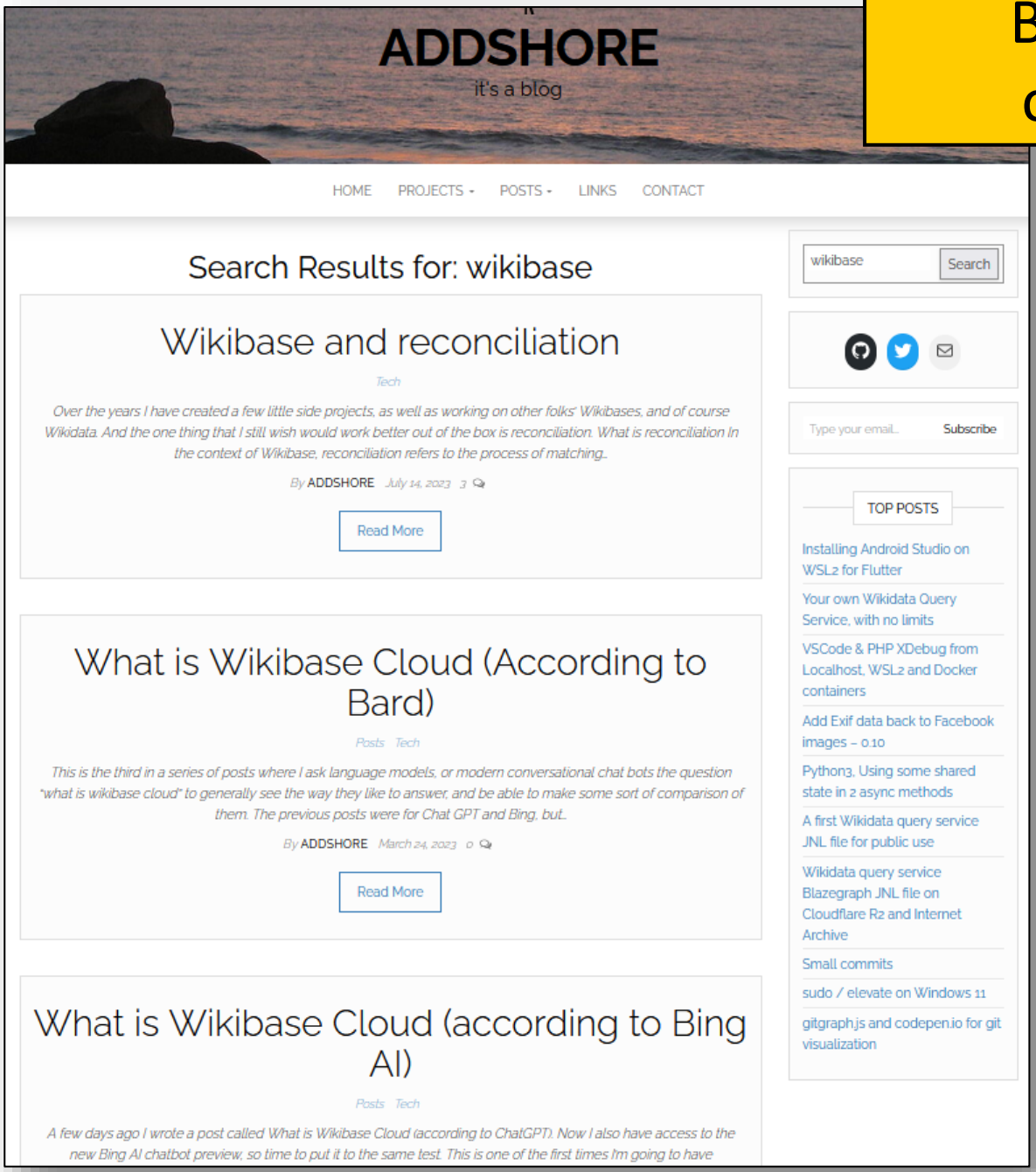
Wikibase yearly summaries



2020

2021

Blog *Addshore*, over Wikibase



https://addshore.com/?s=wikibase

Waar/hoe vind je hulp?

- Actief: Hulp door community
- Passief: Documentatie, manuals, HOWTOs, tutorials etc.

Actieve hulp

Via alle communitykanalen hiervoor genoemd.

Tip: Telegram voor snelle hulp

Hulp van User:OlafJanssen

User page | Discussion | Read | Edit | Edit source | View hist

User:OlafJanssen

Contents [hide]
1 Activities for the national library of the Netherlands (KB)
2 Off-work activities
3 Contributions
4 See also
5 All pages in my User namespace

Activities for the national library of the Netherlands (KB) [edit | edit source]

I'm the GLAMwiki-coordinator for the Koninklijke Bibliotheek, the national library of the Netherlands (KB) in
initiate and coordinate projects/activities to strengthen the connection between the (knowledge, collections
projects and communities.

The KB is active on:

- **Wikidata**: https://www.wikidata.org/wiki/Wikidata:GLAM/Koninklijke_Bibliotheek_Nederland
- **Wikimedia Commons**: https://commons.wikimedia.org/wiki/Commons:Koninklijke_Bibliotheek
- **Dutch Wikipedia**: https://nl.wikipedia.org/wiki/Wikipedia:GLAM/Koninklijke_Bibliotheek_en_Nationaal_

For questions, remarks, suggestion etc. feel free to contact me via

- Via Wikidata e-mail
- My Talk page
- Direct via olaf.janssen@kb.nl
- Via Twitter: @ookgezellig

Off-work activities [edit | edit source]

Besides my professional activities for the KB I occasionally work on wiki-projects in my own time, most no
increasingly more on Wikidata and to a lesser extent on the English Wikipedia.

Contributions [edit | edit source]

KB nationale bibliotheek | Onderzoeken & vinden | Bezoek & lidmaatschap | Ontdekken & bewonderen | Over ons

Home > Over ons > Experts > Olaf Janssen

Olaf Janssen

Olaf Janssen is open data & Wikimedia-coördinator bij de KB. Hij initieert, stimuleert en faciliteert de samenwerking tussen de collecties, kennis, open data en medewerkers van de KB aan de ene kant en de projecten van de Wikimedia-beweging aan de andere kant. Denk bijvoorbeeld aan Wikipedia, Wikimedia Commons, Wikidata en Wikibase en de gemeenschappen die daarbij horen. Olaf vervult een landelijke adviesrol voor andere organisaties op het gebied van erfgoed en kennis. Hij is ook als vrijwilliger binnen de Wikimedia-beweging actief.

