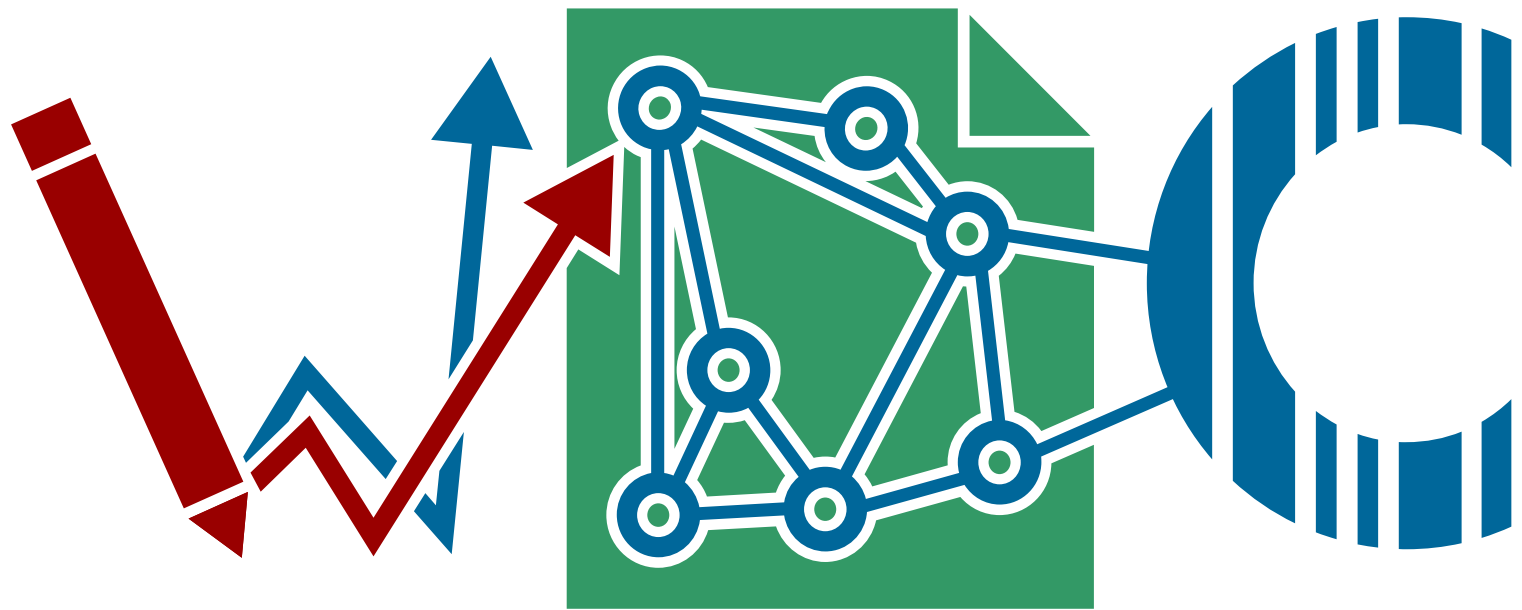


Evaluating the quality of linked open data in digital libraries





WIKI DATA CON

*Wikidata
& languages*

2019

Evaluating the quality of linked open data in digital libraries

Gustavo Candela, Pilar Escobar, Rafael C. Carrasco, Manuel Marco-Such

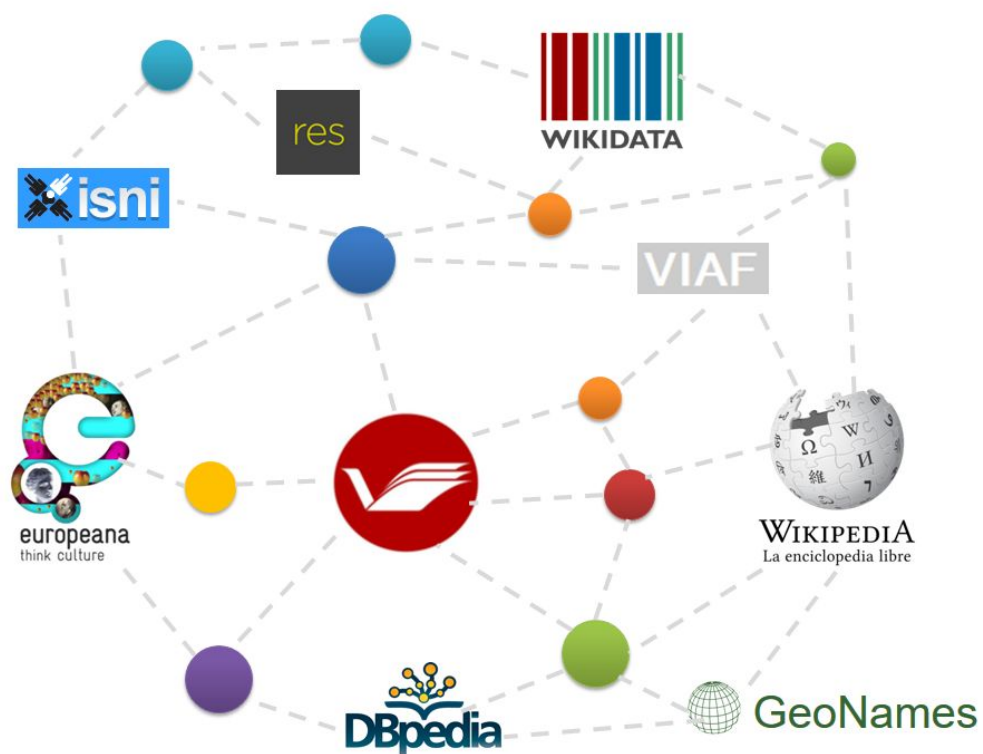


WikidataCon 2019, 25-26 October, Berlin

Introduction

Libraries are publishing their collections as **Linked Open Data**.

- <https://data.bnf.fr/>
- <http://datos.bne.es>
- <http://data.cervantesvirtual.com>
- <https://bnb.data.bl.uk/>
- <http://id.loc.gov/>
- <http://data.europeana.eu>



GOAL: Reusing LOD from libraries

- Which dataset should we use?
- Which dataset is better in terms of quality?

Evaluation of data quality in libraries

- **Compare the different available repositories.**
- **Meet the needs of the consumers.**
- **Researchers can address new challenges improving the methodology.**
- **Organizations can benefit from best practices when publishing their LOD repositories.**

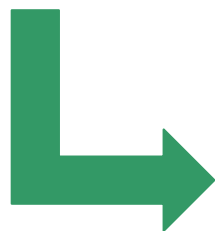


Benchmarking

We need:

- A set of **candidates**.
- A set of **features** to compare the candidates. (SPARQL endpoint, web interface, publications, vocabularies, Wikidata properties, etc.).
- Is there a place to retrieve the candidates? E.g., <https://lod-cloud.net/>.

Could we use Wikidata?



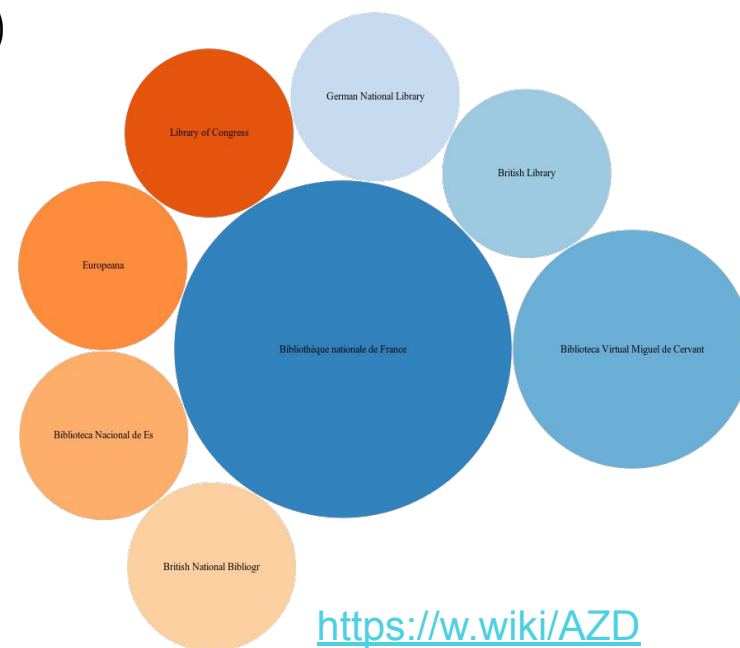
```
SELECT distinct ?xLabel ?endpoint WHERE {  
  ?x p:P31/ps:P31/wdt:P279* wd:Q7075 . # digital library  
  ?x wdt:P5305 ?endpoint .  
  SERVICE wikibase:label { bd:serviceParam wikibase:language  
    "[AUTO_LANGUAGE],en". }  
}  
LIMIT 100
```

<https://w.wiki/AVE>



Benchmarking

- British National Bibliography (<https://bnb.data.bl.uk/>)
- Biblioteca Virtual Miguel de Cervantes (<http://data.cervantesvirtual.com>)
- Bibliothèque nationale de France (<https://data.bnf.fr/>)
- Biblioteca Nacional de España (<http://datos.bne.es/>)



<https://w.wiki/AZD>



**Functional Requirements
for Bibliographic Records**



Methodology

Michael Färber, Frederic Bartscherer,
Carsten Menne, Achim Rettinger:
**Linked data quality of DBpedia,
Freebase, OpenCyc, Wikidata, and
YAGO.** Semantic Web 9(1): 77-129
(2018).



Wikidata can be used to assess data quality!

Dimensions

Accuracy	Ease of understanding
Trustworthiness	Interoperability
Consistency	Accessibility
Relevancy	License
Completeness	Interlinking
Timeliness	

Accuracy

- **A new criterion to evaluate the number of duplicate entities in Wikidata.**

Wikidata property
BnF ID (P268)
BNE ID (P950)
BNE journal ID (P2768)
BVMC person ID (P2799)
BVMC work ID (P3976)
BVMC place id (P4098)
BNB person ID (P5361)

```
SELECT ?s (COUNT(?id) AS  
?total)  
WHERE { ?s wdt:P268 ?id }  
GROUP BY ?s  
HAVING (COUNT(?id) > 1)
```



Results

- At the time of writing this report, no **property** in Wikidata was linked to the **BNB**.
- It would be desirable that DLs include **provenance information** as part of the metadata.
- Some criteria are not adapted to DLs since, for example, interfaces at the moment do not allow **to edit the information**.



Results

- DLs are focused on their own content and do not have a universal coverage as a target.

```
SELECT DISTINCT ?writer
WHERE {
  ?writer wdt:P31 wd:Q5 .
  ?writer wdt:P106 wd:Q49757 .
  ?writer wdt:P106 wd:Q214917 .
}
```

- Only the BnF provides **labels in multiple languages** by means of rdfs:label.
- All of them employ **self-describing URIs**.

<http://data.cervantesvirtual.com/person/40>

<https://bnb.data.bl.uk/doc/person/CervantesSaavedraMiguelde1547-1616>



Results

- All of the DLs provide a number of **output formats** (e.g., RDF/XML, JSON) and employ relevant **external vocabularies** (e.g., FRBR, RDA, BIBO).
- Licensing information is always published, but **only the BNB distributes machine-readable licensing information** (e.g., dcterms:licence).
- Up to **one third** of the instances in every dataset is **connected to external repositories**.



Building Library Labs

Building Library Labs
Thursday 13 & Friday 14 September 2018
British Library, Centre for Conservation, Euston Road, NW1 2DB, London, United Kingdom



Building Library Labs



Building Library Labs: 1st Event, September 2018
Building Library Labs: 2nd Event, March 2019

Outputs from workshop, held on 13-14, September, 2018, British Library,
London, NW1 2DB

Organised by [British Library Labs](#)

<https://blogs.bl.uk/digital-scholarship/2018/09/building-library-labs-around-the-world.html>
<https://blogs.bl.uk/digital-scholarship/2019/02/the-world-wide-lab-building-library-labs-part-ii.html>

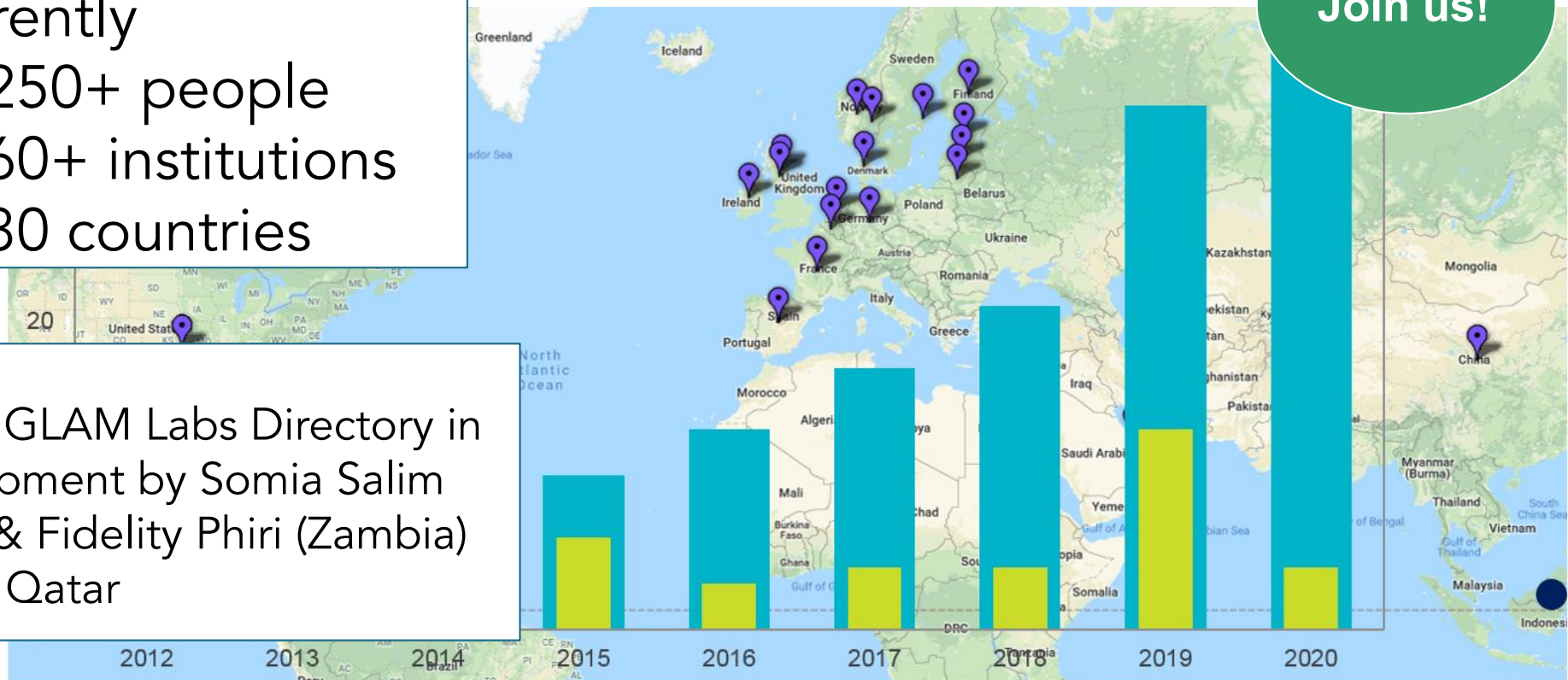
With thanks to Mahendra Mahey & Sally Chambers

Growing the International Cultural Heritage Labs Community

Currently

- 250+ people
- 60+ institutions
- 30 countries

Global GLAM Labs Directory in development by Somia Salim (India) & Fidelity Phiri (Zambia) at UCL Qatar



Join us!

It's all about people!



