OpenStreetMap and Wikimedia:
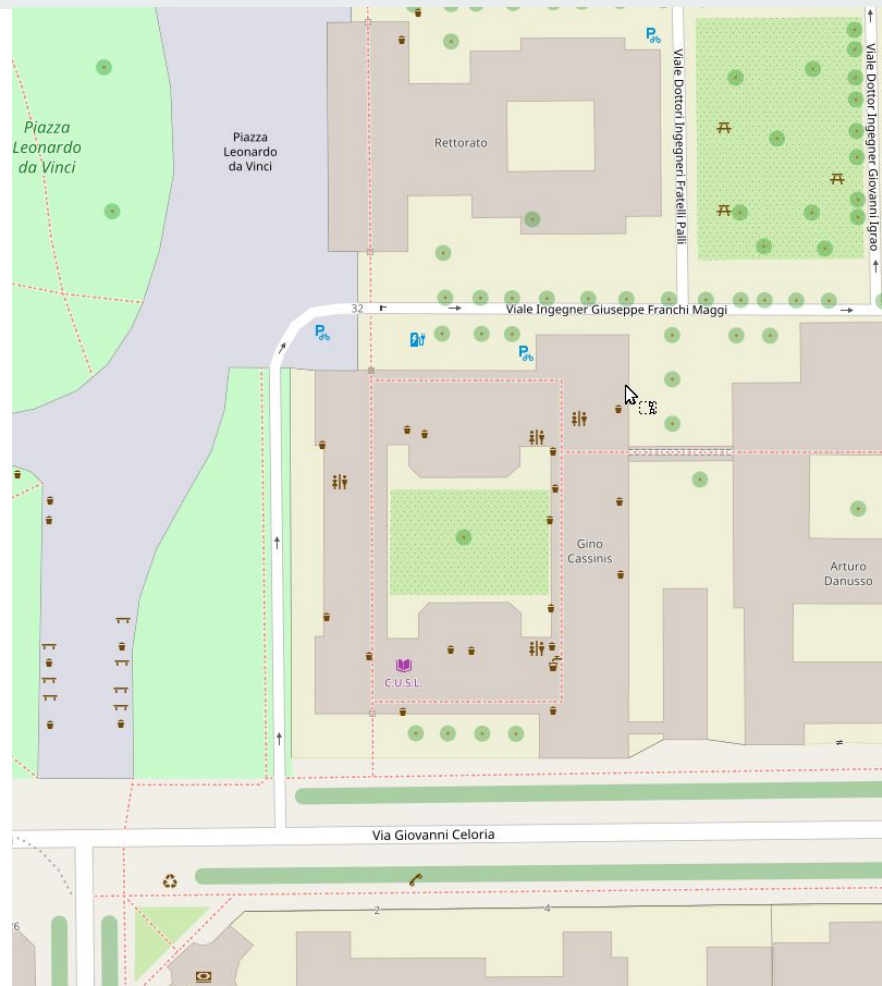# A quick overview