Contact

- functie: open data & Wikimedia-coördinator
- e-mailadres: olaf.janssen@kb.nl
- Twitter: Olaf Janssen
- LinkedIn: Olaf Janssen

Expertises

- Wikipedia
- Wikimedia
- Wikidata
- Wikibase
- bibliotheken
- linked open data
- publiek domein

Netwerk en samenwerking

- Wikimedia-netwerk (Wikipedia, Wikimedia Commons en Wikidata communities)
- Vereniging Wikimedia Nederland
- Wikibase Stakeholder Group
- Netwerk Digitaal Erfgoed
- Vereniging Open Nederland - Werkgroep Publiek Domein

https://www.wikidata.org/wiki/User:OlafJanssen -- https://www.kb.nl/over-ons/experts/olaf-janssen

WIKIBASE

Passieve hulp

Documentatie, manuals, HOWTOs, tutorials etc.

Wikibase documentatie portal (WMDE)

Wikibase

Page Discussion

Translate this page

Languages: Bahasa Indonesia Bahasa Melayu British English Bân-lâm-gú Deutsch **English** Esperanto Türkçe Zazaki español français italiano polski português português do Brasil svenska čeština русский српски / srpski українська עברית العربية বাংলা ไทย 中文 日本語

Welcome to the landing page for **Wikibase**. Here you'll find documentation and resources for the free software created by Wikimedia Deutschland that stores and organizes collaboratively editable information and allows it to be easily consumed by computers, translated into multiple languages and shared with the rest of the world as part of the Linked Open Data web.

Getting started | Using Wikibase | Reference

Wikibase

Wikibase
can now a

What is W

A brief intr
structured

FAQ

Frequently

Getting started | **Using Wikibase** | **Reference**

Importing data

An overview of the tools available to populate your Wikibase.

Creating and deleting data

Tips for getting data into and out of Wikibase.

Maintaining Wikibase

Some insights into working with Wikibase in a Docker install.

Extending Wikibase

Templates, extensions, gadgets - from a Wikibase perspective.

Federation

Learn more about connecting to other Wikibase instances & federated querying.

MediaWiki documentation User rights

A big part of managing Wikibase is actually managing MediaWiki. Here's how.

https://www.mediawiki.org/wiki/Wikibase -- https://www.mediawiki.org/wiki/Wikibase/Using_Wikibase

Wikibase technische documentatie (low-level)

https://doc.wikimedia.org/Wikibase/master/php

Wikibase.cloud

Wikibase/Wikibase.cloud

Page Discussion Read

< Wikibase

Documentation portal (WMDE)

Wikibase.cloud is a cloud-based platform provided by Wikimedia Deutschland that hosts instances of Wikibase. It's currently an invite-only beta service with invites regularly being sent out to those who sign up for early access. If you're interested in receiving an invitation, you can fill out this application.

WIKIBASE CLOUD

Initial setup Create account

How to activate your account.

Creating a wiki Create wiki

How to create a wiki.

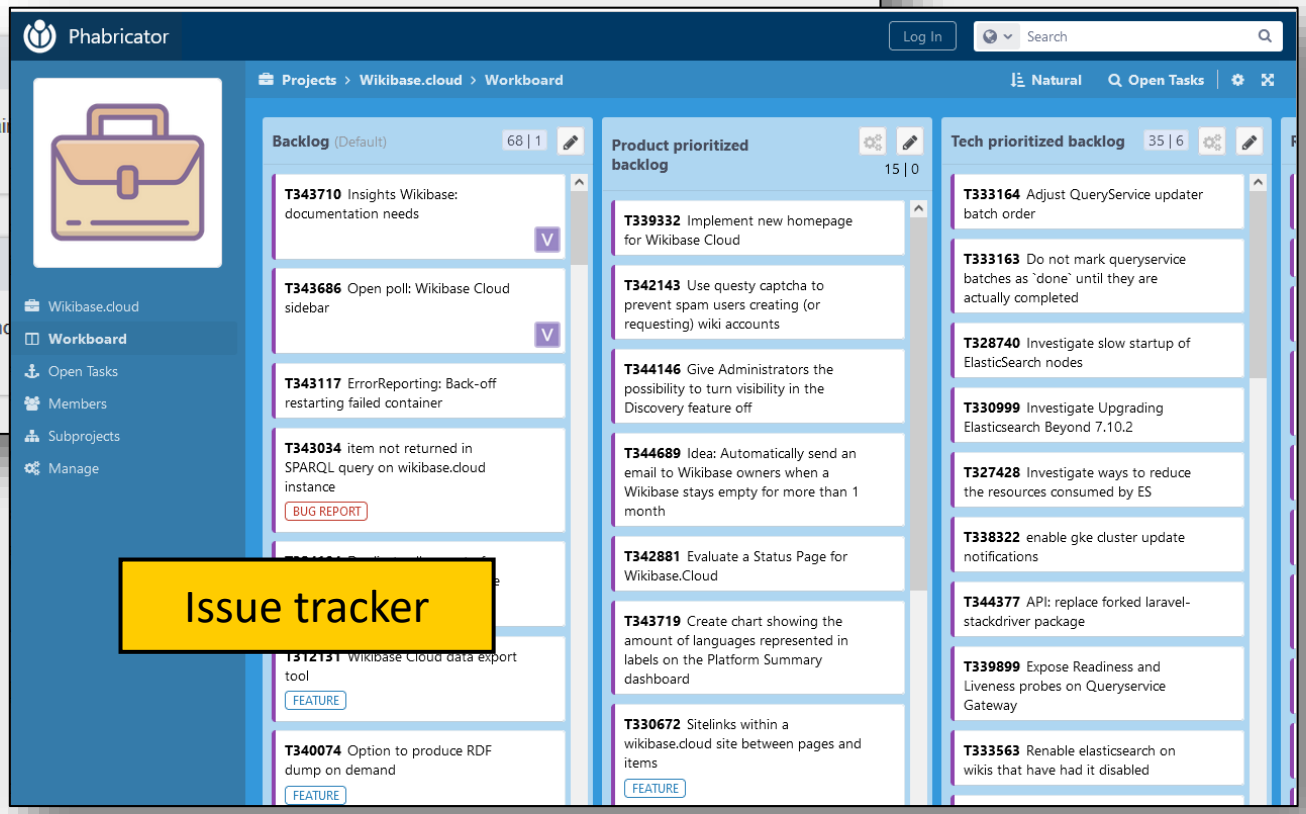
Wikibase settings

Wikibase.cloud settings for each Wikibase, explai

Glossary of terms

Definitions and links to shed light on some commo used terms.

https://www.mediawiki.org/wiki/Wikibase/Wikibase.cloud



Issue tracker

https://phabricator.wikimedia.org/tag/wikibase.cloud/

Learning Wikibase

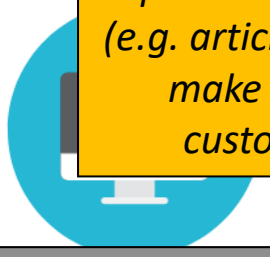
Wikibase is an open source software suite for running a collaborative knowledge base. One installation of it is Wikidata. Learn how to launch a Wikibase instance and work with it.