YouTube: <https://bit.ly/2YMxXYj>

BRITISH LIBRARY

Catalogues ▾ Collections ▾ Discover ▾ Services ▾ Visiting ▾

Digital scholarship blog

All our blogs | Latest posts | About this blog

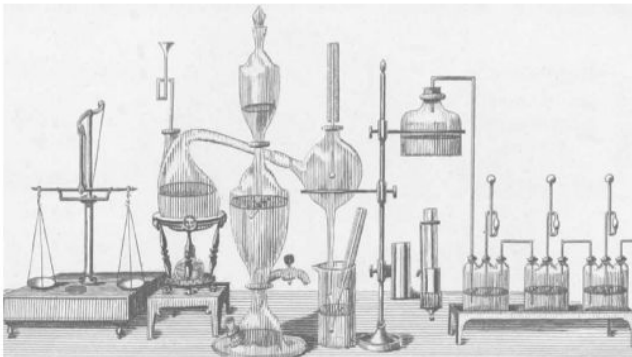
Search this blog Search

[Main](#) [Previous post](#) | [Next post](#) ▾

29 JULY 2019

Invitation to join 'Digital Cultural Heritage Innovation Labs Book Sprint', Doha, Qatar, 23-27 September 2019

Posted by Mahendra Mahey, Manager of BL Labs and Milena Dobрева-McPherson, Associate Professor Library and [Information Studies UCL Qatar](#).

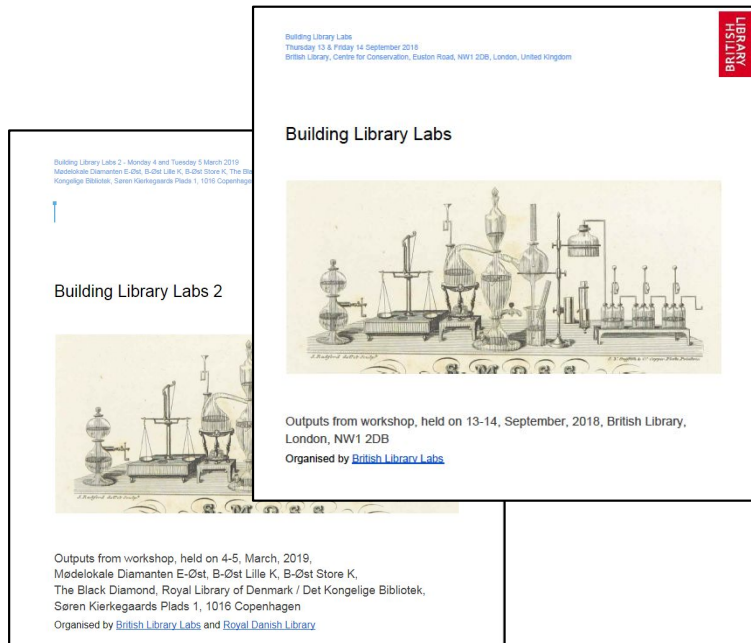


Digital Cultural Heritage Innovation Labs BookSprint 23-27 Sept. 2019, Doha, Qatar

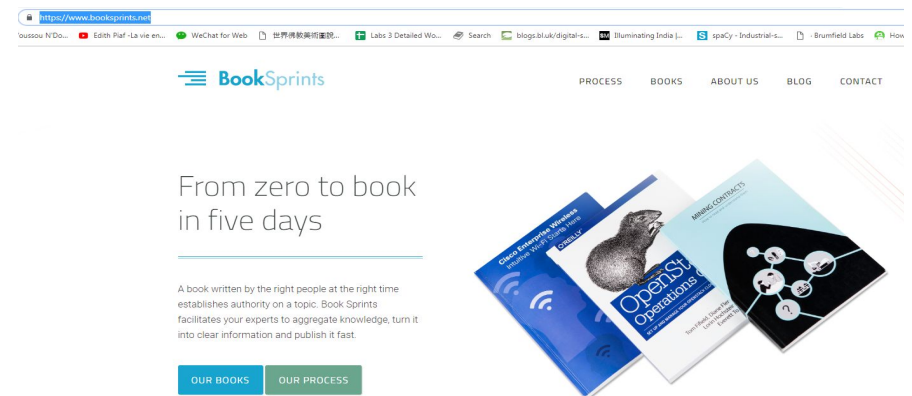
<https://blogs.bl.uk/digital-scholarship/2019/07/invitation-to-join-digital-cultural-heritage-innovation-labs-book-sprint-doha-qatar-23-27-september.html>

International Labs Booksprint

The GLAM Labs Living Cookbook?



**Over 120 pages output
from 2 events**



Another team in Australia/NZ editing, proofing and illustrating each day when other group sleeping.

<https://www.booksprints.net/>

GLAM Labs Book

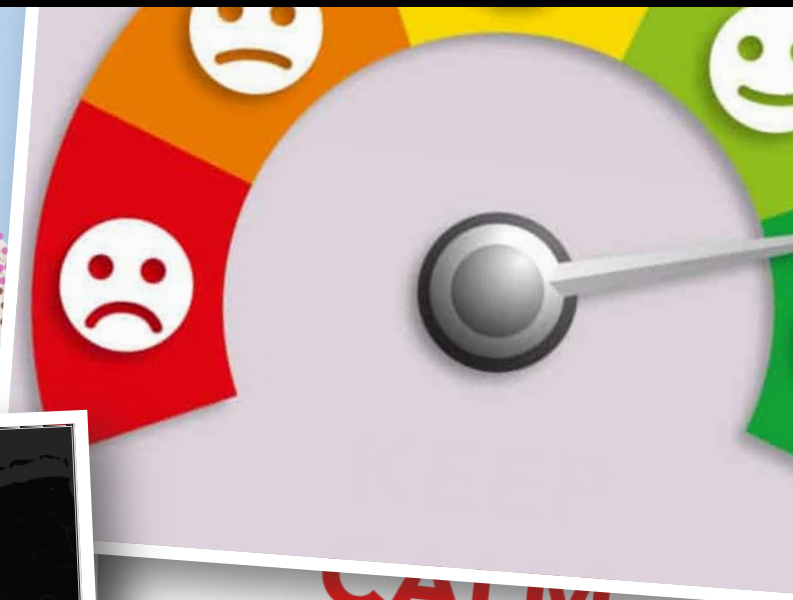
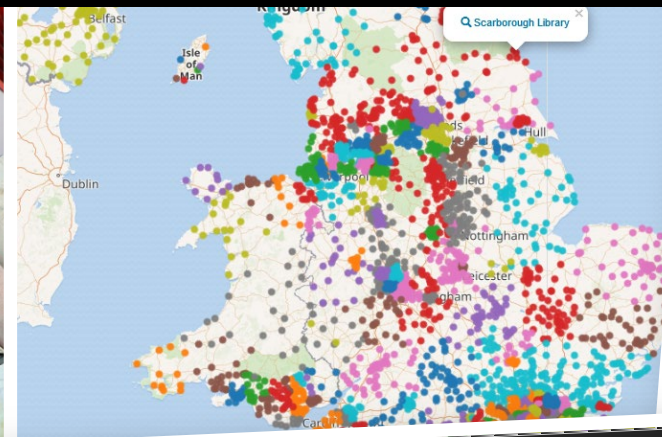
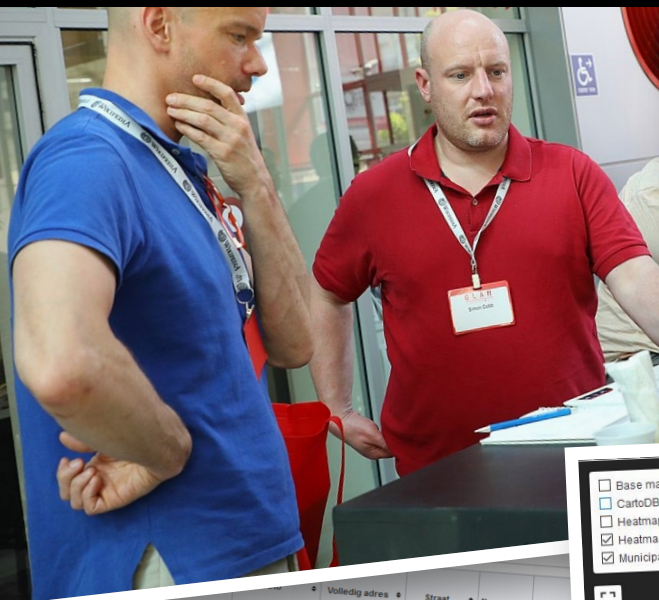


- What is a GLAM Lab?
- What team is needed in a Lab?
- What are the values of a Lab team?
- How is funded?
- How do I publish my collections?

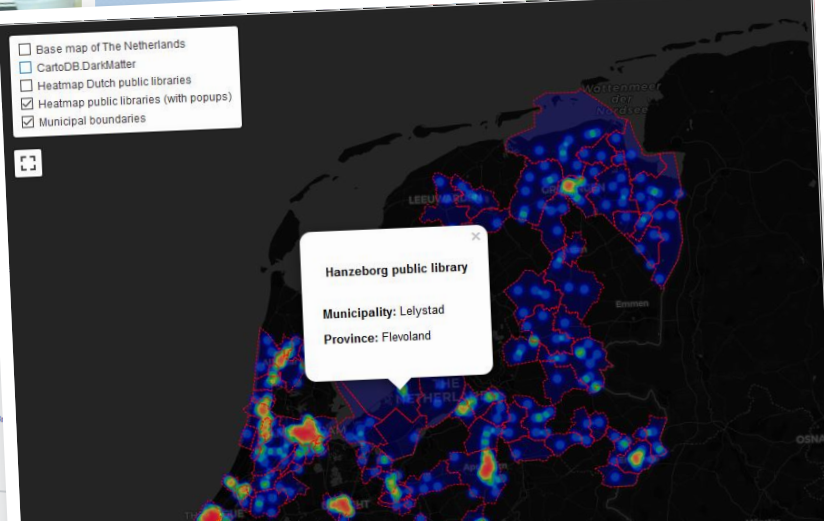
Available in International Open Access Week (21-27 October 2019)

Mahendra Mahey, Abigail Potter, Aisha Al-Abdulla, Armin Straube, Caleb Derven, Ditte Laursen, Gustavo Candela, Katrine Gasser, Kristy Kokegei, Lotte Wilms, Milena Dobрева-McPherson, Paula Bray, Sally Chambers, Sarah Ames, Sophie-Carolin Wagner and Stefan Karner.

Creating LOD for Dutch public libraries



	Volledig adres	Straat	Nummer	Postcod
Nieuwe Veste bibliotheek Centrum				
Nieuwe Veste bibliotheek Centrum				
Nieuwe Veste bibliotheek Noord				
Nieuwe Veste bibliotheek Noord				
Nieuwe Veste bibliotheek Noord				



CALM AND SHOW THEM WHO'S BOSS

Olaf Janssen

olaf.janssen@kb.nl

@ookgezellig

User:OlafJanssen // Q66439268

slideshare.net/OlafJanssenNL

KB } nationale bibliotheek

WikidataCon, Berlin, 26th Oct 2019, 10:00-10:55



Tel Aviv, 1 year ago...





Tel Aviv, 1 year ago...

Me

(zero practical
Wikidata skills & knowlegde)

Tel Aviv, 1 year ago...

Simon Cobb
User:Sic19

Me
(zero practical
Wikidata skills & knowlegde)



GLAMTLV2018/Submissions/Don't forget the libraries - increasing the coverage in Wikidata

< GLAMTLV2018



This is an **Open submission** for GLAM TLV Conference 2018 that has been accepted by the Program Committee.

Submission no. 18

Title of the submission

Don't forget the libraries - increasing the coverage in Wikidata

[Etherpad](#)

Author(s) of the submission

Simon Cobb (User:Sic19)

E-mail address

sncobb82@gmail.com

Country of origin

United Kingdom

Affiliation, if any (organisation, company etc.)

Type of session

Lightning talk

Length of session

5-10 minutes

Ideal number of attendees

no preference

Abstract

The aim of this short talk is to highlight the lack of libraries in Wikidata. Coverage of the major, internationally renowned libraries, such as the Library of Congress, British Library, Bibliothèque nationale de France etc. is strong and rightly so given the size and richness of their holdings. There is, however, only sparse coverage of smaller, public libraries even though these institutions are especially valuable to the communities they serve. Personally, I found this to be a huge disappointment and decided to address the problem. Using donated or open data about public libraries in England and Wales, I have started to add the libraries that are missing from Wikidata. I would like to share some of the data visualisations that are now possible, such as a map of public libraries in Wales.

Simon:
Let's put
more public libraries
in Wikidata!

https://meta.wikimedia.org/wiki/GLAMTLV2018/Submissions/Don%27t_forget_the_libraries_-_increasing_the_coverage_in_Wikidata

GLAMTLV2018/Submissions/Don't forget the libraries - increasing the coverage in Wikidata

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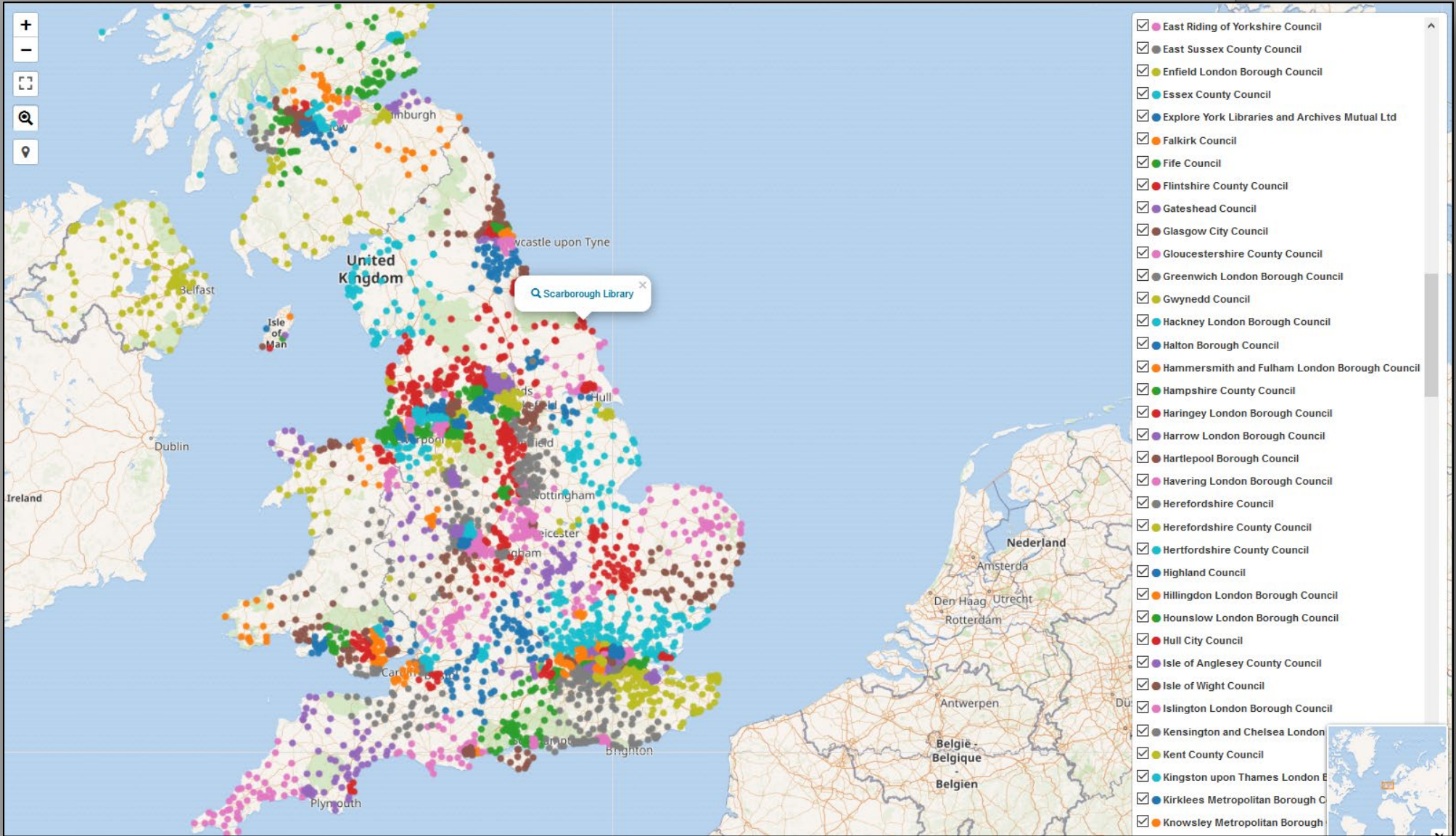
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The aim of this short talk is to highlight the lack of libraries in Wikidata. Coverage of the major, internationally renowned libraries, such as the Library of Congress, British Library, Bibliothèque nationale de France etc. is strong and rightly so given the size and richness of their holdings. There is, however, only sparse coverage of smaller, public libraries even though these institutions are especially valuable to the communities they serve. Personally, I found this to be a huge disappointment and decided to address the problem. Using donated or open data about public libraries in England and Wales, I have started to add the libraries that are missing from Wikidata. I would like to share some of the data visualisations that are now possible, such as a map of public libraries in Wales.