State of the Map 2018
Eugene Alvin Villar
[[User:seav]]
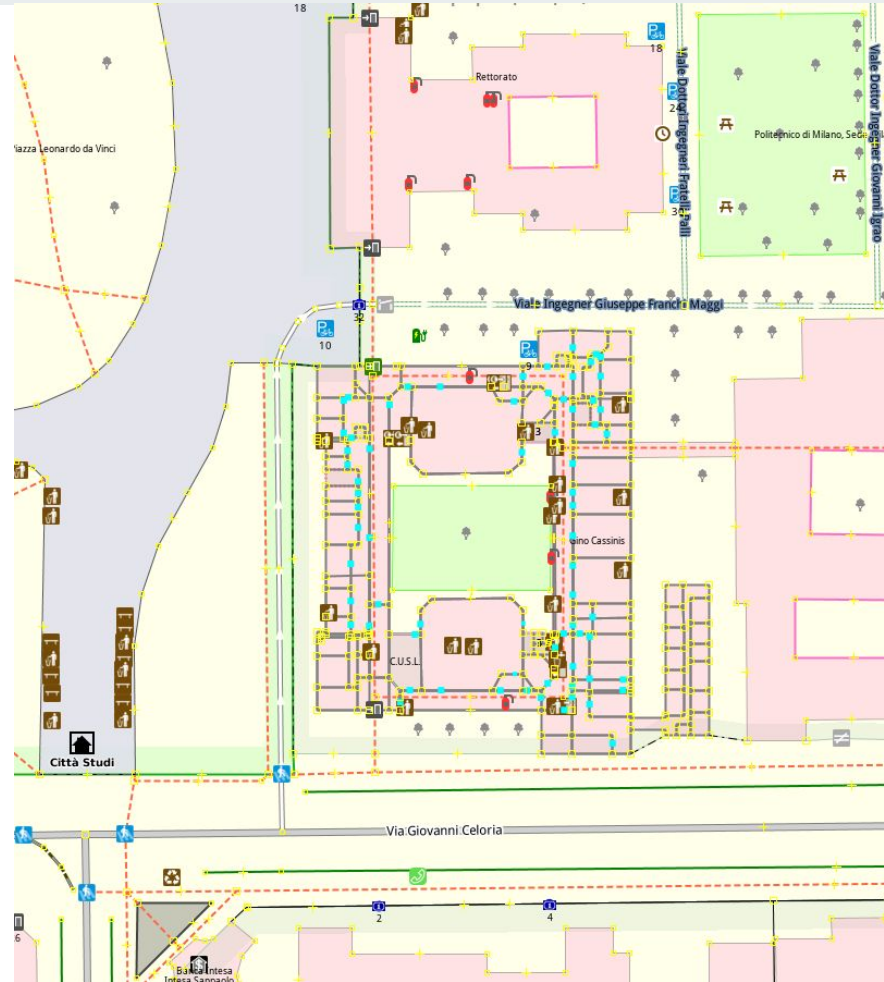
"OpenStreetMap is like Wikipedia for maps"
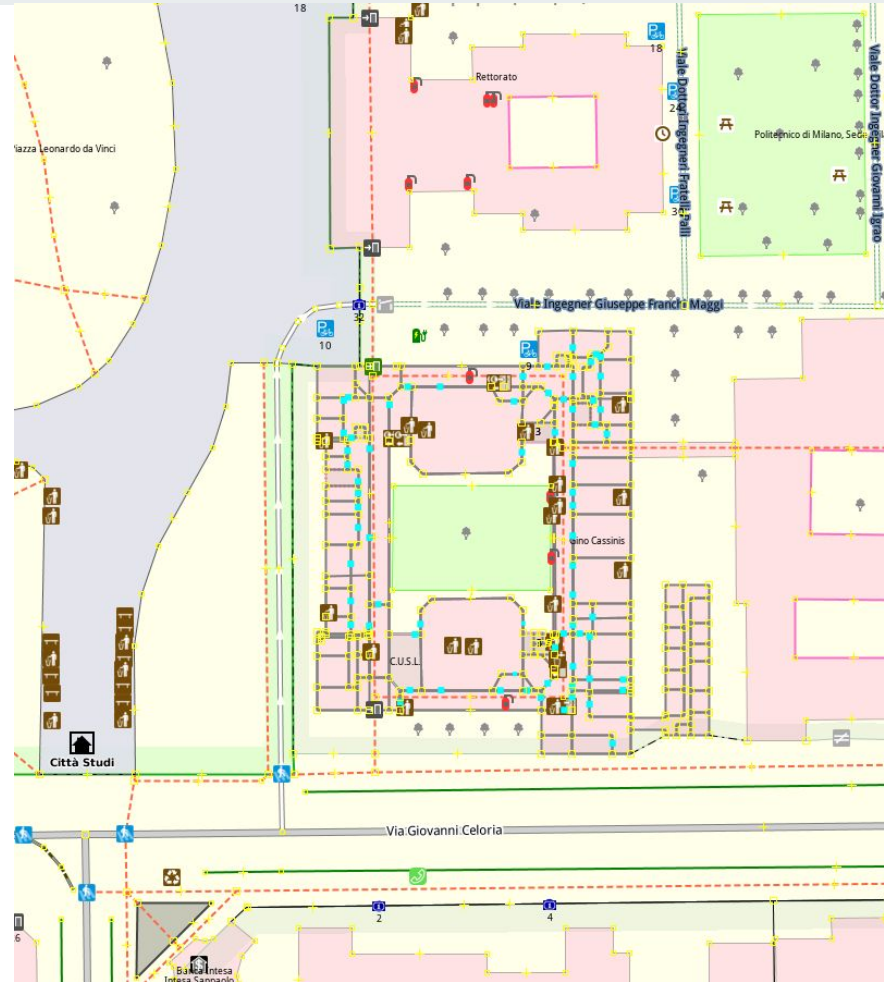
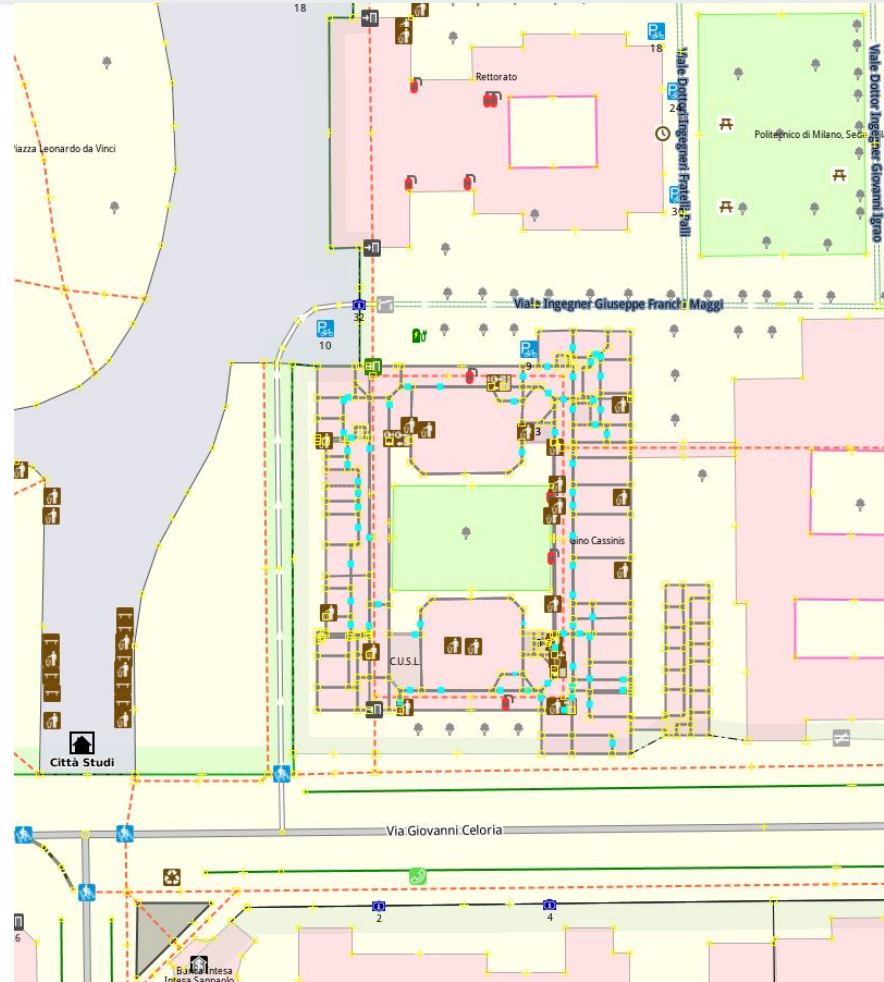"OpenStreetMap is like Wikidata for geographical data"