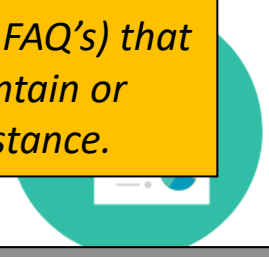
Install Wikibase

Learn how to install Wikibase using Git and Composer, using the Wikibase Docker image or Open Stack.

Data & Modeling Data

Learn how to model data.





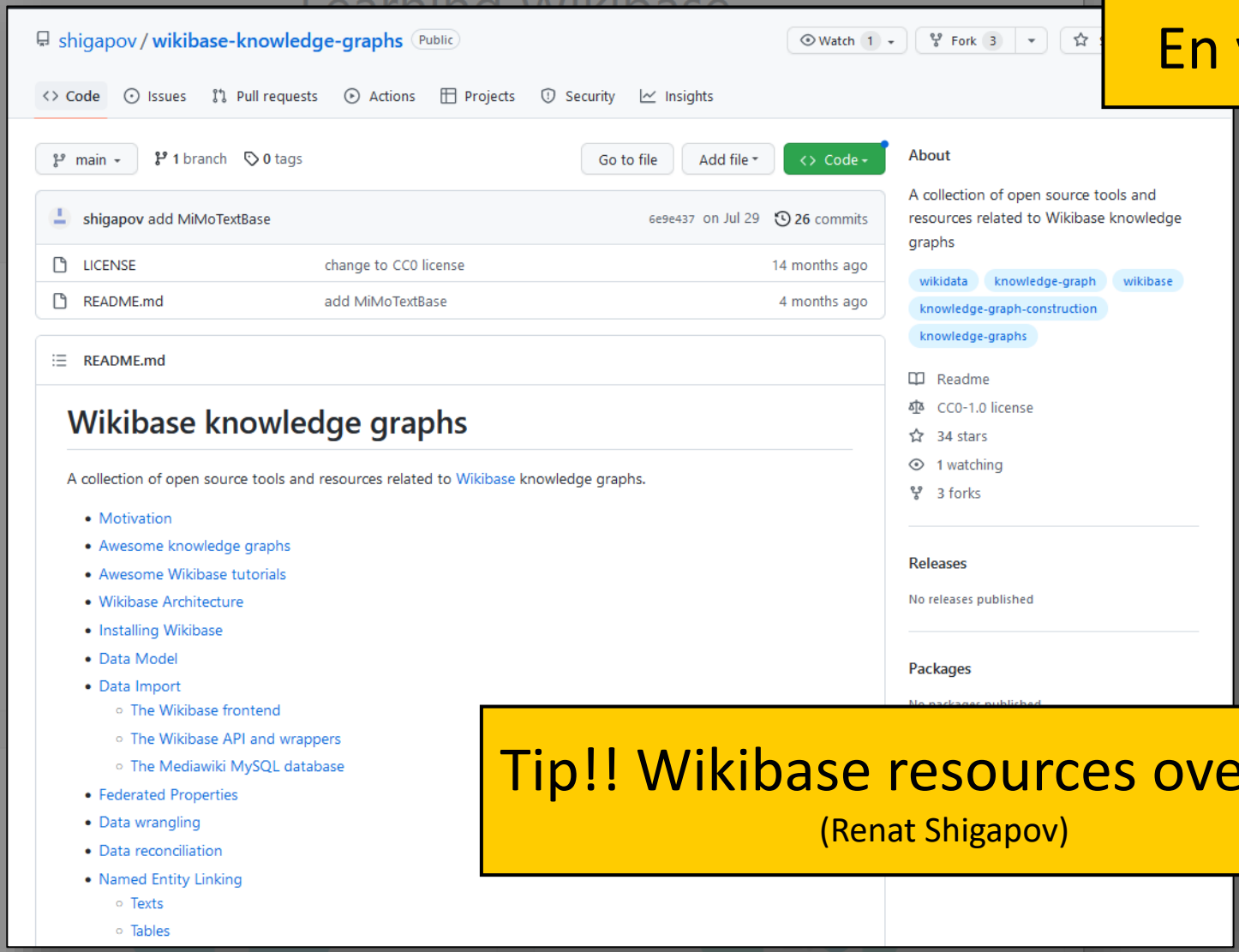
Learning Wikibase

a place to learn and share online resources (e.g. articles, videos, workflows, FAQ's) that make it easier to install, maintain or customize your Wikibase instance.

http://learningwikibase.com

En verder….

En verder....



Tip!! Wikibase resources overview

(Renat Shigapov)

https://github.com/shigapov/wikibase-knowledge-graphs

En verder….

shigapov / wikibase-knowledge-graphs Public

Watch 1 Fork 3

Wikibase

- **Wikibase**
  Wikibase was developed for Wikidata as an open source collection of applications and libraries for creating and sharing structured data as linked data entities and their relationships. It consists of a set of extensions to the MediaWiki software for storing and managing data (Wikibase Repository) and for embedding data on other wikis (Wikibase Client). Wikibase provides an editing interface for creating, updating, merging, and deleting item and property entities.
- **Wikibase DataModel**
  MediWiki. (2019, May 19). This specification describes the structure of the data that is handled in Wikibase. It specifies which kind of information can be contributed to the system. The Wikibase data model provides an ontology for describing real world entities, and these descriptions are concrete models for real world entities. For a less technical explanation of the model, see the Wikibase DataModel Primer.
- **Wikibase DataModel Primer**
  MediaWiki. (2018, August 1). This primer gives a good introduction to the Wikibase data model. It provides an outline and an explanation of the different elements of the Wikibase knowledge base and describes the function of each.