Simon:
Let's put
more public libraries
in Wikidata!

- Add basic PL data**
- Name
 - Photo of building
 - Address
 - Lat-lon (geo coordinates)
- + sources

Public libraries in the UK



huge disappointment and decided to address the problem. Using donated or open data about public libraries in England and Wales, I have started to add the libraries that are missing from Wikidata. I would like to share some of the data as a [map of public libraries in Wales](https://w.wiki/3Ht).

<https://w.wiki/3Ht>

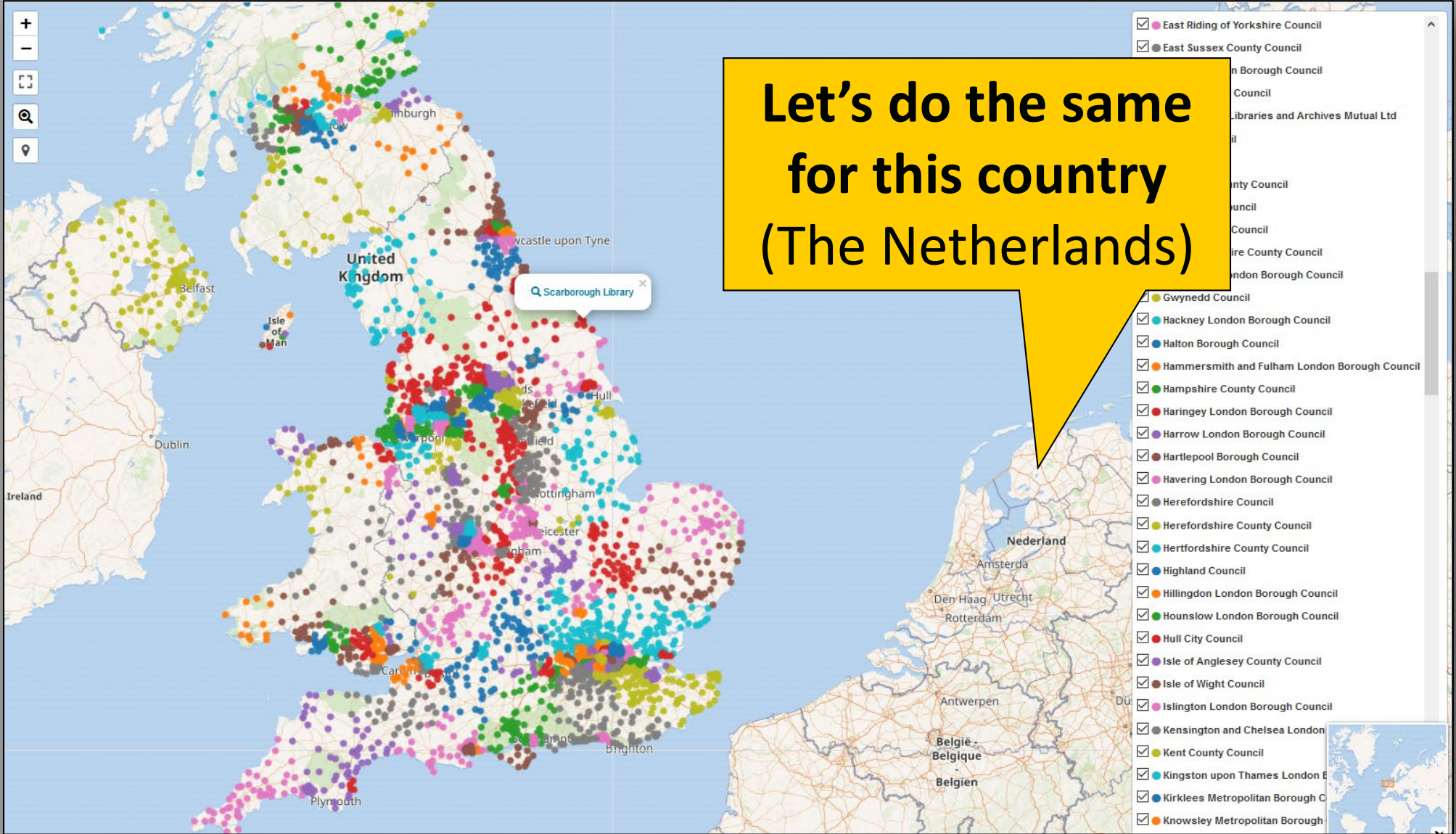
Public libraries in the UK

Cool stuff!

- East Riding of Yorkshire Council
- East Sussex County Council
- Enfield London Borough Council
- Essex County Council
- Explore York Libraries and Archives Mutual Ltd
- Falkirk Council
- Fife Council
- Flintshire County Council
- Gateshead Council
- Glasgow City Council
- Gloucestershire County Council
- Greenwich London Borough Council
- Gwynedd Council
- Hackney London Borough Council
- Halton Borough Council
- Hammersmith and Fulham London Borough Council
- Hampshire County Council
- Haringey London Borough Council
- Harrow London Borough Council
- Hartlepool Borough Council
- Havering London Borough Council
- Herefordshire Council
- Herefordshire County Council
- Hertfordshire County Council
- Highland Council
- Hillingdon London Borough Council
- Hounslow London Borough Council
- Hull City Council
- Isle of Anglesey County Council
- Isle of Wight Council
- Islington London Borough Council
- Kensington and Chelsea London Borough Council
- Kent County Council
- Kingston upon Thames London Borough Council
- Kirklees Metropolitan Borough Council
- Knowsley Metropolitan Borough Council

<https://w.wiki/3Ht>

GLAMTLV2018/Submissions/Don't forget the libraries - increasing the coverage in Wikidata



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Public libraries in The Netherlands

- 1.300 branches
- 160 organisations



GLAMTLV2018/Submissions/Don't forget the libraries - increasing the coverage in Wikidata

Project motivation

For society

- Better coverage, visibility & re-usability of Dutch public libraries via
 - Wikipedia
 - Linked Open Data

Personal

- Learn Wikidata + SPARQL
- Make cool maps

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But wasn't there already
enough basic PL data?



Gidsvoornederland.nl

(official national PL inventory,
maintained by KB)

GIDS als databron > Bibliotheken in Nederland

Bibliotheken

> Bibliotheken in Nederland

> Drenthe

> Groningen

> Flevoland

> Fryslân

> Gelderland

> Limburg

> Noord-Brabant

> Noord-Holland

> Overijssel

> Utrecht

> Zeeland

> Zuid-Holland

Bibliotheken in Nederland

Adresbestanden uit GIDS

Als u als Nederlandse bibliotheekorganisatie op zoek bent naar de adressen van bibliotheken kunt u hiervoor terecht bij gids@bibliotheek.nl. Andere organisaties verzoeken wij om op deze pagina te zoeken naar de gewenste bibliotheekgegevens.

 Zoek ➔

Afhaalpunt Arkel

Harpstraat 13

Afhaalpunt Bad Nieuweschans: COOP Supermarkt

Afhaalpunt Bad Nieuweschans in de COOP Supermarkt is een vestiging van Biblionet Groningen.

Afhaalpunt Baflo: Dorpshuis Agricola

Afhaalpunt Baflo is een vestiging van Biblionet Groningen.

Afhaalpunt Cultureel Centrum de Schroef

Haal- en brengpunt in Zundert.

Afhaalpunt Ezinge: Buurtsuper Attent Ubels

Afhaalpunt Ezinge in Buurtsuper Attent is een vestiging van Biblionet Groningen.

Afhaalpunt Giessenburg

van Brederodestraat 1

Afhaalpunt Nieuwolda: Verpleegcentrum 't Hamrik

Afhaalpunt Nieuwolda in verpleegcentrum 't Hamrik is een vestiging van Biblionet Groningen.

Afhaalpunt Oostdijk

Afhaalpunt van Bibliotheek Oosterschelde bij Stichting De Putter in Oostdijk.

Afhaalpunt Poortugaal

Dorpsstraat 34

Kern- en basisgegevens

Lokale bibliotheken, provinciale ondersteuningsinstellingen (POI's) en de Koninklijke Bibliotheek (KB) zijn verplicht om jaarlijks gegevens te leveren aan de minister van OCW. Dit is zo sinds op 1 januari 2015 de Wet stelsel openbare bibliotheekvoorzieningen (Wsob) van kracht werd. De verplichting komt voort uit de wens van subsidieverstrekkers om prestatiegegevens van publiek bekostigd bibliotheekwerk in te zien. Het gaat bijvoorbeeld om ledenaantallen, de omvang van de collectie, uitleningen, websitebezoeken, aantal en type vestigingen, aantal medewerkers en kosten, baten en subsidies. De focus ligt op de huidige status van het stelsel in cijfers en de ontwikkeling van deze gegevens in de loop der jaren. Binnen de andere twee thema's op Bibliotheekinzicht worden de kerngegevens in een bredere context geplaatst.

Bibliotheekinzicht.nl
(official PL statistics, maintained by KB)

KB } nationale
bibliotheek



Alle onderwerpen binnen Kern- en basisgegevens:

[Fysieke bibliotheek](#) [Digitale bibliotheek](#) [De bibliotheekorganisatie](#) [Personeel](#) [Financiën](#)

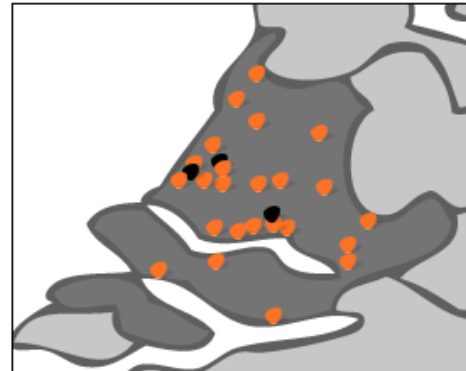
Ontwikkeling fysieke collectie

De fysieke collectie van bibliotheken verandert voortdurend. De afgelopen jaren was er een afname zichtbaar, maar voor het eerst sinds 2005 is er in 2017 een lichte toename in het aantal fysieke materialen zichtbaar. In 2017 bestond de totale collectie van alle openbare bibliotheken uit 25,3 miljoen items. Dit zijn fysieke boeken, muziek-cd's, dvd's en bladmuziek. Ten opzichte van 2016 nam de omvang

Zuid-Holland

● = bibliotheeklid

● = overige leden



[<< Terug naar kaart](#)

- **Onze vereniging**

Vernieuwing vereniging

[Onze leden](#)

Voor, door en met leden

Onze commissies

Ons bestuur

Onze erevoorzitter

Onze medewerkers

- **Over ons**

- **Informatie**

- **Vertegenwoordigingen**

- **Uitgaves**

Bibliotheek Rijn en Venen

Aarplein 8
2407 BZ Alphen a/d Rijn
www.bibliotheekrijnenvenen.nl

De bibliotheekorganisatie [Rijn en Venen](#) werkt in Alphen Centrum, Boskoop, Hazerswoude-Dorp, Hazerswoude-Rijndijk, Nieuwkoop, Roelofarendsveen, Ter Aar en Zoeterwoude-Dorp. Ook hebben ze bibliobussen.

Bibliotheek Oostland

Nachtegaallaan 4
2665 EH Bleiswijk
www.bibliotheekoostland.nl

De bibliotheekorganisatie [Oostland](#) heeft vestigingen in Berkel en Rodenrijs, Pijnacker, Bergschenhoek, Bleiswijk, Nootdorp, Delfgauw en Driesprong, Bergschenhoek.

Bibliotheek aan den IJssel

Stadsplein 39
2900 AH Capelle a/d IJssel
www.bibliotheekaandenijssel.nl

[Bibliotheek aan den IJssel](#) voert het bibliotheekwerk uit in Capelle en Krimpen aan den IJssel. Een bibliotheek in ontwikkeling met twee centrale vestigingen, twee servicepunten en op tien basisscholen een Bibliotheek op school.

DOK Delft

Vesteplein 100
2611 WG Delft
www.dok.info



Bekijk per provincie de gevonden openbare bibliotheken.

Bibliotheken per provincie

Drenthe

Flevoland

Friesland

Gelderland

Groningen

Limburg

Noord-Brabant

Noord-Holland

Overijssel

Utrecht

Zeeland

Zuid-Holland

Bibliotheek

Welkom op deze site met bibliotheken in Nederland. De bibliotheken staan overzichtelijk weergegeven per provincie (aan de linkerkant kun je de provincie van je keuze aanklikken) en bij elke bibliotheek zie je een stadskaartje zodat je weet waar je moet zijn. Er staan alleen openbare bibliotheken met een website vermeld, zo weet je zeker dat je alle informatie over de openingstijden en andere nuttige info van de bibliotheek kunt vinden.

Veel leesplezier!

PS: We hebben zelf geen bibliotheek en ook geen banden met bibliotheken. Voor boekaanvragen of informatie over de bibliotheek hoeft u ons dan ook niet te mailen, hiervoor kun je terecht bij de bibliotheek die het dichtst bij je in de buurt zit.

Bibliotheek Schoorl

Heereweg 150A in Schoorl
provincie: Noord-Holland

Bekijk deze bibliotheek: [Bibliotheek in Schoorl](#)

Bibliotheek Biddinghuizen

Baan 31 in Biddinghuizen
provincie: Flevoland

Bekijk deze bibliotheek: [Bibliotheek in Biddinghuizen](#)

Bibliotheek Voorhout

Kerkzicht 8 in Voorhout
provincie: Zuid-Holland

Bekijk deze bibliotheek: [Bibliotheek in Voorhout](#)

Bibliotheek Middelstum

Coendersweg 22 in Middelstum
provincie: Groningen

Bekijk deze bibliotheek: [Bibliotheek in Middelstum](#)



Weet je nog een bibliotheek die niet op deze site staat? Neem dan [contact](#) met ons op.

Openbare bibliotheken

Waarom naar een openbare bibliotheek? Bij een bibliotheek kun je niet alleen terecht om boeken te lenen, er is meestal ook een leestafel met kranten en tijdschriften en bij de meeste bibliotheken hoeft je niet eens lid te zijn om hier gebruik van te maken. Hiermee is de bibliotheek ook geschikt wanneer je in een onbekende stad een paar uurtjes over hebt. Ben je nog geen lid van de bibliotheek? Kijk dan even wat de kosten zijn om lid te worden bij een bibliotheek bij jou in de buurt, dit is vaak erg goedkoop. Wanneer je boekenliefhebber bent heb je deze kosten er zo uit!