WIKIDATA

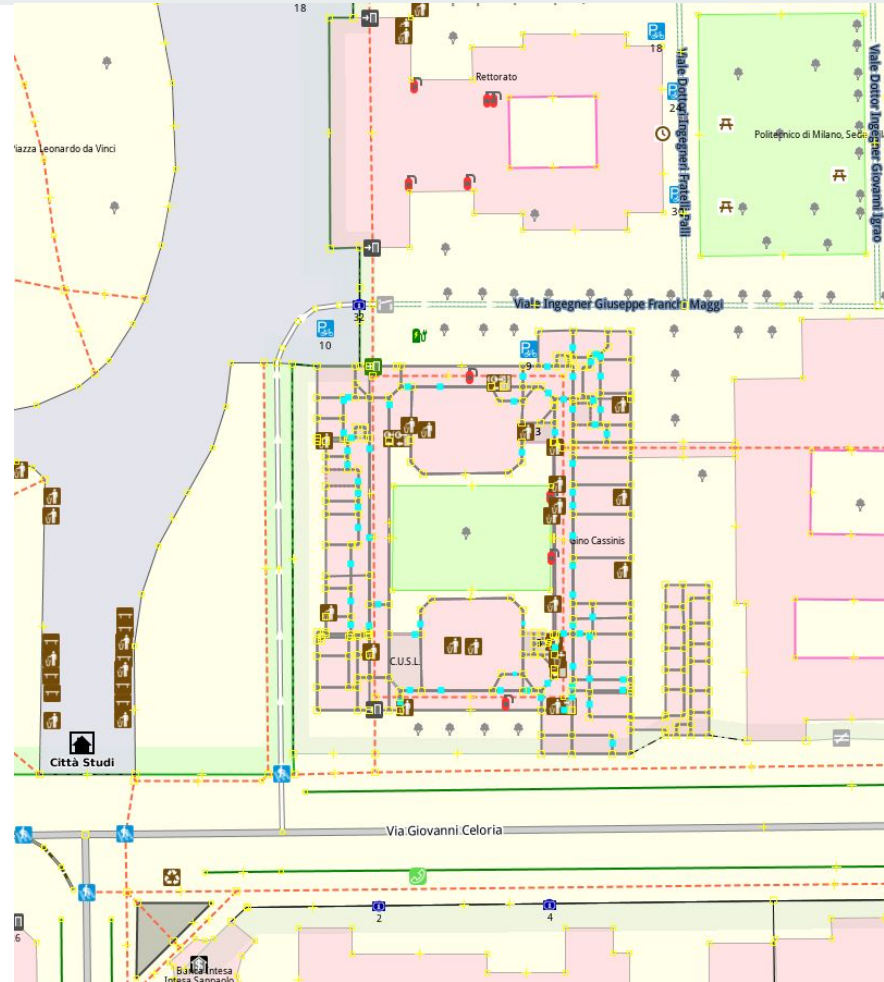**OpenStreetMap** has nodes, ways, relations, tags, keys, values, etc.