Wikibase Resources

- **Install Docker Compose**
  In order to install a usable instance of Docker Desktop, the installation package must contain Docker Compose. If an instance is missing Docker Compose, this page provides instructions for installing it.
- **Installing a stand-alone Wikibase and most used services**
  This GitHub page provides instructions for establishing a Wikibase instance. It was developed by a member of Wikimedia Deutschland e. V. and four other software developers.
- **Use cases for institutional Wikibase instances**
  Mendenhall, Timothy R., Chou, Charlene, Hahn, Jim, et.al. (2020, May). Developed informally by library staff at Columbia University, Harvard University, New York University, and the University of Pennsylvania this GitHub page provides a wealth of information for for institutions considering installing their own Wikibase instance. Covering a wide range of topics such as local vocabularies, authority control, organizational name changes, cross-platform discovery, multilingual discovery, pipeline to Wikidata and broader web discovery, digital humanities, database, metadata, and exploratory projects, and more, each topic also s
- **Wikibase Consultants and Support Providers**
  Wikimedia. (2021, Jan. 14). This page list Wikibase service providers who may help with
- **Wikibase Install Basic Tutorial**
  Miller, Matt. (2019, September). Semantic Lab at Pratt Institute. This tutorial provides ins
  setting up an account at Digitalocean.com.
- **Wikibase Roadmap 2020 High-level Overview (Public)**
  WikiMedia. (2021, Jan. 11). This is an interactive chart that describes Wikibase development initiatives, including Wikibase Features, Wikibase System Improvements, Partnerships & Programs, Documentation, Wikibase Strategy & Governance, and Developer Tools.

UCLA Library Research Guide on Wikibase and Wikidata

https://guides.library.ucla.edu/semantic-web/wikidata#s-lg-page-section-6895500

En verder….

Awesome Wikibase tutorials

1. **Programmer's guide to Wikibase** [guide]
2. **Wikibase: configure, customize, and collaborate** by Dan Scott [tutorial]
3. **posts about Wikibase & Wikidata and Tech Lead Digests** by Adam 'addshore' Shorland
4. **Wikibase Install Basic Tutorial** by Matt Miller [tutorial]
5. **Wikibase for Research Infrastructure** by Matt Miller [post]
6. **Vanderbilt Heard Library digital scholarship resources on Wikidata and Wikibase** [resources]
7. **Putting Data into Wikidata using Software** by Steve Baskauf [post]
8. Learning Wikibase
9. **Get your own copy of WikiData** by Wolfgang Fahl [post]
10. **Transferring Wikibase data between wikis** by Jeroen De Dauw [post]

Awesome Wikibase tutorials
(Renat Shigapov)

https://github.com/shigapov/wikibase-knowledge-graphs#awesome-wikibase-tutorials

https://commons.wikimedia.org/wiki/File:Patrouille_auf_dem_Monte_Rosa_Gletscher_-_CH-BAR_-_3238941.tif, Swiss Federal Archives, Public domain, via Wikimedia Commons

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KB nationale bibliotheek

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (1/11)

Slides van dit verhaal beschikbaar via

- Wikimedia Commons:
- Zenodo:

Doelen van dit verhaal:

- Meer begrip van Wikibase bieden
- Enige zelfredzaamheid o.h.g.v. Wikibase bevorderen
- Kennisdossier over het Wikibase-landschap (naslagwerk) → https://github.com/KBNLwikimedia/Wikibase-resources

Opfrisser Wikidata

Dit blok is een samenvatting van de presentatie *Wegwijzer in Wikidata*, Olaf Janssen, KB, 6 juni 2023

- https://commons.wikimedia.org/wiki/File:Wegwijzer_in_Wikidata,_Introductiecurus_Wikidata_-_Koninklijke_Bibliotheek,_6_juni_2023.pdf
- Zenodo: https://zenodo.org/record/8006441

- Wikidata bevat gestructureerde beschrijvingen van 106M dingen sinds okt 2012, volgens https://www.wikidata.org/wiki/Wikidata:Statistics, dd 3-5-2023
  O.a: Wetenschappelijke artikelen - Mensen - Dieren en planten - Gebeurtenissen - Landen, provincies, gemeentes, steden, dorpen - Straten, wegen, pleinen - Gebouwen - Voertuigen - Bedrijven en instellingen - Kunstwerken (film, muziek, schilderijen etc.) - Chemische stoffen - Astromische objecten - Genen - e.v.a.
- Wikidata-items met geolocatie, mei 2019 - https://commons.wikimedia.org/wiki/File:Wikidata_Map_May_2019_Huge.png, Addshore, CC0, via Wikimedia Commons

- Wat zijn de uitgangspunten van Wikidata? (1-4)
  1. Gestructureerde beschrijvingen van dingen
  2. Centrale opslag (vs gedistribueerd – data silo's)
  3. Meertalig (200+ talen) - Beschrijving van de Eiffeltoren - https://www.wikidata.org/wiki/Q243 (Nederlandstalige, Engelstalige, Portugese en Japanse interface)
  4. Linked data
     - Things, not strings - Geen platte tekst, maar klikbare links
     - Onderling verbonden: https://www.wikidata.org/wiki/Q243 (Eiffeltoren) en https://www.wikidata.org/wiki/Q20882 (Gustave Eiffel)
     - Verbonden met andere databases

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (2/11)

- Wat zijn de uitgangspunten van Wikidata? (5-7)

  5. Open & vrij
     - Gratis, geen trackers, geen ads
     - Geen auteurs- of databankrechten (CC0-licentie - https://creativecommons.org/publicdomain/zero/1.0/)
     - Iedereen mag data hergebruiken: bevragen, delen, kopiëren, bewerken, downloaden, verkopen etc.
     - Iedereen mag data bijdragen/bewerken toevoegen, verbeteren, verwijderen, samenvoegen etc. --> community

  6. Community
     - Internationaal
     - 24K bewerkers
     - Onder de vlag van de Wikimedia Foundation → zusterproject van Wikipedia, Commons etc.

  7. Voor mensen en machines
     - Mensleesbaar, mensschrijfbaar --> Data beschikbaar via GUIs in HTML, https://www.wikidata.org/wiki/Q1526131 (Koninklijke bibliotheek)
     - Machineleesbaar, machineschrijfbaar --> Data beschikbaar via APIs in JSON, XML/RDF, CSV etc.,
       https://www.wikidata.org/w/api.php?action=wbgetentities&ids=Q1526131
       https://www.wikidata.org/w/api.php?action=wbgetentities&ids=Q1526131&props=labels&format=xml

- Wat voor soort data bevat Wikidata? https://kennisplatform.wikimedia.nl/artikelen/data-delen/wat-zijn-de-criteria-voor-data-op-wikidata/
- Wikidata is een secundaire, algemene, openbare kennisbank voor de wereld.