Google Maps

openbare bibliotheek amsterdam

OBA Oosterdok
4,5 ★★★★★ (553)
Bibliotheek · Oosterdokskade 143
Open tot 22:00

OBA Banne
4,7 ★★★★★ (7)
Bibliotheek · Bezaanijachtplein 249
Sluit om 17:30

OBA Spaardammerbuurt
4,5 ★★★★★ (2)
Openbare bibliotheek · Spaardammerstraat 490
Sluit om 17:30

OBA Javaplein
4,2 ★★★★★ (25)
Openbare bibliotheek · Javaplein 2
Sluit om 17:30

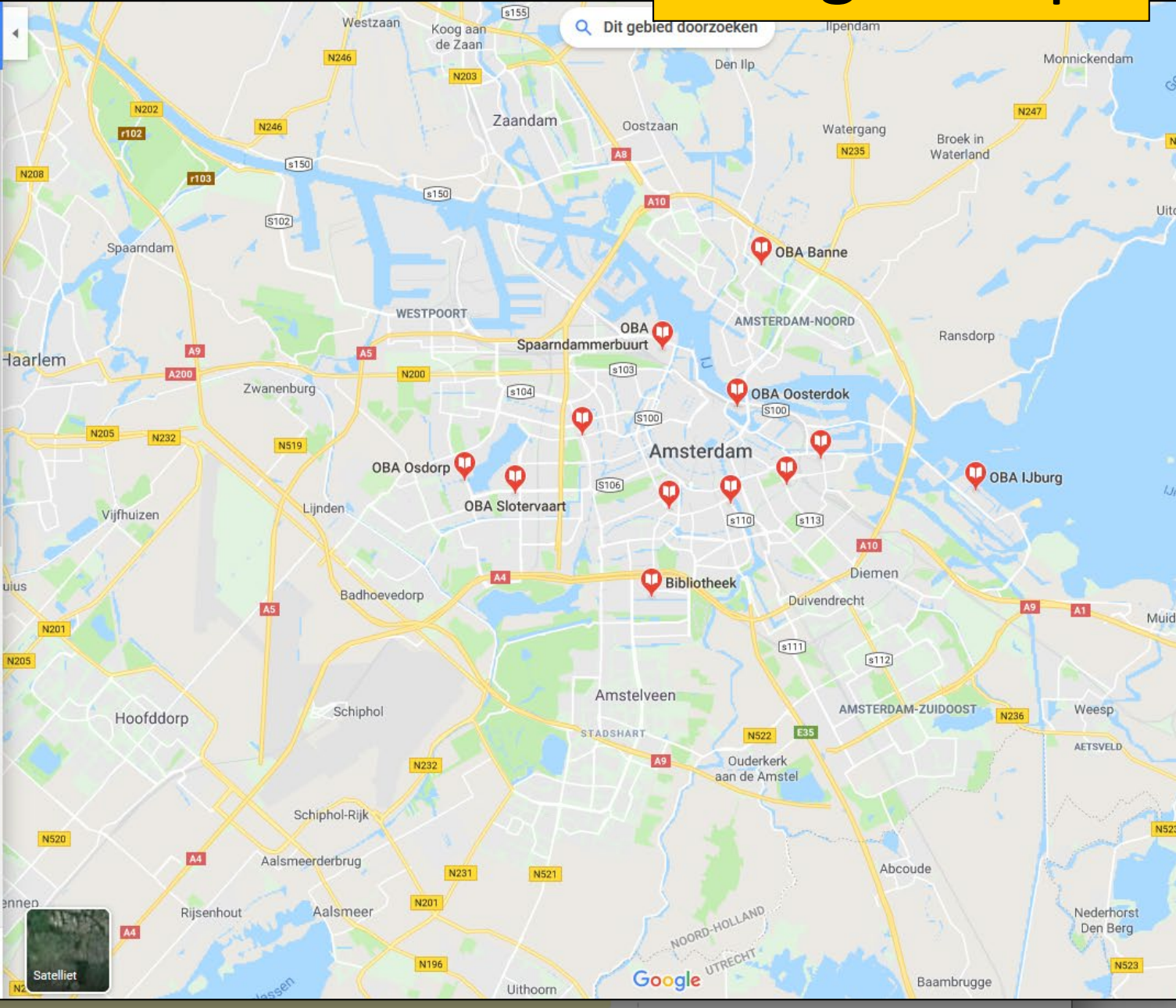
OBA Mercatorplein
3,0 ★★★★★ (9)
Openbare bibliotheek · Mercatorplein 89
Sluit om 17:30

OBA CC Amstel
4,3 ★★★★★ (17)
Openbare bibliotheek · Cullinanplein 1
Sluit om 17:30

OBA Osdorp
3,0 ★★★★★ (19)
Bibliotheek · Amsterdam
Sluit om 17:30

Resultaten 1 - 12

Resultaten updaten wanneer kaart beweegt



libraries.org

A directory of libraries throughout the world

[Home](#) [Libraries](#) [Guides](#) [Documents](#) [Vendors](#) [News](#) [Jobs](#) [Procurement](#) [Member Login](#)

found **1214** items where the item contains **Netherlands** and **School** libraries omitted . Showing page **9** of **61**.

<< prev 1... 6 7 8 9 10 11 12 ...61 next >> search:

- Breda, Netherlands. [Bibliotheek Prinsenbeek](#) (Prinsenbeek, North Brabant Netherlands) [Vubis Smart]
- Breda, Netherlands. [Bibliotheek Teteringen](#) (Teteringen, North Brabant Netherlands) [Vubis Smart]
- Breda, Netherlands. [Bibliotheek Ulvenhout](#) (Ulvenhout, North Brabant Netherlands) [Vubis Smart]
- Breda, Netherlands. [Bibliotheek West](#) (Breda, North Brabant Netherlands) [Vubis Smart]
- Breda, Netherlands. [Bibliotheek Zuidoost](#) (Breda, North Brabant Netherlands) [Vubis Smart]
- Brummen-Voorst, Netherlands. [Bibliotheek Brummen-Voorst](#) (Twello, Gelderland Netherlands) **C** [V-smart]**
- Brummen-Voorst, Netherlands. [Bibliotheek Brummen](#) (Brummen, Gelderland Netherlands) **C** [V-smart]
- Brummen-Voorst, Netherlands. [Bibliotheek Eerbeek](#) (Eerbeek, Gelderland Netherlands) **C** [V-smart]
- Brummen-Voorst, Netherlands. [Bibliotheek Terwolde / Afhaalpunt Dorpshuis](#) (Terwolde, Gelderland Netherlands) **C** [V-smart]
- Brummen-Voorst, Netherlands. [Bibliotheek Twello](#) (Twello, Gelderland Netherlands) **C** [V-smart]
- Brummen-Voorst, Netherlands. [Bibliotheek Voorst / Afhaalpunt Dorpshuis](#) (Voorst Gem Voorst, Gelderland Netherlands) **C** [V-smart]
- Brunssum, Netherlands. [Bibliotheek Brunssum](#) (Brunssum, Limburg Netherlands) **C** [bicatWise]**
- Bussum, Netherlands. [Bibliotheek Naarden-Bussum](#) (Bussum, South Holland Netherlands) **C** [bicatWise]**
- Bussum, Netherlands. [Bibliotheek Naarden](#) (Naarden, South Holland Netherlands) **C** [bicatWise]
- Bussum, Netherlands. [Jeugdbibliotheek Breeduit](#) (Bussum, South Holland Netherlands) **C** [bicatWise]
- Ceramique, Netherlands. [Centre Ceramique](#) (Maastricht, Limburg Netherlands) **C** [bicatWise]**
- Ceramique, Netherlands. [Bibliotheekservicepunt Heer](#) (Maastricht, Limburg Netherlands) **C** [bicatWise]
- Ceramique, Netherlands. [Bibliotheekservicepunt Malpertuis](#) (Maastricht, Limburg Netherlands) **C** [bicatWise]
- Ceramique, Netherlands. [Bibliotheekservicepunt Malpertuis](#) (Maastricht, Limburg Netherlands) **C** [bicatWise]
- Ceramique, Netherlands. [Bibliotheekservicepunt Malpertuis](#) (Maastricht, Limburg Netherlands) **C** [bicatWise]

C indicates that the library participates in a consortium for its automation system.

<< prev 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61

Media & Advertising > Books & Publishing > Public libraries in the Netherlands 2007-2017, by type

PREMIUM +

Number of public libraries in the Netherlands from 2007 to 2017, by type

DOWNLOAD SETTINGS SHARE

PNG + PDF + XLS + PPT +

DESCRIPTION SOURCE MORE INFORMATION

by *Brigitte van de Pas*,
last edited Jan 3, 2019

The statistic displays the number of public libraries and service points in the Netherlands from 2007 to 2017, by type. Overall, the number of public libraries and library headquarters in the Netherlands decreased by approximately 280 libraries between 2007 and 2017. However, from 2012 onwards, service points made up around one fifth of library services available. In 2017, there were just below 780 libraries and library headquarters in the Netherlands and 175 library service points.

Exclusive Premium statistic

You need a **Premium Account** for unlimited access.

- ✔ Full access to 1m statistics
- ✔ Incl. source references
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*Duration: 12 months, billed annually, single license

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[Show source](#)

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OTHER STATISTICS ON THE TOPIC

BOOKS & PUBLISHING

BOOKS & PUBLISHING

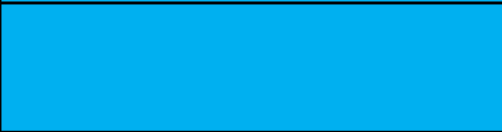
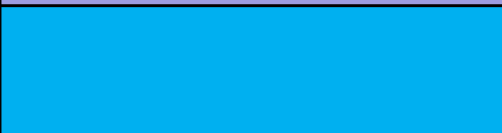
PL data wishlist



PL data wishlist

Up to date-ish

Both library branches and
organisations



PL data wishlist

Up to date-ish

Both library branches and
organisations

Structured data

Open file formats
(csv,json,rdf,etc)

Linked to other sources

Manifest open license
(CC0)

PL data wishlist

Up to date-ish

Both library branches and
organisations

Structured data

Open file formats
(csv,json,rdf,etc)

Linked to other sources

Manifest open license
(CC0)

Public API

Free API

Anonymous API



PL data wishlist

Up to date-ish

Both library branches and
organisations

Structured data

Open file formats
(csv,json,rdf,etc)

Linked to other sources

Manifest open license
(CC0)

Public API

Free API

Anonymous API

SPARQL interface

PL data wishlist	GidsVoorNed erland.nl	bibliotheekinzi cht.nl	debibliotheke n.nl	openbare- bibliotheek.nl	Google Maps	librarytechnol ogy.org	Statistica.com	
Up to date-ish								
Both library branches and organisations								
Structured data								
Open file formats (csv,json,rdf,etc)								
Linked to other sources								
Manifest open license (CC0)								
Public API								
Free API								
Anonymous API								
SPARQL interface								

PL data wishlist	GidsVoorNed erland.nl	bibliotheekinzi cht.nl	debibliotheke n.nl	openbare- bibliotheek.nl	Google Maps	librarytechnol ogy.org	Statistica.com	
Up to date-ish								
Both library branches and organisations								
Structured data								
Open file formats (csv,json,rdf,etc)								
Linked to other sources								
Manifest open license (CC0)								
Public API								
Free API								
Anonymous API								
SPARQL interface								

PL data wishlist

GidsVoorNed
erland.nl

bibliotheekinzi
cht.nl

debibliotheke
n.nl

openbare-
bibliotheek.nl

Google Maps

librarytechnol
ogy.org

Statistica.com



In summary:

Dutch public library info
was not yet available as
free, public, Linked Open Data!

?



So I started this project.....

The screenshot shows the Wikidata project page for 'WikiProject Netherlands Public Libraries'. The page is in Dutch and features a navigation bar at the top with options like 'Nederlands', 'OlafJanssen', and 'Overleg'. The main content area includes a project description, a list of tasks, and a rationale. A yellow box at the bottom highlights the project's URL: https://www.wikidata.org/wiki/Wikidata:WikiProject_Netherlands_Public_Libraries.

Projectpagina Overleg Lezen Bewerken Geschiedenis Meer

Wikidata:WikiProject Netherlands Public Libraries

Project about creating items for the pm 1500 public libraries in The Netherlands - **everything on this page + subpages is very much in work in progress, but feedback is welcome**

Inhoud [weergeven]

Project description

Eind 2018 is een project opgestart om Nederlandse openbare bibliotheken (zowel organisaties als vestigingen) op Wikidata (en Wikipedia) te beschrijven. Dit project brengt informatie over de pm 1500 openbare bibliotheken (geo-coördinaten, adressen etc.) uit niet-open en niet-machine-leesbare diensten als Gidsvoornederland.nl, Bibliotheekinzicht.nl en OCW naar een 5-sterren Linked-Open-Data-omgeving, en sluit deze dataset dus aan op het semantisch web, met alle voordelen en meerwaarden van dien. Het maakt nieuwe diensten, vragen en inzichten mogelijk. Zo'n open database bestaat (gek genoeg) nog niet voor NLs OBs, dit project is dus een innovatieve primeur!

De uitkomsten van dit project kunnen (op termijn)

- delen van bv. GIDS aanvullen
- bijdragen aan KB-diensten als <https://www.bibliotheekinzicht.nl/> en aan
- externe diensten zoals OpenStreetMap en Google Knowledge Graph (betere vindbaarheid OBs)
- uitgroeien tot een Nederlandse Isil-resolver (voor tenminste het OB-veld)
- aanvullende inzichten in het openbarebibliotheeklandschap geven t.b.v. OBs, ministeries, provincies, gemeenten, beleidsmakers, datawetenschappers, bibliotheekonderzoekers, journalisten etc. (en de KB uiteraard)

Rationale

To add

Other projects/sites with public library information

- <https://www.gidsvoornederland.nl/werken-met-gids/meerwaarde-voor-bibliotheken/bibliotheken-in-nederland>
- <https://librarytechnology.org/libraries> (search for "Netherlands") [Map of all Dutch libraries](#)
- <http://www.openbare-bibliotheek.nl/>

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

- open data overheid / OCW
- VOB wfebsite

...adding Dutch public libraries to Wikidata

Bibliotheek Gendt (Q61718952)

Openbare bibliotheekvestiging in Gendt, gemeente Overbetuwe

► Recoin: Meest relevante eigenschappen die missen

▼ In meer talen

Taal	Label	Beschrijving
Nederlands	Bibliotheek Gendt	Openbare bibliotheekvestiging in Gendt, gemeente Overbetuwe
Duits	Geen label ingesteld	öffentliche Bibliothek in den Niederlanden
Engels	Gendt public library	Public library in the town of Gendt, municipal of Overbetuwe, The Netherlands
Spaans	Geen label ingesteld	Geen beschrijving ingesteld
Frans	Geen label ingesteld	Geen beschrijving ingesteld
Italiaans	Geen label ingesteld	Geen beschrijving ingesteld

Verklaringen

is een openbare bibliotheek

▼ 0 bronnen

bibliotheekvestiging

▼ 0 bronnen

onderdeel van Bibliotheek Gelderland Zuid

► 1 bron

afbeelding



gelegen in bestuurlijke eenheid

Lingewaard

▼ 0 bronnen

bewerken

+ bron toevoegen

+ waarde toevoegen

locatie

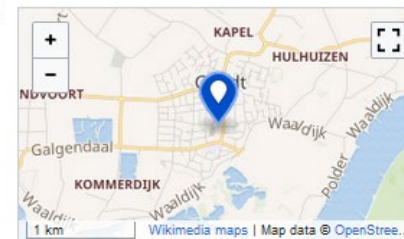
Gendt

► 1 bron

bewerken

+ waarde toevoegen

geografische locatie



51°52'35.47"N, 5°58'14.02"E

► 1 bron

bewerken

+ waarde toevoegen

adres

Bibliotheek Gendt, Schoolstraat 2, 6691XS Gendt, Nederland (Nederlands)

► 1 bron

bewerken

+ waarde toevoegen

straat

Schoolstraat

huisnummer 2
postcode 6691XS

► 1 bron

bewerken

+ waarde toevoegen

Tables and lists...

Public library branches in The Netherlands, grouped by organisation (work in progress) [\[bewerken \]](#)




is een (P31) -> openbare bibliotheek (Q28564) & is een (P31) -> bibliotheekvestiging (Q11396180) & land (P17) -> Nederland (Q55)

Deze lijst wordt periodiek bijgewerkt door een bot. Handmatige wijzigingen aan de lijst worden bij de volgende bijwerking verwijderd!