  Secundair
  - Niet-originele gegevens over
  - Notenswaardige dingen (meer info)
  - Verifieerbaar d.m.v. betrouwbare openbare bronnen (meer info)

  Algemeen
  - Breed scala aan onderwerpen/klassen
  - Relatief basale data, niet superspecialistisch

  Openbaar
  - Openbare gegevens
  - Geen auteursrechten
  - Geen privacygevoeligheden (meer info)

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (3/11)

- Wensen van erfgoedinstellingen waarvoor Wikidata niet geschikt is
  - Publiceren domein-specifieke / specialistische / 'esoterische' LOD
  - Publiceren hele grote LOD-sets (bv. catalogi, thesauri)
  - Gebruik hele specifieke/complexe/gelaagde/diepe datamodellen
  - Eigen controle over wie data mag toevoegen / muteren
  - Samenwerking met geselecteerde partners in besloten, gecontroleerde omgeving
  - Vastleggen niet-openbare data
  - Eigen controle over hosting / IT-infra

- Wikibase als oplossing!? https://commons.wikimedia.org/wiki/File:Wikibase,_de_voordelen_van_Wikidata,_zonder_de_nadelen_-_Artikel_van_Olaf_Janssen_in_InformatieProfessional_nr.08,_2019,_pagina_37.jpg, Olaf Janssen, CC BY-SA 4.0

Wat is Wikibase?

- De open-source, gratis software waar Wikidata op draait
- *Wikibase is essentially a blank copy of Wikidata into which you can put your own structured data.* Bron
- Je kunt er je eigen LOD-kennisbank mee bouwen & beheren
- Zonder de nadelen van Wikidata
  - Eigen datamodellen, domein-specifiek / specialistisch / 'esoterisch'
  - Grote datasets
  - Eigen rechtenbeheer (wie mag bijdragen)
  - Niet perse openbaar
  - Eigen IT-hosting
- Met alle voordelen van Wikidata
  - Gericht op samenwerking en verbinding (o.a. Wikidata-community)
  - Voor mensen en machines
  - Gebruiksvriendelijke GUI voor gestructureerde data (Qs en Ps)
  - Ondersteuning voor meertaligheid
  - Versiegeschiedenis
  - Overzichtelijke ontologie: Items, Properties, Statements etc.
  - Output in diverse dataformaten (o.a. JSON, RDF/XML, N3)
  - Zoeken via SPARQL
  - MediaWiki API
  - Ondersteuning voor tools (o.a. OpenRefine)
  - Documentatie

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (4/11)

- Wikibase website: https://wikiba.se/
- Het grotere plaatje, Wikidata-Wikibase strategie: https://meta.wikimedia.org/wiki/LinkedOpenData/Strategy2021/Joint_Vision + https://meta.wikimedia.org/wiki/LinkedOpenData/Strategy2021/Wikibase

Voorbeelden van instellingen/projecten die Wikibase gebruiken (1-6)

1) Wikidata: https://www.wikidata.org/wiki/Wikidata:Main_Page

2) **Rhizome Artbase :** https://artbase.rhizome.org/wiki/Main_Page
Rhizome = art organization in NYC - Artbase = archive of born-digital art 1983-present.) - First Wikibase instance outside of Wikimedia projects - https://artbase.rhizome.org/wiki/Query/example1

3) **Enslaved.org:** https://enslaved.org + https://lod.enslaved.org/wiki/Meta:Main_Page
LOD platform containing ±1M records (people, events, places, and sources) related to the transatlantic slave trade
https://tech-news.wikimedia.de/en/2021/02/18/stories-of-the-enslaved-told-using-wikibase/

4) **FactGrid:** https://database.factgrid.de/wiki/Main_Page
Open collaborative international Wikibase knowledge graph for historical research, 312 participants
FactGrid projects, by era: https://database.factgrid.de/wiki/FactGrid:Projects
Paris to download: https://database.factgrid.de/wiki/FactGrid:Nineteenth_Century#Paris_to_download
All the houses and streets of Paris c. 1820 in a data set with geographic coordinates and administrative information free to download
SPARQL: All the houses and streets of Paris c. 1820 https://tinyurl.com/yf4fvrf7 + https://blog.factgrid.de/archives/2333

5) **Aviation Safety Network:** https://aviation-safety.net/about/
Provides up-to-date, complete and reliable authoritative information on airliner accidents and safety issues.
The ASN Wikibase: https://aviation-safety.net/wikibase - updated regularly by a large user community and contains descriptions of more than 258,000 accidents involving light aircraft, military aircraft, helicopters, gyroplanes, gliders, hot air balloons and UAVs since 1905.

6) **EU Knowlegde Graph**: https://linkedopendata.eu/wiki/The_EU_Knowledge_Graph
Contains information about 1.9M projects financed by the EU and 700K beneficiaries of European projects - https://hal.archives-ouvertes.fr/hal-03353225/document + https://www.youtube.com/watch?v=PyBWo-ka9JU
Kohesio website: https://kohesio.ec.europa.eu - Frontend voor EU Knowledge Graph
https://www.wikimedia.de/presse/european-commission-goes-open-source-new-project-kohesio-uses-wikimedias-software-wikibase/
Verken bv EU-projecten in je buurt - 1.259 EU-projecten in Zuid-Holland - https://kohesio.ec.europa.eu/nl/?kaart%20regio=Nederland,Zuid-Holland,Q3119#mijn%20regio

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (5/11)

Voorbeelden van instellingen/projecten die Wikibase gebruiken (7-9)

7) Kunstmuseum API: https://api.kunstmuseum.nl/wiki/Kunstmuseum_API
Wikibase om data voor websites Delftsaardewerk.nl, Van Gogh Worldwide en Aziatisch keramiek vanuit verschillende musea te importeren en te leveren via een centrale API.
Delftsaardewerk.nl, Collectie Kunstmuseum Den Haag, object 0400098: https://delftsaardewerk.nl/bekijken/voorwerp/gemeentemuseum-den-haag/400098 + https://api.kunstmuseum.nl/wiki/Item:Q2559

Wikibase-projecten in bibliotheken

Wikibase is being evaluated by libraries as a tool to help them store and manage their structured data, as well as connect to the world of linked open data.
German National Library (DNB) - KB, national library of the Netherlands - National Library of France (more info) - National Library of the Czech Republic (more info) - National Library of Luxembourg (more info) - National library of Greece (more info) - The Smithsonian Libraries (more info)

8) DNB/GND: GND - Gemeinsame Normdatei, Integrated authority file for German speaking countries, 8 M authority records on persons, corporate bodies, subject headings, geographical names, works etc. https://www.dnb.de/EN/Professionell/Standardisierung/GND/gnd_node.html
Wikibase as a second home for the GND - To collaboratively edit and maintain authority records for the entire GLAM field and digital humanities.
https://tech-news.wikimedia.de/en/2020/03/04/wikibase-and-gnd/ + LA BIBLIOTECA PIATTAFORMA DELLA CONOSCENZA - Collaborativa, inclusiva, reticolare - 2021 (vanaf p 145)

9) **Meer Wikibase-instanties**
https://wikibase.world/wiki/Project:Home -- https://tinyurl.com/2jkres9t -- https://github.com/shigapov/wikibase-knowledge-graphs#awesome-wikibase-instances

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (6/11)

Meerdere bibliotheken hebben pilots, experimenten en evaluaties met Wikibase gedaan. Wat zijn hun bevindingen?