[Lijst handmatig bijwerken](#)

[WDQS](#) | [PetScan](#) | [YASGUI](#) | [TABernacle](#) | [Afbeeldingen zoeken](#) | [Recente wijzigingen](#)

Bibliotheek Breda [\[bewerken \]](#)

Bibliotheek	Oorspronkelijke naam	Beschrijving	Onderdeel van	Foto	Volledig adres	Straat	Nummer	Postcode	Plaats-Dorp-Buurt-Wijk	Gemeente	Provincie	Open Street Map URL	Hoogte	Telefoon
Bibliotheek Breda Centrum	Nieuwe Veste bibliotheek Centrum	Hoofdvestiging en administratief hoofdkantoor van de Openbare Bibliotheek Breda in gebouw De Nieuwe Veste in het centrum van Breda	Bibliotheek Breda		Nieuwe Veste bibliotheek Breda Centrum, Molenstraat 6, 4811GS Breda, Nederland	Molenstraat	6	4811GS	Binnenstad	Breda	Noord-Brabant	https://www.openstreetmap.org/node/2733072606	8.000075	+31-76-200-3200
Bibliotheek Breda Noord	Nieuwe Veste bibliotheek Noord	Openbare bibliotheekvestiging in Breda-Noord, Nederland	Bibliotheek Breda		Nieuwe Veste bibliotheek Breda Noord, Heksenakker 37, 4823JZ Breda, Nederland	Heksenakker	37	4823JZ	Breda	Breda	Noord-Brabant	https://www.openstreetmap.org/node/2733072606	1.671758	+31-76-200-3200
Bibliotheek Breda Zuid	Nieuwe Veste bibliotheek Zuid	Openbare bibliotheekvestiging in Breda-Zuid, Nederland	Bibliotheek Breda		Nieuwe Veste bibliotheek Breda Zuid, Allerheiligenweg 19, 4834TM Breda, Nederland	Allerheiligenweg	19	4834TM	Breda	Breda	Noord-Brabant	https://www.openstreetmap.org/node/2735590090	6.595199	+31-76-200-3200
Bibliotheek haal- en brengpunt Bavel - Dorpshuis 't Klooster	Haal- en brengpunt Bavel - Dorpshuis 't Klooster	Openbare bibliotheekvestiging	Bibliotheek		Haal- en brengpunt Bavel - Dorpshuis 't Klooster, Jack van	Jack van					Noord-Brabant	https://www.openstreetmap.org/node/2735590090	8.074017	+31-161-433-918

Branches grouped by organisation

https://www.wikidata.org/wiki/Wikidata:WikiProject_Netherlands_Public_Libraries/Branches/By_Organisation

.. and aggregated views

Public library branches in The Netherlands, grouped by organisation (work in progress) [bewerken]

is een (P31) -> openbare bibliotheek (Q28584) & is een (P31) -> bibliotheekvestiging (Q11396180) & land (P17) -> Nederland (Q55)

municipality	municipalityLabel	munilsALabel	AantalOBVestigingen	OBVestigingen
Q:101918	Apeldoorn	municipality of the Netherlands	31	CODA Apeldoorn Central public library --- Apeldoorn De Maten public library --- Apeldoorn Zuid public library --- Apeldoorn De Bouwhof public youth library --- Apeldoorn De Regenboog public youth and neighbourhood library --- Apeldoorn Prinses Margrietschool public youth and neighbourhood library --- Apeldoorn Ugchelens Belang public neighbourhood library --- Apeldoorn public library bus service --- Apeldoorn public library bus stop Beekbergen - Openbare school, Dorpstraat --- Apeldoorn public library bus stop Beekbergen - Papenberg 't Hoge Pad --- Apeldoorn public library bus stop Beemte - School Beemte, Beemterweg --- Apeldoorn public library bus stop Brummelhof - School De Fakkell --- Apeldoorn public library bus stop Hoenderloo - Dorpshuis, Paalbergweg --- Apeldoorn public library bus stop Kerschoten - Winkelcentrum Mercatorplein --- Apeldoorn public library bus stop Klarenbeek - School De Dalk, Klarenbeekseweg --- Apeldoorn public library bus stop Lieren - Prinses Julianaschool, Tullekensmolenweg --- Apeldoorn public library bus stop Loenen - De Bruisbeek, Loenerdrift --- Apeldoorn public library bus stop Loenen - School De Poort, Hoofdweg --- Apeldoorn public library bus stop Loenen - School De Tweede Stee, Reuweg --- Apeldoorn public library bus stop Oosterhuizen - School Oosterhuizen, Het Oude Veen --- Apeldoorn public library bus stop Orden - Wijkcentrum Orca, Germanenlaan --- Apeldoorn public library bus stop Osseveld-West - School De Bundel, Anna Bijnsring --- Apeldoorn public library bus stop Uddel - Dorpshuis 't Blanke Schot --- Apeldoorn public library bus stop Vogelkwartier - Meester Lugtmeijerschool, 1e Wormenseweg --- Apeldoorn public library bus stop Welgelegen-Zuid, Fortunalaan --- Apeldoorn public library bus stop Wenum - Beatrixschool, Papegaaieweg --- Apeldoorn public library bus stop Westenenk - Rietendakschool, Zilverweg --- Apeldoorn public library bus stop Winkewijert - Willem van Oranjeschool --- Apeldoorn public library bus stop Zuidbroek - Het Kristal, Distelvinderlaan
Q:9899	Amsterdam	municipality of the Netherlands	23	Amsterdam Public Library, OBA Oosterdok (Centrale) --- Amsterdam Public Library, OBA Buitenveldert --- Amsterdam Public Library, OBA Geuzenveld --- Amsterdam Public Library, OBA Osdorp --- Amsterdam Public Library, OBA Mercatorplein --- Amsterdam Public Library, OBA Spaarndammerbuurt --- Amsterdam Public Library, OBA Javaplein --- Amsterdam Public Library, OBA Roelof Hartplein --- Amsterdam Public Library, OBA CC Amstel
Q:2680952	Rotterdam	municipality of the Netherlands	19	Central public library --- Het Lage Land Public Library --- Hoek van Hartdijken Public Library --- Nesselande Public Library --- Ommoord Public Library --- Overschie Public Library --- Rozenburg Public Library --- Schiebroek Public Library --- Slinge Public Library --- Rotterdam Station Public Library --- Hillegersberg Library Service Point --- Rotterdam Public Library Bus Service
Q:1310	Arnhem	municipality of the Netherlands	19	Arnhem Rozet public library --- Arnhem Kronenburg public library --- Arnhem Presikhaaf public library --- Rozet Gelderland public heritage library --- SWOA-De Gaanderij public library point --- SWOA-MFC de Wetering public library point --- Arnhem public library external stacks --- Arnhem public library plus collection --- Arnhem public youth library bus service --- Arnhem public youth library bus stop Alteveer --- Arnhem public youth library bus stop Heijenoord - Gentiaanstraat --- Arnhem public youth library bus stop De Laar West - Brabantweg --- Arnhem public youth library bus stop Immerloo - Brandenburgseplein --- Arnhem public youth library bus stop Malburgen-Oost - Malburcht --- Arnhem public youth library bus stop Malburgen-West - De Spil --- Arnhem public youth library bus stop Rijkerswoerd - Mr. J.M. Kempenaersingel --- Arnhem public youth library bus stop Rijkerswoerd - Emily Brontësingel --- Arnhem public youth library bus stop Schuytgraaf - Albert Heijn --- Arnhem public youth library bus stop Schuytgraaf - Salamander
Q:36600	The Hague	municipality of the Netherlands	18	The Hague Central Library --- Benoordenhout public library --- Bomenbuurt public library --- Bouwlust-Vrederust public library --- Escamp public library --- Haagse Hout public library --- Laakkwartier public library --- Leidschenveen public library --- Loosduinen public library --- Moerwijk public library --- Nieuw Waldeck public library --- Scheveningen public library --- Schilderswijk public library --- Segbroek public library --- Spoorwijk public library --- Transvaalkwartier public library --- Wateringse Veld public library --- Ypenburg public library
Q:803	Utrecht	municipality of the Netherlands	14	Utrecht Public Library Administration Office --- Utrecht city center public library --- Oog in Al public library --- Overvecht public library --- Parkwijk public library --- Tuinwijk public library --- Vleuten-dorp public library --- Vleuterweide public library and drop point --- Zuilen public library --- De Meern public library --- Hoograven public library --- Waterwin public youth library --- Kanaleneiland public library --- Lunetten public library
Q:3916626	Hardenberg	municipality of the Netherlands	12	Hardenberg Public Library Administration Office --- Balkbrug public library --- Bergentheim public library --- Dedemsvaart public library --- Gramsbergen public library --- Slagharen public library --- Kloosterhaar public library service point --- Lutton public library service point --- Sibculo public library service point --- Hardenberga public library --- De Krim public library service point --- Mariënberga public library service point

Number of branches in Amsterdam

Photo galleries...



[commons:De Bibliotheek, Stads kanaal \(2016\) 02.jpg](#)
Public library in Stads kanaal, province of Groningen, The Netherlands
[Q: Stads kanaal public library](#)



[commons:Winsum - Regnerus Praedijusstraat 2.jpg](#)
Public library in Winsum, province of Groningen, The Netherlands
[Q: Winsum public library](#)



[commons:Bibliotheek - Haren \(6169670294\).jpg](#)
Public library in Haren, municipality of Groningen, The Netherlands
[Q: Haren public library](#)



[commons:CODA Apeldoorn 2015 1.jpg](#)
Main visitor location and administration offices of CODA Public Library, the public li...
[Q: CODA Apeldoorn Central public library](#)



[commons:20150312 Maastricht: Centre Céramique.jpg](#)
Main visitor location and administration offices of Centre Céramique, the ...
[Q: Maastricht City Center public library](#)



[commons:Breda Bibliotheek.jpg](#)
Main visitor location and administration offices of the Breda Public Library I...
[Q: Breda City Center public library](#)



[commons:Bibliotheek Heksenwiel DSCF7027.jpg](#)
Public library in Breda-North, The Netherlands
[Q: Breda North public library](#)



[commons:Bibliotheek Breda Zuid P1330763.jpg](#)
Public library in Breda-South, The Netherlands
[Q: Breda South public library](#)



[commons:Bibliotheek Slotervaart.jpg](#)
Public library in the Slotervaart neighbourhood of Amsterdam, The Netherla...
[Q: Amsterdam Public Library, OBA Slotervaart](#)



[commons:Mercatorplein west.JPG](#)
Public library at the Mercatorplein in the Baarsjes neighbourhood of Amsterdam, ...
[Q: Amsterdam Public Library, OBA Mercatorplein](#)



[commons:OBA Javaplein.jpg](#)
Public library in the Indische Buurt neighbourhood of Amsterdam, The Netherlands
[Q: Amsterdam Public Library, OBA Javaplein](#)



Main visitor location and administration offices of The Hague Public Library, The...
[commons:The Hague City Hall \(June, 2017\).jpg](#)
[Q: The Hague Central Library](#)



Public library in the Bomenbuurt neighbourhood of The Hague, The Netherlands
[commons:Bibliotheek Bomenbuurt, Fanremelstraat Den Haag, Juni 2019 - 2J...](#)
[Q: Bomenbuurt public library](#)



Public library in the Segroek neighbourhood of The Hague, The Netherlands
[commons:Segroek public library, Weimarstraat, Den Haag, November 2018 - 2.jpg](#)
[Q: Segroek public library](#)

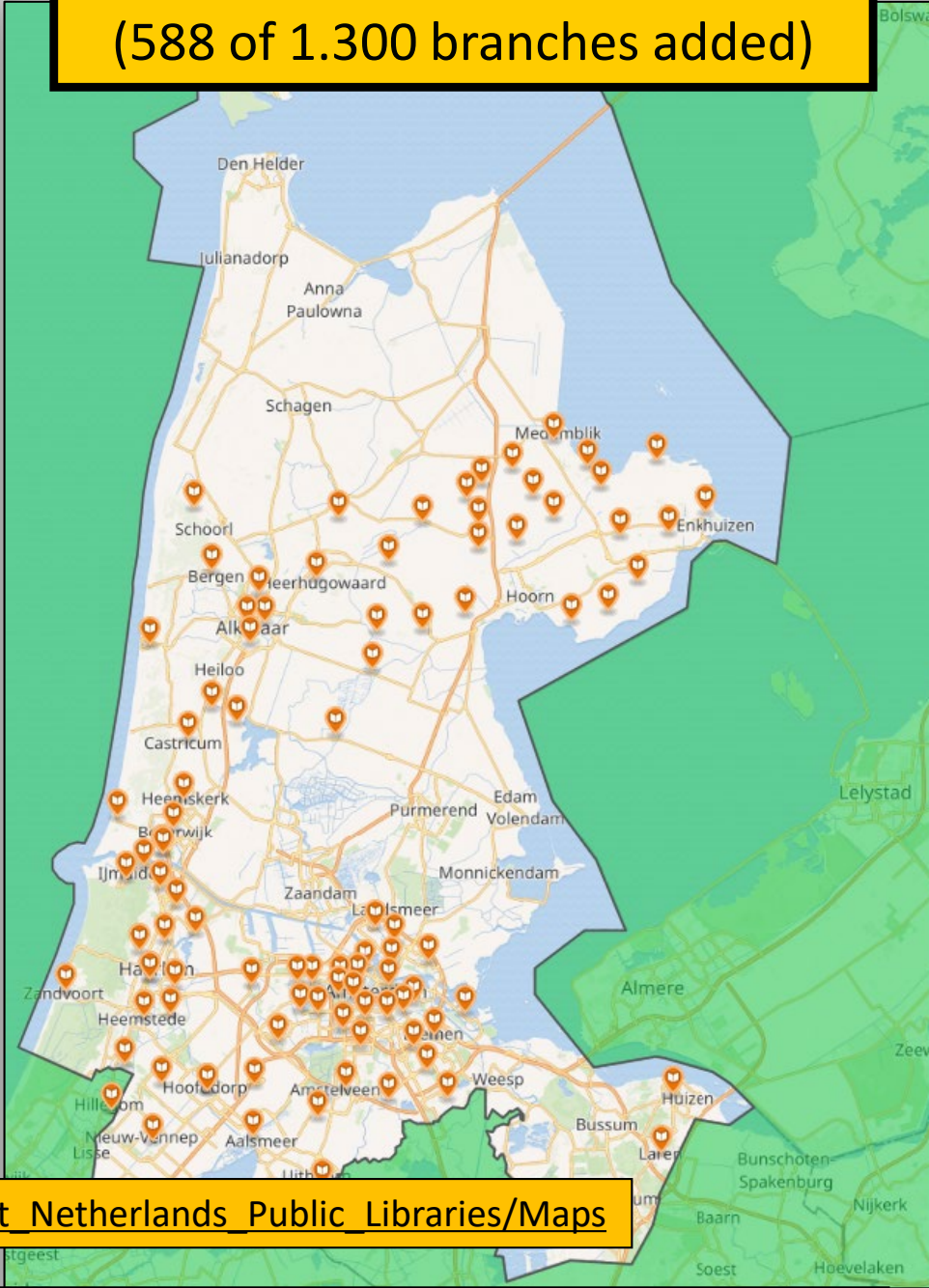
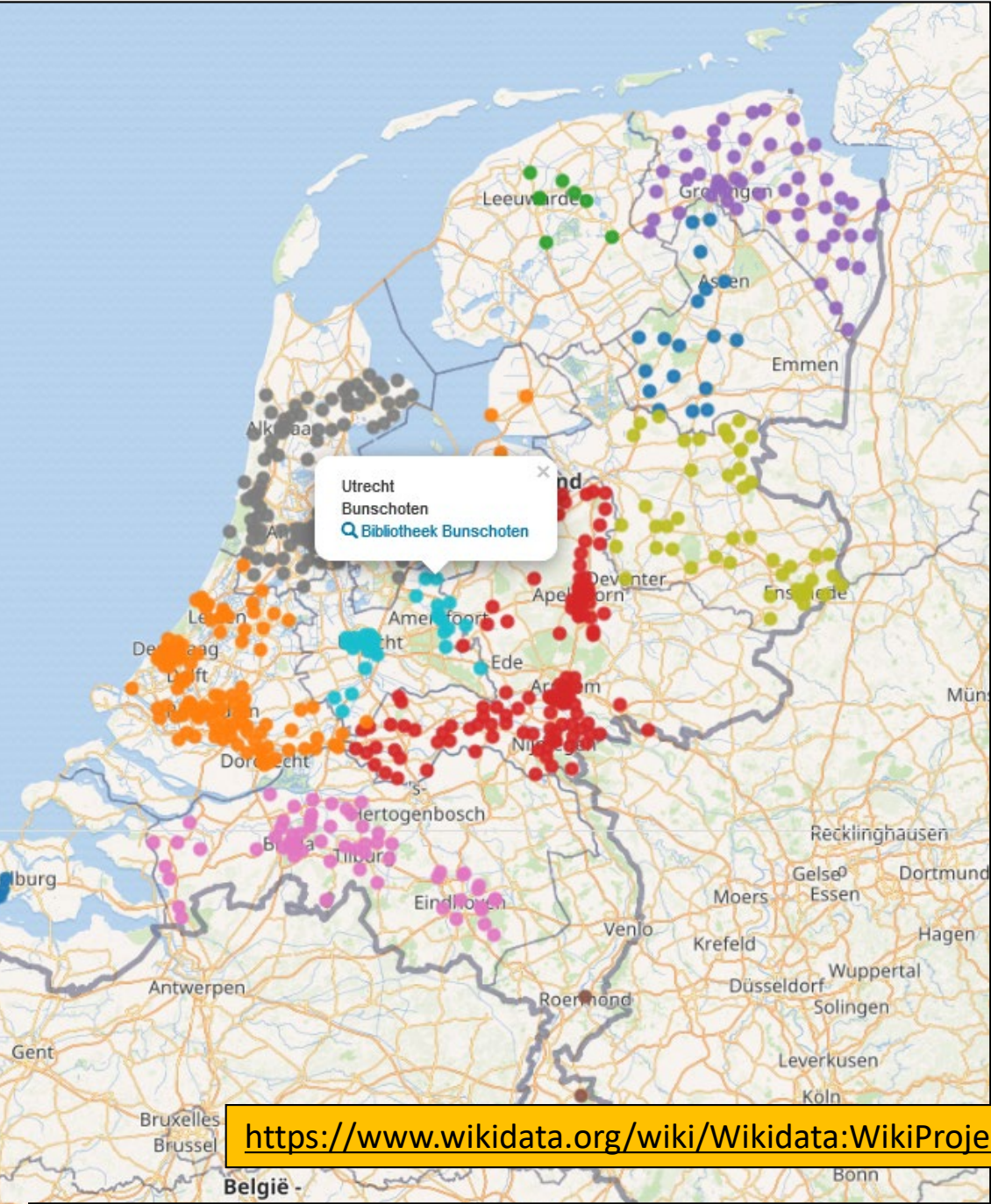