- OCLC, Project Passage: https://www.oclc.org/content/dam/research/publications/2019/oclcresearch-creating-library-linked-data-with-wikibase-project-passage-a4.pdf
- Bibliotheken VS, Use cases for institutional Wikibase instances: https://github.com/timothy-mendenhall/wikibase-use-cases/blob/master/UseCases-2020.md
- DNB, GND meets Wikibase: https://wiki.dnb.de/pages/viewpage.action?pageId=147754828 + https://wiki.dnb.de/pages/viewpage.action?pageId=167019461
- DBN/BnF: Wikibase for Cultural Heritage and Academia, Perceived pros and cons of Wikibase as a solution - https://joinup.ec.europa.eu/sites/default/files/custom-page/attachment/2020-11/Parallel-track-4_B-Fischer_J-Thill_A-Angjeli%20final%20ppt.pdf
- TIB/NFDI (Duitsland): Examining Wikidata and Wikibase in the context of research data management applications: https://blogs.tib.eu/wp/tib/2022/03/16/examining-wikidata-and-wikibase-in-the-context-of-research-data-management-applications https://www.youtube.com/watch?v=RPMkuDxHJtI
  Wikidata and Wikibase as complementary research services for cultural heritage data: https://blogs.tib.eu/wp/tib/2022/03/17/wikidata-and-wikibase-as-complementary-research-services-for-cultural-heritage-data/
- TIB/NFDI (Duitsland): https://zenodo.org/record/7738424 + http://docs.google.com/spreadsheets/d/1FNU8857JwUNFXmXAW16lgpjLq5TkgBUuafqZF-yo8_I/edit?usp=share_link

Opties hosting Wikibase

https://www.mediawiki.org/wiki/Wikibase/Which

1) Wikibase Suite (via Docker): https://www.mediawiki.org/wiki/Wikibase/Docker + https://www.mediawiki.org/wiki/Wikibase/Suite
Wikibase software that you install and run on your own hardware (typically via Docker).
Good for users who want to try out Wikibase on their own hardware and who want to customize their installation.
Good for institutions with large datasets.

2) Wikibase.cloud: https://www.wikibase.cloud
Still in closed beta - Wikibase.cloud is free "Wikibase as a service" platform to create Wikibases quickly and easily managed and maintained by Wikimedia Deutschland. - https://www.wikibase.cloud/wikis/create
KB's sandbox WB instance on Wikibase.cloud: https://kbtestwikibase.wikibase.cloud/wiki/Main_Page
Things KB encountered during setup of this WB.cloud instance:
https://commons.wikimedia.org/wiki/File:KB_Wikibase.cloud_Unboxing_Experience,_Netherlands_Wikibase_Knowlegde_Group,_22-07-2022.pdf

3) Free hosting @ Miraheze: https://meta.miraheze.org/wiki/Miraheze

4) KB IT infrastructuur: Contactpersoon: Danielle Jansen KB

5) Commercial hosting & services: https://meta.wikimedia.org/wiki/Wikibase/Consultants_and_Support_Providers

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (7/11)

Hoe zit een Wikibase in elkaar?

1) WB componenten & architectuur

- Diefenbach et al (2021), "Wikibase as an Infrastructure for Knowledge Graphs: the EU Knowledge Graph" - https://hal.science/hal-03353225/document
  MariaDB = relationale MySQL DB
  BlazeGraph = RDF triple store
  Query service UI = SPARQL
- WB architecture documentation: https://wmde.github.io/wikidata-wikibase-architecture

2) Hoe worden dingen in een Wikibase beschreven? → Wikibase datamodel

- Wikibase datamodel (simpel) : https://www.mediawiki.org/wiki/Wikibase/DataModel/Primer
- Amsterdam in de EU Knowlegde Graph, "Amsterdam is de hoofdstad van Nederland". Triple:
  - Item: Nederland - https://linkedopendata.eu/wiki/Item:Q19
  - Eigenschap: Hoofdstad - https://linkedopendata.eu/wiki/Property:P27
  - Waarde: Amsterdam - https://linkedopendata.eu/wiki/Item:Q43
- Opbouw datamodel:
  - Unieke identifier Q43 in https://linkedopendata.eu/wiki/Item:Q43
  - Meertalige fingerprint: Label, Beschrijving, Aliases (Ook bekend als)
  - Statement: P32 + Q19
  - Qualifier met P33
  - Bronvermelding
  - Externe identifiers (P's): Amsterdam in andere databases
- Versiegeschiedenis: https://linkedopendata.eu/w/index.php?title=Item:Q43&action=history
- Wikibase datamodel (conceptueel) : https://www.mediawiki.org/wiki/Wikibase/DataModel

3) Andere datamodellen in Wikibase

- Wikibase heeft een eigen uniek datamodel, daar zitten beperkingen aan.
- In hoeverre kun je andere (door de KB gebruikte) datamodellen (RDA, schema.org) in een WB opnemen?
- Literatuur over beperkingen datamodel Wikibase
  - https://wikidataworkshop.github.io/2022/papers/Wikidata_Workshop_2022_paper_9774.pdf - Wikidata'22: Wikidata workshop at ISWC 2022 - daniil.dobriy@wu.ac.at (D.Dobriy); axel.polleres@wu.ac.at (A. Polleres) - CC BY 4.0 – CEUR Workshop Proceedings, http://ceur-ws.org, ISSN 1613-0073
  - Diefenbach et al (2021), "Wikibase as an Infrastructure for Knowledge Graphs: the EU Knowledge Graph" - https://hal.science/hal-03353225/document
  - Bergamin, G. (2022). Wikibase, or The search for the unicorn. JLIS.It, 13(3), 49–62. https://doi.org/10.36253/jlis.it-484
- Oplossingsrichting door National Library of Greece (NLG)
  - http://www.rda-rsc.org/sites/all/files/NLG_Wikibase.pdf - https://www.youtube.com/watch?v=TPIS11QK8jI - Samenvatting door Marieke Moolenaar (KB), interne email, 21-8-2023
- Analyse door Marieke Moolenaar: https://plein.kb.nl/thoughts/25980 + https://github.com/schemaorg/schemaorg/wiki/BlazeGraphSPARQLHowto

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (8/11)

Hoe vraag je data op uit een Wikibase?

1) HTML content in web browser
- Theun de Vries in KB Wikibase GUI
  - https://kbtestwikibase.wikibase.cloud/wiki/Item:Q29
  - https://kbtestwikibase.wikibase.cloud/entity/Q29
  - https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29
  - https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=html

2) Non-HTML content in web browser
- JSON: https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.json +
  https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=json
- RDF/XML: https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.rdf +
  https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData?id=Q29&format=rdf
- Overige formaten
  - https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.jsonld
  - https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.ttl / .n3
  - https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.nt
  - https://kbtestwikibase.wikibase.cloud/wiki/Special:EntityData/Q29.php

3) MediaWiki API
- Algemene API voor alle Wikimedia-projecten (Wikidata, Wikipedia, Wikimedia Commons etc.)
- API endpoint for KB sandbox WB: https://kbtestwikibase.wikibase.cloud/w/api.php
  Q29 as JSON: https://kbtestwikibase.wikibase.cloud/w/api.php?action=wbgetentities&ids=Q29&format=json
  Q29 as XML: https://kbtestwikibase.wikibase.cloud/w/api.php?action=wbgetentities&ids=Q29&format=xml

4) SPARQL
- FactGrid, Woonadressen van Parijse schilders in 1834: https://tinyurl.com/2mrnynpd
- FactGrid, Leeftijden van overleden personen: https://tinyurl.com/2y6f78x5
- EU Knowlegde Graph, Gebouwen van de EU: https://tinyurl.com/242a3rrh
- KB Wikibase, Middeleeuwse handschriften van de KB: https://tinyurl.com/2bxb8hkn

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (9/11)

Hoe voeg je data toe aan een Wikibase?

Nuttige links: https://www.mediawiki.org/wiki/Wikibase/Importing + https://github.com/shigapov/wikibase-knowledge-graphs#data-import + https://www.wikibase.consulting/fast-bulk-import-into-wikibase/

1) Nieuw item handmatig toevoegen via GUI
- O.b.v. KB sandbox WB: https://kbtestwikibase.wikibase.cloud/wiki/Main_Page
- https://kbtestwikibase.wikibase.cloud/wiki/Special:NewItem → H.H. ter Balkt https://kbtestwikibase.wikibase.cloud/wiki/Item:Q32

2) OpenRefine (in bulk)
- OpenRefine is a well-known tool for editing, enriching and manipulating data. It is widely used to add data to Wikidata and other Wikibase instances.
- OpenRefine-Wikidata workshop, KB, 4-7-2023: https://github.com/KBNLwikimedia/OpenRefine-Introduction-Workshop + https://zenodo.org/record/8207914
- Winnaars Halewijn literatuurprijs
  - Scenario 1 : We willen kijken of deze namen in bepaalde Wikibases voorkomen (reconciliatie). Reconciliatie services van Wikidata, FactGrid, Kunstmuseum en de KB
  - Scenario 2: We willen (nieuwe, verrijkte, verbeterde) data wegschrijven in (bv.) de KB Wikibase - Koppel OpenRefine aan de KB-Wikibase
- Hoe werken deze scenario's precies?
  - https://en.wikiversity.org/wiki/OpenRefine_to_Wikibase:_Data_Upload_Pipeline
  - https://docs.openrefine.org/manual/wikibase/configuration + https://docs.openrefine.org/manual/wikibase/reconciling + https://openrefine.org/docs/manual/wikibase/uploading
  - https://github.com/KBNLresearch/OpenRefine-Wikibase

3) QuickStatements (in bulk): “Van (geformateerde) .txt of .csv naar Wikibase”: https://meta.wikimedia.org/wiki/QuickStatements + https://kbtestwikibase.wikibase.cloud/tools/quickstatements/#/batch + https://www.wikidata.org/wiki/Help:QuickStatements

4) Geavanceerde data import tools
- WikibaseImport, a MediaWiki extension: https://github.com/Wikidata/WikibaseImport
- WikibaseIntegrator, a Python library: https://github.com/LeMyst/WikibaseIntegrator + https://pypi.org/project/wikibaseintegrator/0.11.2/
- WikidataIntegrator, a Python library: https://github.com/SuLab/WikidataIntegrator + https://zenodo.org/record/8004921
- WikibaseSync, a Python library: https://github.com/the-qa-company/WikibaseSync + https://wikibase.the-qa-company.com/wiki/WikibaseSync_-_Tutorial
- wikibase-edit, a NodeJS library: https://github.com/maxlath/wikibase-edit + https://github.com/maxlath/wikibase-edit/blob/master/docs/how_to.md
- wikibase-cli, a command-line interface: https://github.com/maxlath/wikibase-cli
- VanDerBot, a Python application: https://heardlibrary.github.io/digital-scholarship/lod/wikibase/load/ + https://github.com/HeardLibrary/linked-data/tree/master/vanderbot
- Pywikibot, a Python library : https://www.mediawiki.org/wiki/Manual:Pywikibot + https://github.com/wikimedia/pywikibot + https://doc.wikimedia.org/pywikibot/stable/scripts/wikibase.html
- RaiseWikibase, a Python tool: https://github.com/UB-Mannheim/RaiseWikibase
- Wikidata-Toolkit, a Java library: https://www.mediawiki.org/wiki/Wikidata_Toolkit + https://github.com/Wikidata/Wikidata-Toolkit

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Wikibase community

1) Wikibase Community User Group

- Its mission is to cultivate Wikibase's development and to encourage like-minded developers and data analysts not only to improve Wikibase's existing tools but also to create new ones. - https://meta.wikimedia.org/wiki/Wikibase_Community_User_Group
- WBCUG geschiedenis https://www.lehir.net/a-short-history-of-the-wikibase-community-user-group/
- WBCUG leden https://meta.wikimedia.org/wiki/Wikibase_Community_User_Group
- WBCUG maandelijkse online bijeenkomsten - The Wikibase Live sessions - https://meta.wikimedia.org/wiki/Category:Wikibase_Community_User_Group/Meetings
- WBCUG Mailing list: https://lists.wikimedia.org/postorius/lists/wikibaseug.lists.wikimedia.org
- WBCUG Telegram: https://t.me/+WBsf9-C9KPuMZCDT + https://t.me/joinchat/HGjGexZ9NE7BwpXzMsoDLA