Main visitor location and administration offic...
[commons:Dordrecht De Gulden Oe 1.JPG](#)
[Q: Dordrecht City Library](#)



On-Wiki maps

(588 of 1.300 branches added)

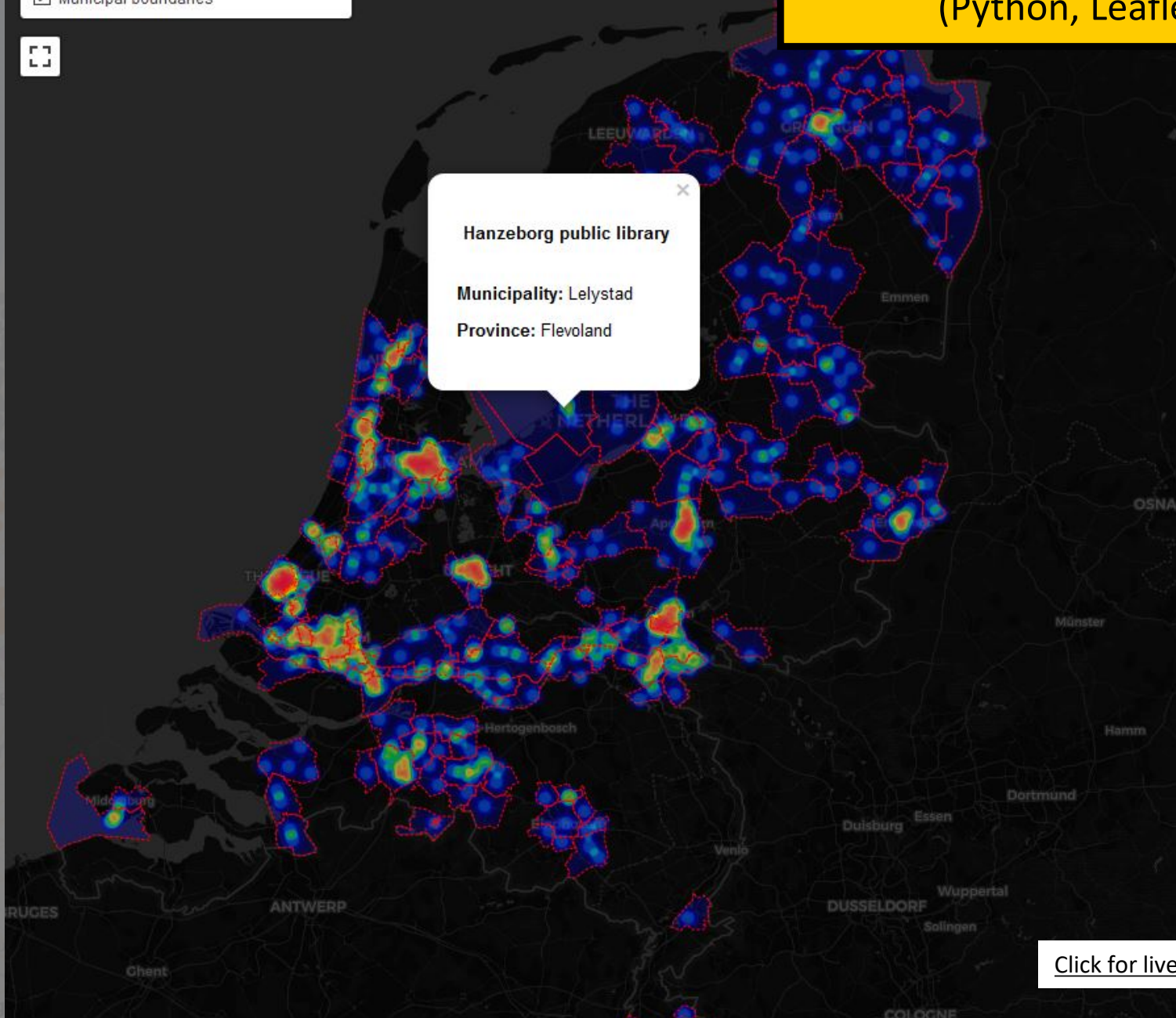


https://www.wikidata.org/wiki/Wikidata:WikiProject_Netherlands_Public_Libraries/Maps

Off-Wiki maps

(Python, Leaflet)

- Base map of The Netherlands
- CartoDB.DarkMatter
- Heatmap Dutch public libraries
- Heatmap public libraries (with popups)
- Municipal boundaries



[Click for live interactive map](#)

<https://github.com/ookgezellig/WikidataMapMakingWorkshop/blob/master/images/3-3-netherlands-public-libraries-heatmap.jpg>

PL data wishlist

GidsVoorNed
erland.nl

bibliotheekinzi
cht.nl

debibliotheke
n.nl

bibliotheek.nl
openbare-

Google Maps

librarytechnol
ogy.org

Statistica.com



Up to date-ish



Both library branches and organisations



Structured data



Open file formats



Linked to other sources



Manifest open license (CC0)



Public API



Free API




Anonymous API



SPARQL interface



PL data wishlist	GidsVoorNed erland.nl	bibliotheekinzi cht.nl	debibliotheke n.nl	bibliotheek.nl openbare-	Google Maps	librarytechnol ogy.org	Statistica.com	
Up to date-ish	✓	✓	✓	✗	✓	✓	✗	✓
Both library branches and organisations	✓	✗	✗	✗	✗	✓	?	✓
Structured data	✗	✓	✗	✗	✓	✗	✓	✓
Open file formats	✗	✓	✗	✗	?	✗	✓	✓
Linked to other sources	✗	✗	✗	✗	?	✗	✗	✓
Manifest open license (CC0)	✗	✗	✗	✗	✗	✗	?	✓
Public API	✗	✗	✗	✗	✓	✗	✗	✓
Free API	?	✗	✗	✗	✗	✗	✗	✓
Anonymous API	✗	✗	✗	✗	✗	✗	✗	✓
SPARQL interface	✗	✗	✗	✗	✗	✗	✗	✓

PL data wishlist

Up to date-ish

Both library branches and
organisations

Structured data

Open file formats

Linked to other sources

Manifest open license
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Public API

Free API

Anonymous API

SPARQL interface



WIKIDATA

**KEEP
CALM**

AND

**SHOW THEM
WHO'S BOSS**



PL data
wishlist



In summary:

Wikidata made
Dutch public library info
available as **free, public, Linked Open Data**
for the first time!

WHO'S BOSS

Up to date-ish

Both
organ

Struct

Open

Linke

Manif
(CC0)

Public

Free

Anonymous API

SPARQL interface

Who can benefit from this?

Who can benefit from this?



Better PL articles and lists

KB } nationale
bibliotheek

Better national
PL inventories & statistics



Wider library
world



Government:
ministries, provinces, municipalities



OpenStreetMap

Better library
coverage



Data researchers,
scientists, journalists,
hackathons



Search, Maps,
Knowlegde Graph



Alexa, AI

Add public libraries from *your* country to Wikidata!



Thank you!



Olaf Janssen

olaf.janssen@kb.nl

[@ookgezellig](#)

User:OlafJanssen

slideshare.net/OlafJanssenNL

KB } nationale
bibliotheek





Universiteit
Leiden



How can a small research library benefit from Wikidata: enhancing library products using Wikidata

WikidataCon 2019 Berlin

25th/26th October 2019

Ursula Oberst & Heleen Smits

Photo: African Studies Centre, Hansmuller, Wikimedia Commons. CC BY-SA 4.0



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Wedding cake at the party of Chico Mendes (Francisco Mendes or 'Chico Té'). Later President of Guinea-Bissau Luís Cabral behind the wedding cake. (Photo Roel Coutinho, CC BY-SA 4.0 Wikimedia Commons).

- [Wikipedians in Special Residence \(2013-2015\)](#)
- [Adding Africa photo collections to Wikimedia Commons \(2016- \)](#)
- Contributing to and experimenting with Wikidata (May 2018 -)



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Wikidata at the ASCL



Mix'n'match English Welcome, Walkuraxx Search Search

ASC Leiden Thesaurus

identifier for a topic, in the African Studies Centre (ASC) Leiden's Thesaurus

1 2 3 4 5 6 7 8 9 10 11 12

# basic education	Automatically matched
Q16977903 [Q16977903] Automatic description not available;	Confirm Remove
# common markets	Automatically matched
Q1327750 [Q1327750] Automatic description not available;	Confirm Remove
# Greeks	Automatically matched
Q539051 [Q539051] Automatic description not available;	Confirm Remove
# groundnuts	Automatically matched
Q37383 [Q37383] Automatic description not available;	Confirm Remove
# groundwater	Automatically matched
Q37077349 [Q37077349] Automatic description not available;	Confirm Remove
# Guadeloupe	Automatically matched
Q17012 [Q17012] Automatic description not available;	Confirm Remove
# Gulf War	Automatically matched
Q37643 [Q37643] Automatic description not available;	Confirm Remove
# Gusii	Automatically matched
Q33603 [Q33603] Automatic description not available;	Confirm Remove
# Gwa language	Automatically matched
Q5623219 [Q5623219] Automatic description not available;	Confirm Remove

Integration ASCL thesaurus into Wikidata

Identifiers

ASC Leiden Thesaurus ID

Aba riots
294896139
0 references

edit

+ add reference

+ add value

Screenshot Mix 'n' Match

<https://tools.wmflabs.org/mix-n-match/#/catalog/1315>

Screenshot WikiData record met ASCL identifier
<https://www.wikidata.org/wiki/Q4663118>



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Wikidata at the ASCL



Recently published journal articles

The ASCL list of recently published journal articles is published weekly. It provides an overview of journal articles on Africa in the field of the social sciences and the humanities published by Taylor & Francis, Wiley, Cambridge University Press and Oxford University Press.

Retrieved week 39 2018

Archive

Angola

BALL, J. 2018. Staging of Memory: Monuments, Commemoration, and the Demarcation of Portuguese Space in Colonial Angola. *Journal of Southern African Studies*, 44 (1):77-96.

Keywords: Angola ; colonialism ; film ; international expositions ; monuments ; politics of memory

<https://doi.org/10.1080/03057070.2018.1403265>

Angola

SARRÓ, R. 2018. Religious Pluralism and the Limits of Ecumenism in Mbanza Kongo, Angola. *Journal of Southern African Studies*, 44 (2):239-251.

Keywords: charismatic prophets ; Ecumenical Platform ; problematic belonging ; religious pluralism ; revitalisation movements

<https://doi.org/10.1080/03057070.2018.1416777>

Screenshot ASCL website of journal articles alert

<https://www.ascleiden.nl/content/recently-published-journal-articles>

Contributing Africa-related articles to WikiCite

Staging of Memory: Monuments, Commemoration, and the Demarcation of Portuguese Space in Colonial Angola (Q5702448)

journal article from 'Journal of Southern African Studies' published in 2018 ✎ edit

↳ in more languages

Language	Label	Description	Also known as
English	Staging of Memory: Monuments, Commemoration, and the Demarcation of Portuguese Space in Colonial Angola	journal article from 'Journal of Southern African Studies' published in 2018	
Dutch	Staging of Memory: Monuments, Commemoration, and the Demarcation of Portuguese Space in Colonial Angola	wetenschappelijk artikel	
German	No label defined	No description defined	
French	No label defined	No description defined	

↳ all entered languages

Statements

instance of scholarly article ✎ edit

↳ 0 references + add reference + add value

title ✎ edit

Staging of Memory: Monuments, Commemoration, and the Demarcation of Portuguese Space in Colonial Angola (unknown language)

↳ 0 references + add reference + add value

Wikipedia (0 entries) ✎ edit

Wikibooks (0 entries) ✎ edit

Wikinews (0 entries) ✎ edit

Wikiquote (0 entries) ✎ edit

Wikisource (0 entries) ✎ edit

Wikiversity (0 entries) ✎ edit

Wikivoyage (0 entries) ✎ edit

Wiktionary (0 entries) ✎ edit

Other sites (0 entries) ✎ edit

Screenshot of journal article in Wikidata

<https://www.wikidata.org/wiki/Q56841250>



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Wikidata at the ASCL



New web dossier: Public art in Africa



To mark Wikimania 2019 the ASCL Library has compiled a web dossier on Public art in Africa. Wikimania is the annual conference celebrating all the free knowledge projects hosted by the Wikimedia Foundation. The dossier includes titles from the ASCL Library collection and the broader Leiden University Library collection, combined with an interactive Wikidata Map. This map shows the location of a work of public art in Africa, providing - when available - a photo and the (Wikipedia) article. [Enjoy the web dossier!](#)

Previous web dossiers

2019

[Southern African women writers](#) (March)

[Performing arts in West Africa](#) (March)