2) Wikibase Stakeholder Group

- Commissions production and maintenance of open source extensions to Wikibase, and documentation for institutions that want to operate and maintain a fully-fledged instance of Wikibase. The group will focus on extensions to Wikibase instead of contributing to Wikibase core. - https://wbstakeholder.group/about
- WBSG leden: https://wbstakeholder.group/members
- WBSG maandelijkse online bijeenkomsten (notulen): https://notepad.rhizome.org/wikibase-stakeholder-meetings#
- WBSG Loomio: https://loomio.rhizome.org/wbsg/
- WBSG Mastodon: https://mastodon.social/web/@wbstakeholders // WBSG Twitter: https://twitter.com/wbstakeholders

3) Wikibase Kennisgroep Nederland

- Voor iedereen in Nederland die met Wikibase werkt, wil gaan werken of anderszins geïnteresseerd is in deze software. Voornamelijk voor - maar zeker niet beperkt tot - professionals uit Nederlandse erfgoed- en kennisinstellingen, en aanverwante organisaties en bedrijven. - https://www.wikidata.org/wiki/Wikidata:GLAM/Koninklijke_Bibliotheek_Nederland/WikibaseActivities#Dutch_Wikibase_knowledge_group
- WBGNL bijeenkomsten: https://www.wikidata.org/wiki/Wikidata:GLAM/Koninklijke_Bibliotheek_Nederland/WikibaseActivities#Meetings + https://wbstakeholder.group/events/presentations#netherlands-wikibase-knowledge-group
- WBGNL mailinglist: https://lists.wmnederland.nl/mailman/listinfo/wikibase-nl
- WBGNL Loomio: https://loomio.rhizome.org/wbgn/

4) Losstaande Wikibase workshops, trainingen, meetups, o.a.

- Antwerpen, 2018: https://blog.factgrid.de/archives/835
- New York, 2018: https://www.wikidata.org/wiki/Wikidata:WikiProject_Wikidata_for_research/Meetups/2018-09-19-21-New-York
- Gent, 2019: https://www.wikidata.org/wiki/Wikidata:Events/Belgium/Universiteit_Gent/Wikidata_and_Wikibase_Workshop/2019
- Stockholm, 2019: https://pro.europeana.eu/post/wikidata-wikibase-for-national-libraries-the-inaugural-meeting
- Tokyo, 2019: https://twitter.com/andrawaag/status/1178496977723543552
- Duitsland, online, 2021: https://nfdi4culture.de/news/wikibase-workshop.html
- Online, 2022: https://nfdi4culture.de/events/jcdl-workshop-open-refine-to-wikibase-a-new-data-upload-pipeline
- Brussel, 2023: https://joinup.ec.europa.eu/collection/semic-support-centre/event/second-workshop-wikidata-and-wikibase
- Wenen, 2023 https://wikibase-lex.sciencesconf.org/

Tekstuele samenvatting *Introductie Wikibase: de basis*, Olaf Janssen, KB, 7 september 2023 (11/11)

Hoe blijf je op de hoogte?

- Via de meetings, notulen, presentaties, mailinglijsten, socials etc. van de WBCUG, WBSG en WBGNL. – zie overzicht hiervoor.
- Wikibase.cloud:
  - Project updates Wikibase.cloud: https://meta.wikimedia.org/wiki/Wikibase/Wikibase.cloud
  - Mailing list Wikibase.cloud: https://lists.wikimedia.org/postorius/lists/wikibase-cloud.lists.wikimedia.org
  - Telegram: https://t.me/joinchat/FgqAnxNQYOeAKmyZTIId9g
- Specifiek voor bibliotheken:
  - Wikibase Working Hours - *Community discussion of Wikidata & Wikibase with the goal of understanding how the library can contribute to and leverage these as a platform for publishing, linking, and enriching library linked data* - https://www.wikidata.org/wiki/Wikidata:WikiProject_LD4_Wikidata_Affinity_Group/Wikibase_Working_Hours
  - IFLA Wikidata Working Group - *This working group will explore and advocate for the use of and contribution to Wikidata by library and information professionals, the integration of Wikidata and Wikibase with library systems, and alignment of the Wikidata ontology with library metadata formats such as BIBFRAME, RDA, and MARC* - https://mail.iflalists.org/wws/info/wikidatawg
- En verder
  - Wikidata Weekly Summary, bevat ook WB updates! https://www.wikidata.org/wiki/Wikidata:Status_updates + https://www.wikidata.org/wiki/Topic:Xks1m3byqvkjdhz1 + https://www.wikidata.org/wiki/Wikidata:Status_updates/2023_06_26
  - Wikibase yearly summaries (Envel Le Hir): https://www.lehir.net/wikibase-yearly-summary-2022/ (2021, 2020)
  - Blog Addshore, over Wikibase: https://addshore.com/?s=wikibase

Waar/hoe vind je hulp?

Actieve hulp:

- Hulp door community - Via alle communitykanalen hiervoor genoemd.
- Tip: Telegram voor snelle hulp
- Hulp van User:OlafJanssen: https://www.wikidata.org/wiki/User:OlafJanssen -- https://www.kb.nl/over-ons/experts/olaf-janssen

Passieve hulp:

- Documentatie, manuals, HOWTOs, tutorials etc.
- Wikibase documentatie portal (WMDE): https://www.mediawiki.org/wiki/Wikibase + https://www.mediawiki.org/wiki/Wikibase/Using_Wikibase
- Wikibase technische documentatie (low-level): https://doc.wikimedia.org/Wikibase/master/php
- Wikibase.cloud documentation portal (WMDE): https://www.mediawiki.org/wiki/Wikibase/Wikibase.cloud + https://phabricator.wikimedia.org/tag/wikibase.cloud/ (WB.cloud issue tracker)

En verder

- Learning Wikibase, *a place to learn and share online resources (e.g. articles, videos, workflows, FAQ's) that make it easier to install, maintain or customize your Wikibase instance*. - http://learningwikibase.com
- Tip!! Wikibase resources overview (Renat Shigapov): https://github.com/shigapov/wikibase-knowledge-graphs
- UCLA Library Research Guide on Wikibase and Wikidata: https://guides.library.ucla.edu/semantic-web/wikidata#s-lg-page-section-6895500
- Awesome Wikibase tutorials (Renat Shigapov) - https://github.com/shigapov/wikibase-knowledge-graphs#awesome-wikibase-tutorials