Enhancing library web dossiers with Wikidata elements

Picture gallery: examples of African public art



<<https://en.wikipe...>
Point(-23.6051 14...
[commons:CV-c...](#)
[Q Pelourinho \(Ci...](#)



<<https://en.wikipedia...>
Point(9.748 4.0329)
[commons:Koko K...](#)
[Q Njé Mo Yé](#)



<https://en.wikipedia.org/wiki/Borne_Fo...
Point(9.7071 4.0546)
[commons:Borne Fontaine Bessen...](#)
[Q Borne Fontaine](#)

Screenshot of ASCL website - web dossiers
<https://www.ascleiden.nl/content/web-dossiers>

Screenshot of ASCL website - web dossier public art in Africa
<https://www.ascleiden.nl/content/webdossiers/public-art-africa>



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Wikidata at the ASCL

Embedding Wikidata query result – map, picture gallery - to library web dossier



First web dossier inspired by Alex Stinson's article :
 'Writing a Wikidata Query: Discovering Women Writers from North Africa'

<https://medium.com/freely-sharing-the-sum-of-all-knowledge/writing-a-wikidata-query-discovering-women-writers-from-north-africa-d020634f0f6c>

```

Wikidata Query Service
Examples Help More tools

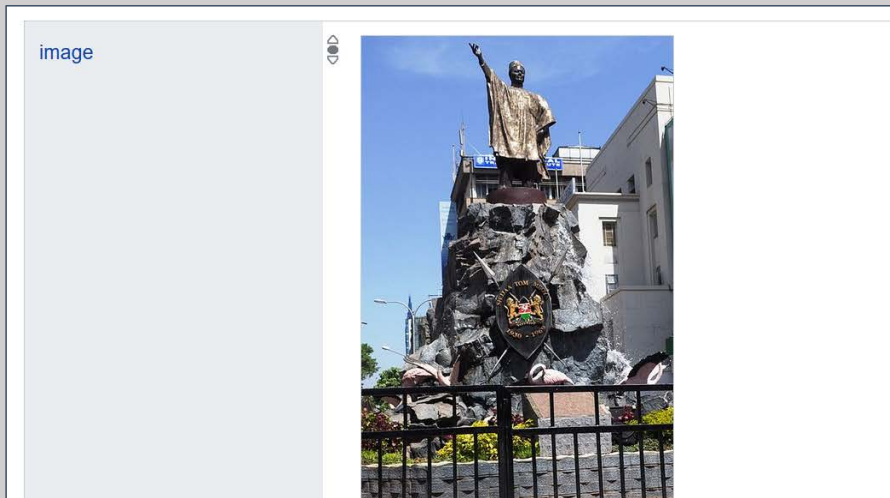
1 #South African women writers with link to ASCL catalogue
2 #defaultView:Map
3 SELECT DISTINCT ?item ?itemLabel ?image ?placeofbirth ?placeofbirthLabel ?coord ?dob ?sitelink
4   ?item wdt:P27 ?nationality.
5 wd:Q27394 wdt:P527 ?nationality.
6 ?item wdt:P21 wd:Q6581072.
7 ?item wdt:P31 wd:Q5.
8 ?item (wdt:P106/wdt:P279*) wd:Q36180.
9 ?sitelink schema:about ?item;
10 schema:isPartOf <https://en.wikipedia.org/> .
11 OPTIONAL {
12   ?item wdt:P19 ?placeofbirth.
13   ?placeofbirth wdt:P625 ?coord.
14   ?item wdt:P1006 ?National_Thesaurus_for_Author_Names_ID.
15   BIND(IRI(CONCAT("http://catalogue.leidenuniv.nl/primolibweb/action/dlSearch.do?vid=URL_V1&institution=URL&tab=leiden&search_scope=ID_asc&query=any:contains:314280434-Petrus%20G-13%20")) AS ?url)
16 }
17 OPTIONAL { ?item wdt:P18 ?image. }
  
```

Screenshot Wikidata query service: Southern African women writers

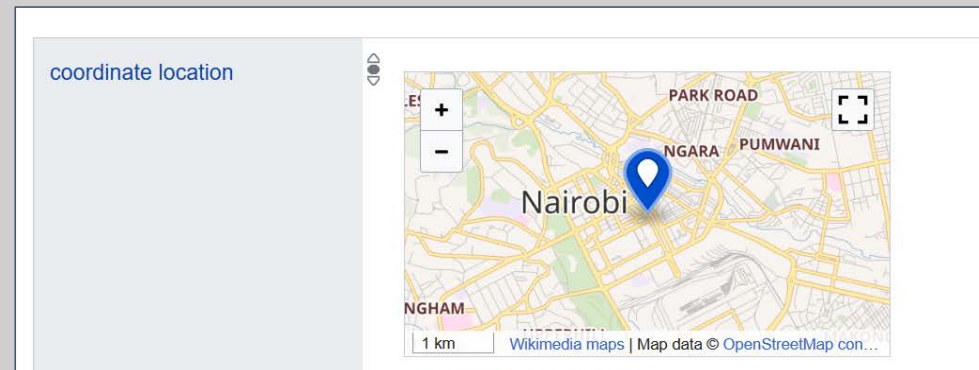


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Wikidata at the ASCL

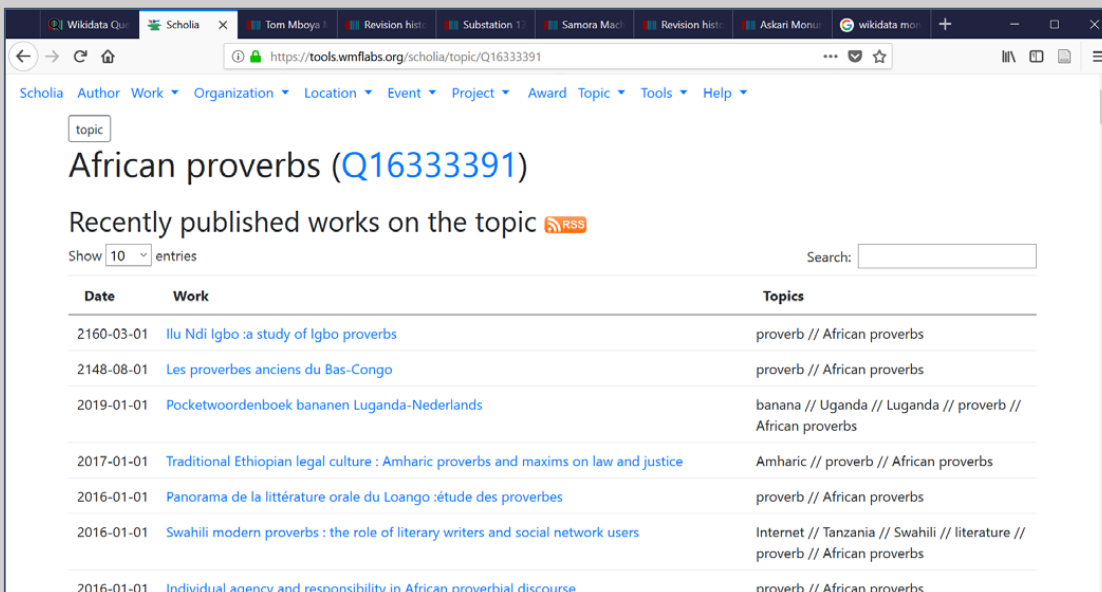


Improving Wikidata records on
on the web dossier's topic



Screenshot Wikidata record *Tom Mboya Monument*
<https://www.wikidata.org/wiki/Q7816748>


Wikidata at the ASCL



Scholia Author Work Organization Location Event Project Award Topic Tools Help

topic


African proverbs (Q16333391)

Recently published works on the topic 

Show entries

Date	Work	Topics
2160-03-01	Ilu Ndi Igbo :a study of Igbo proverbs	proverb // African proverbs
2148-08-01	Les proverbes anciens du Bas-Congo	proverb // African proverbs
2019-01-01	Pocketwoordenboek bananen Luganda-Nederlands	banana // Uganda // Luganda // proverb // African proverbs
2017-01-01	Traditional Ethiopian legal culture : Amharic proverbs and maxims on law and justice	Amharic // proverb // African proverbs
2016-01-01	Panorama de la littérature orale du Loango :étude des proverbes	proverb // African proverbs
2016-01-01	Swahili modern proverbs : the role of literary writers and social network users	Internet // Tanzania // Swahili // literature // proverb // African proverbs
2016-01-01	Individual agency and responsibility in African proverbial discourse	proverb // African proverbs

Adding bibliographic titles
on the topic of a web
dossier to Wikidata



Wikimedia Commons has
media related to *Proverbs*.



Scholia has a profile for
African proverbs
(Q16333391) 

Screenshot of Scholia: Topic: African proverbs
<https://tools.wmflabs.org/scholia/topic/Q16333391>

Screenshot of Scholia template on English
Wikipedia article *Proverb*
<https://en.wikipedia.org/wiki/Proverb>



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Wikidata at the ASCL



African
Studies
Centre
Leiden

Picture gallery: kangas from the collection of the **TRC Leiden**

Photographer: Hans Splinter



Web dossier
*Proverbs in
African languages*

Screenshot of ASCL website – Proverbs in African Languages

<https://www.ascleiden.nl/content/webdossiers/proverbs-african-languages>

Query text on kanga: [https://w.wiki/AV\\$](https://w.wiki/AV$), with pictures: <https://w.wiki/AW4>



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Thank you!

Ursula Oberst & Heleen Smits
asclibrary @ascleiden.nl
www.ascleiden.nl

Using Wikidata to improve spatial subject indexing in a regional bibliography

Adrian Pohl / @acka47

Offene Infrastruktur, Hochschulbibliothekszentrum NRW (hbz)



Berlin, 2019-10-26

This presentation:

<http://slides.lobid.org/nwbib-wikidatacon/>



NWBib

NWBib = "North-Rhine Westphalian Bibliography"

A **regional bibliography (Q1609504)** that records literature about North-Rhine Westphalia (NRW), its regions, places and people

besides monographs, especially articles are recorded as well as maps, DVDs etc.

420.000 entries from publication year 1983 onwards

Web application: nwbib.de (based on [lobid-resources](#) API)

Cataloging in hbz union catalog (Aleph)

The initial status (2017)

8,800 distinct strings for places (mostly administrative areas, but also monasteries, principalities, natural regions etc.)

Strings naively matched to Wikidata entries for geo coordinates (since 2014)

Drawbacks: non-unique names, no hierarchy, poor WD matching

Initial data (extract)

```
3 "Brauweiler"  
1 "Brauweiler, Puhlheim"  
132 "Brauweiler <Pulheim>"  
5 "Brauweiler, Pulheim"  
4 "Breitenbruch <Arnsberg>"  
1 "Brelen"  
29 "Bremen <Ense>"  
1 "Bremke <Menden, Sauerland>"  
1 "Brempt"  
1 "Bremscheid"  
4 "Bremscheid <Eslohe, Sauerland>"  
3 "Brenig"  
2 "Brenken <Büren, Kreis Paderborn>"  
21 "Brenken <Büren, Paderborn>"
```

See full list at <https://gist.github.com/acka47/ccd3715201442e8cb78c70cca9ebd1ab>

Goal: a full-fledged spatial classification

Hierarchical view of places based on administrative areas

One entry/ID for each place

Mockup by NWBib editors (2016)

		● Windeck	
	Siegkreis [1816-1969]		
	Regierungsbezirk Minden [1816-1947]		
	Kreis Brakel [1803-1807 und 1816-1831]		
	Kreis Bünde [1816-1831]		
	Kreis Rahden [1816-1832]		
	○ Regierungsbezirk Münster		
	○ Kreisfreie Städte		
		● Bottrop	
		● Gelsenkirchen	
		● Münster (Westf)	■
	Kreis Ahaus [1816-1974]		
	Kreis Beckum [1816-1974]		
	○ Kreis Borken		
		● Ahaus	
		○ Bocholt	■
			Bocholt: Titel zur gesamten Gemeinde
			Barlo
			Liedern
			Lowick
			Mussum
			Suderwick
			West
		● Borken (Westf.)	■
		● Gescher	
		● Gronau (Westf.)	■
		● Heek	
		● Heiden <Kreis Borken>	■
		● Isselburg	

Best option: Wikidata

We looked at Integrated Authority File (GND), GeoNames and Wikidata

We chose Wikidata as data base mainly because of its coverage, its existing infrastructure

Good coverage of place entries, geo coordinates and hierarchical information

Infrastructure for editing and versioning was already there plus a community we could participate in to keep the data up to date

Requirement: intermediate data store

NWBib editors did not want NWBib to directly rely on Wikidata

...because Wikidata servers are not under our control

Also fear of unwelcome edits or vandalism

We decided to manage an intermediate SKOS (**Simple Knowledge Organization System**) file the application would rely on

How we did it: Five steps

1. Match strings with Wikidata
2. Create classification from Wikidata & update lobid/NWBib data
3. Add links to NWBib in Wikidata with custom property plus qualifier for broader term
4. Establish process for updating classification including review
5. Update data in union catalog (Aleph) & use classification URIs in cataloging

Matching approach

Matching via API isn't sufficient (e.g. because different levels of administrative areas have very similar names)

Matching via custom Elasticsearch index (maximizing precision by type restriction)

The index is built based on Wikidata SPARQL query for specific entities in NRW

(see query evolution [I](#) and [II](#))

Example resource in matching index

```
{
  "spatial":{
    "id":"http://www.wikidata.org/entity/Q897382",
    "label":"Ehrenfeld",
    "geo":{
      "lat":50.9464,
      "lon":6.91833
    },
    "type":[
      "http://www.wikidata.org/entity/Q15632166"
    ]
  },
  "aliases":[
    {
      "language":"de",
      "value":"Köln/Ehrenfeld"
    }
  ]
}
```

Matching Results

Successful automatic matching for >99% of records and
~92% of the place strings

For <1000 strings the matching was incorrect

Catalogers adjusted catalog records and made >6000
manual edits to Wikidata to reach 100% coverage (adding
aliases & type information, creating new entries)

Create transitional classification

Based on Wikidata entries and hierarchical statements
(mainly **P131**)

Add SKOS concept URIS and links to Wikidata to
lobid/NWBib (see "spatial" object in **JSON example**)

Spatial subjects in NWBib/lobid JSON

```
{
  "spatial": [
    {
      "focus": {
        "id": "http://www.wikidata.org/entity/Q365",
        "geo": {
          "lat": 50.942222222222,
          "lon": 6.9577777777778
        }
      },
      "type": [
        "http://www.wikidata.org/entity/Q22865",
        "http://www.wikidata.org/entity/Q707813",
        "http://www.wikidata.org/entity/Q200250",
        "http://www.wikidata.org/entity/Q2202509",
        "http://www.wikidata.org/entity/Q42744322",
        "http://www.wikidata.org/entity/Q1549591"
      ]
    }
  ]
}
```

Example entry

Querying for literature based on a place's QID

```
spatial.focus.id:"http://www.wikidata.org/entity/Q365"
```

Linking Wikidata and NWBib

Create **Wikidata property** for NWBib ID

Batch load NWBib IDs with **QuickStatements** (*issue*)

Add broader information to NWBib ID statements with
qualifier **P4900** (*issue*)

Klexikon-Artikel-ID

Köln

bearbeiten

0 Fundstellen

+ Fundstelle hinzufügen

+ Wert hinzufügen

NWBib-ID

Q365

bearbeiten

übergeordneter Begriff Regierungsbezirk Köln

0 Fundstellen

+ Fundstelle hinzufügen

+ Wert hinzufügen

Comic Vine-Kennung

4020-64233

bearbeiten

0 Fundstellen

+ Fundstelle hinzufügen

+ Wert hinzufügen

Große-katalanische-
Enzyklopädie-Kennung

0018863

bearbeiten

0 Fundstellen

+ Fundstelle hinzufügen

+ Wert hinzufügen

Establish update and review processes

Classification is created based on base SKOS conf file and
Wikidata: **spatial classification (SKOS version)**

New classification entries are included by adding a P6814
(NWBib ID) statement in Wikidata

Hierarchy is adjusted using the P4900 qualifier

Review process for new versions of the classification to be
specified

Update base data and cataloging process (to do)

Köln <https://nwbib.de/spatial#Q365>

By the end of 2019 catalogers will start using Wikidata-based URIs for spatial subject indexing in Aleph

Existing NWBib entries will be updated in Aleph

Status Quo

More than 400k NWBib entries with links to Wikidata

More than 4,400 Wikidata entries with links to NWBib

Questions?

Contact us via [Mastodon](#), [Twitter](#), [IRC](#), [E-Mail](#)

Wikidata and Libraries

as Partners in Data Production, Organization, and Project Inspiration

Hilary Thorsen and Lena Denis
with contributions from afar from
Christine Fernsebner Eslao

WikidataCon 2019, 25-26 October, Berlin



What is Linked Data for Production

Grant funded project to begin shifting the library cataloging community to describe library resources using linked data

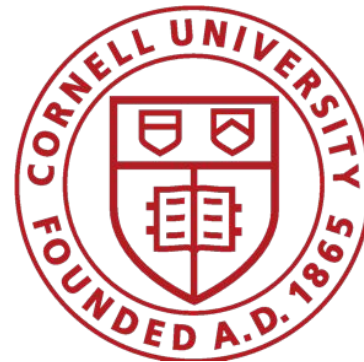


Linked Data for Production

HARVARD
UNIVERSITY



Stanford
University



THE
UNIVERSITY
OF IOWA



THE
ANDREW W.

MELLON

FOUNDATION

Libraries ♥ Wikidata

- How can we integrate library metadata with Wikidata and make it a part of our cataloging workflows?
- How can Wikidata help us improve our library discovery environment?
- How can Wikidata help us reveal more relationships and connections within our data and with external datasets?
- How can libraries help fill gaps in Wikidata?





The Erwin Raisz Cartographic Notebooks



ARCHIVE / MANUSCRIPT
[Erwin Raisz notebooks]
 Raisz, Erwin, 1893-1968 [cartographer]
 [1910-1968]
 Available at Harvard Map Collection MAP-LC (G69.R2 .R2 1968z vf) >

Details

Title
 [Erwin Raisz notebooks]

Author / Creator
 Raisz, Erwin, 1893-1968 [cartographer] >

Finding aids
 Electronic collection inventory available as Excel spreadsheet. Item level control.

Publication info
 Produced: [1910-1968]

Description
 66 notebooks, ill. (some col.), maps (some col.) 11-26 cm.
 Arranged chronologically by year.

History note
 Cartographer. Born in Hungary, 1893; lecturer at Institute of Geographical Exploration at Harvard University, 1931-1947. Died in Thailand, 1968. An obituary with an extensive biography can be found at DOI: 10.1111/j.1467-8306.1970.tb00712.x

Summary
Scope and content: Consist of travel diaries, cartographic materials, teaching materials, drafts of letters and speeches, and miscellaneous drawings by Erwin Raisz, produced over the course of his life. Most of the notebooks contain sketches and notes used for his published landform maps and atlases. Media used include colored pencil, pen, pencil, and watercolor. The first notebooks date from 1910, with Erwin Raisz's school notebooks as a child in Budapest. They span his academic career and contain many details of his personal life especially while traveling, through his final trip on which he passed away in 1968.

Language
 English
 Arabic
 French
 German
 Hungarian
 Japanese
 Portuguese
 Spanish

Notes

Title supplied by cataloger.

Asia, Europe, North America, South America
 Harvard University, Harvard Map Collection Pusey Library, Harvard Yard Cambridge, Massachusetts 02138 USA
 macbhm
 Mostly in English. Notes also in Arabic, French, German, Hungarian, Japanese, Portuguese, and Spanish.

Subjects

Bowman, Isaiah, -- 1878-1950. >
 Johnson, Douglas Wilson, -- 1878-1944. >
 Kerr, Paul F. -- (Paul Francis), -- 1897-1981. >
 Massip, Salvador, -- 1891-1978. >
 Raisz, Erwin, -- 1893-1968 -- (Cartographer) >
 Torre y Huerta, Carlos de la, -- 1858-1950. >
 Asia -- Description and travel. >
 Europe -- Description and travel. >
 North America -- Description and travel. >
 South America -- Description and travel. >

Form / genre

Aerial views. >
 Atlases. >
 Cartographic materials >
 Flow maps. >
 Geological cross-sections. >
 Geological maps. >
 Gores (Maps) >
 Manuscript maps. >
 Maps >
 Outline maps. >
 Quotations. >
 Teachers' writings. >
 Topographic maps. >
 Topographical views. >

Creation Date

[1910-1968]

HOLLIS number

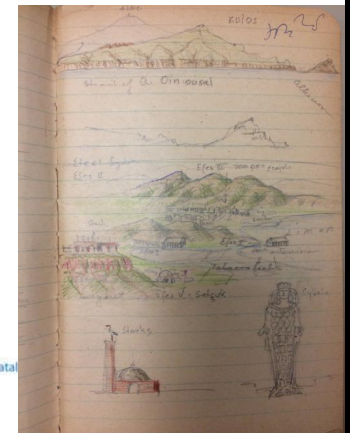
990148216920203941

Permalink

<http://id.lib.harvard.edu/alma/990148216920203941/catalog>

Source
 HVD - Core

Get It



Library Data Cleanup and Batch Export

GRAPHIC_36042881430003941_1 json Permalink

70 rows	Schema	Issues 73	Preview
Show as: rows records Show: 5 10 25 50 rows			
All	reconciled	instar	concat
Label	LDR		
3.	textbook	textbook by Samuel Eliot Morison ; maps by Erwin Raisz ; drawings by Bertram Greene	Admiral of the ocean sea new Choose new match
4.	map edition	map edition text by AK Lobeck ; map by Erwin J Raisz ; sketches by Robert L Dickinson	Physiographic diagram of the New York region new Choose new match
5.	map edition	map edition by Erwin Raisz	Physiographic map of Virginia new Choose new match
6.	map edition	map edition prepared for the Environmental Protection Section of the Office of the US Quartermaster General by Erwin Raisz in 1950; hydrography by Robert L Williams	Landform map of Canada new Choose new match
7.	map edition	map edition prepared at the Institute of Geographical Exploration, Harvard University, Cambridge Mass by Erwin Raisz ; Issued by the Oregon Department of Geology and Mineral Industries Portland, Oregon	Landforms of Oregon new Choose new match

```

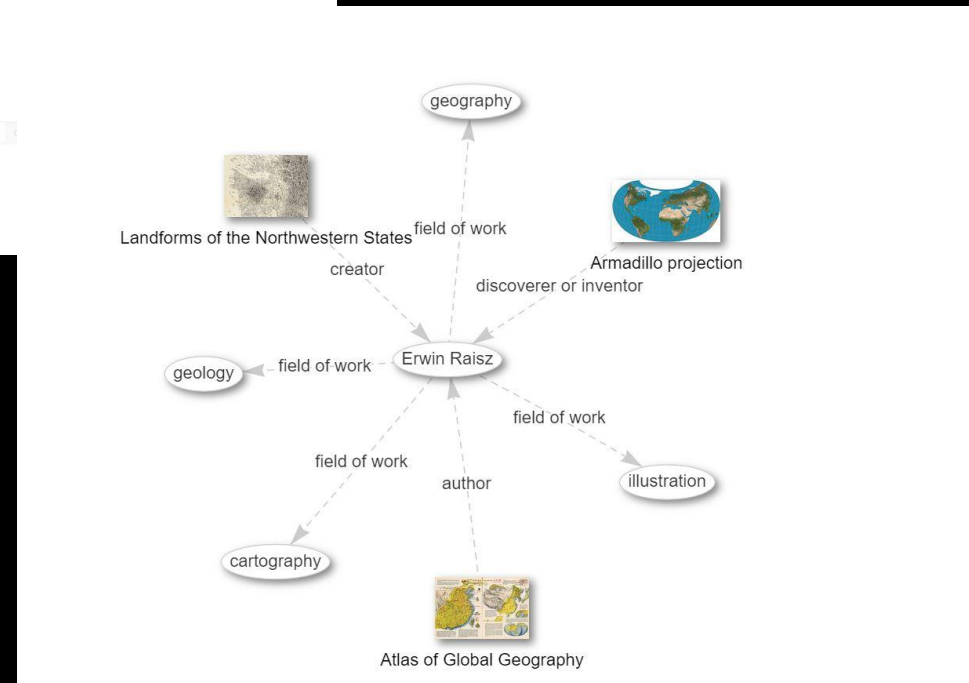
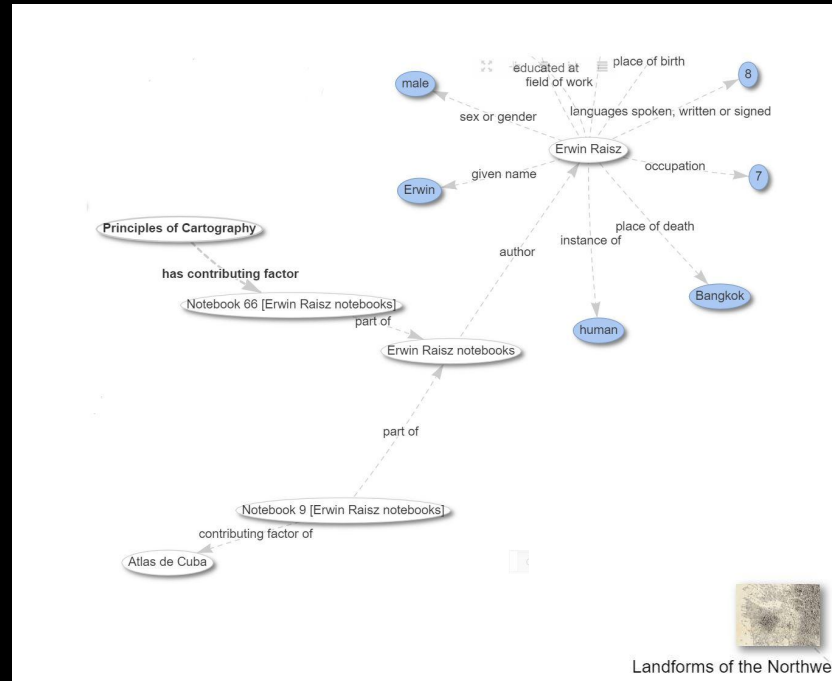
"Landforms of the United States"
"map edition by Erwin Raisz"
en:"Landforms of the United States" S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q56753859 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q3957567 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q3232931 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
5512320U193642 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q167186 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q61 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
54U174728 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
85U174728 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q30 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
+1957-01-01T00:00:00Z/9 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q271669 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
Q11472 S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"
"20747592" S854 "http://id.lib.harvard.edu/alma/99153687333603941/catalog"

"The course of empire"
"textbook with maps by Erwin Raisz"
en:"The course of empire" S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q83790 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q3638666 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q3232931 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q390074 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q100 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
22U174728 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q30 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
+1952-01-01T00:00:00Z/9 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q3957567 P3831 Q1734662 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
Q7260 S854 "http://id.lib.harvard.edu/alma/990014375320203941/catalog"
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"Admiral of the ocean sea"
"textbook by Samuel Eliot Morison ; maps by Erwin Raisz ; drawings by Bertram Greene"
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```

Knowledge Graphs Generated from SPARQL Queries



Answering research questions with Wikidata-based knowledge graphs

Video link: <https://drive.google.com/file/d/1NXV361xijrIO35U87G8wPHAhJq0jUQ21/view?ts=5db3298f>

Modelling Issues: What is an “Item”

Letters Received from Muskogee Relating to Choctaw Allotments (NAID 2430817) (059938061)

series in the Nation **has part**

▾ In more languages
Configure

Language

English

Spanish

Traditional Chinese

Chinese

All entered languages

Statements

instance of

part of

has part	level of description	item	edit	t
	▶ 1 reference			lit
	level of description	item	edit	t
	▶ 1 reference			it
	level of description	item	edit	dit
	▶ 1 reference			dit
	level of description	item	edit	dit
	▶ 1 reference			dit
			+ add value	lit
	level of description	record group	edit	dit
	▶ 0 references			
			+ add reference	
			+ add value	
				+ add value

Punk Bands in the Arthur Freedman Collection at Loeb Music Library



Poster for Vitamin Rx,
Bound & Gagged, et al.

View image here:

http://karenaqua.com/graphics/still_taxonomy.jpg

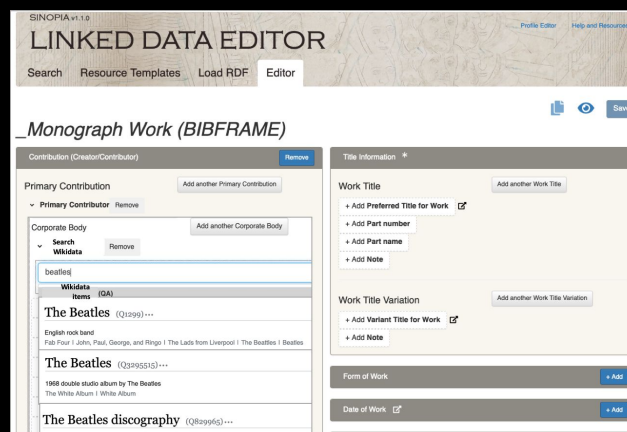
Avant garde + Women Filmmakers in the Harvard Film Archive

Taxonomy by [Karen Aqua \(Q72005836\)](#) via
<http://karenaqua.com/taxonomy.html>

Difficulties Integrating Library Software with Wikidata

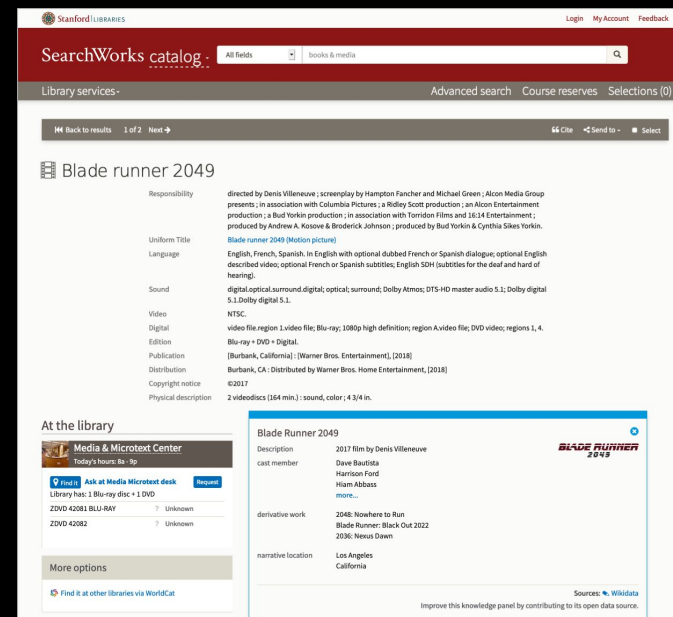
Ideally catalogers could find or possibly even create Wikidata entities seamlessly in metadata production tools

And our catalog records could be enhanced with additional contextual data from Wikidata, which could improve discovery of library materials



Sinopia linked data editor for cataloging library resources

Library catalog with knowledge panel bringing in data from Wikidata



Thank you!

Hilary Thorsen, Wikimedian in Residence, Linked Data for Production
thorsenh@stanford.edu

User: Chicagohil

Lena Denis, Cartographic Assistant, Harvard Library

lena_denis@harvard.edu

User: Librarian_lena

Christine Fernsebner Eslao, Metadata Technologies Program Manager, Harvard Library

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User: Fernsebner

LD4 Wikidata Affinity Group

- Interest group meeting virtually every two weeks
- Open to any one to join to discuss Wikidata and library related topics and share projects
- Next call: Tuesday, Nov. 5th
9am PST / 12pm EST / 17:00 UTC / 6pm CET

Join us!