Wikidata has items, statements, properties, values, qualifiers, etc.

Data modeling discussions on the Wikidata:Project chat page are actually quite similar to discussions on OSM's tagging mailing list.

(Both projects struggle with ontology issues because both projects are examples of folksonomies.)

Wikimedia in OSM

The OSM Wiki is powered by MediaWiki, the wiki engine developed by Wikimedia, and this also provides access to Wikimedia Commons images.

Tag definitions on the OSM Wiki link to Wikipedia and Wikidata to help clarify features.

OSM objects can link to corresponding Wikipedia articles and Wikidata items using the wikipedia=* and wikidata=* tags respectively.

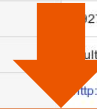The OpenStreetMap Foundation has derived its [Local Chapters agreement](#) and [Trademark Policy](#) from corresponding documents from the Wikimedia Foundation.

Trademark Policy

Contents [show]

Adopted by the OSMF board on January the 7th 2018.

Introduction

Why does OpenStreetMap have marks?

The OpenStreetMap marks represent OpenStreetMap and its work to bring open map data to the entire world. When users see the OpenStreetMap name and logo, they should be confident that they are looking at a high quality map that is the result of the rigorous and comprehensive collaboration process of OpenStreetMap. Trademark protection helps reinforce that connection.

What are the goals of this trademark policy?

The goodwill supporting the OpenStreetMap marks has been generated by a prolific and passionate volunteer community. The OpenStreetMap Foundation has prepared this policy to preserve and protect that goodwill by ensuring that uses of the marks are consistent with OpenStreetMap's mission and promote the OpenStreetMap movement.

How is this trademark policy different from most trademark policies?

This trademark policy seeks to make trademark licensing as easy as possible for the contributors who created OpenStreetMap, by making explicit that many uses do not require a trademark licence, and by empowering them to use OpenStreetMap's marks without a trademark licence for community-focused

OSM in Wikimedia

OSM has been used to create maps to illustrate Wikipedia articles and populate Wikimedia Commons.

Map of Weybridge (from OpenStreetMap.org)

OSM has been used to create maps to illustrate Wikipedia articles and populate Wikimedia Commons.

OSM powers the Wikimedia Foundation's [Kartotherian](#) map tile service, which is used by the [Kartographer](#) MediaWiki extension and almost all other interactive maps on Wikimedia projects.

Centro Storico is just as full of historic monuments as it is of designer boutiques and showrooms, restaurants and caffes - you will find almost all one comes to find in Milan for within not more than a quarter's walk.

The defunct old Milan district of "*Centro Storico*" included a broader area; the area covered in this guide corresponds to the *Quartiere 101 - Duomo* of the present-day *Zona 1*.

⌃ Get in ✎

To get to the Centro Storico usually means getting to its very central point - the Piazza Duomo. Two metro lines cross ride underneath it, and many trams stop right next to the Piazza. The only train station within the Centro Storico is Milano Cadorna, on its western outskirts.

From Milano Malpensa Airport ✎

Take the Malpensa Express to Milano Cadorna station and from there simply enjoy the Centro Storico by walking eastwards, or take the metro for the `1` Duomo `M1` `M3`. Trams 1 and 27 will also take you into the heart of the Centro Storico, over a route with some memorable views.

Map of Milan/Centro Storico

From Linate Airport ✎

The bus lines 73 and X73 connect the Linate Airport with Piazza San Babila in the east of the Centro Storico, which has a station on the `M1` network.
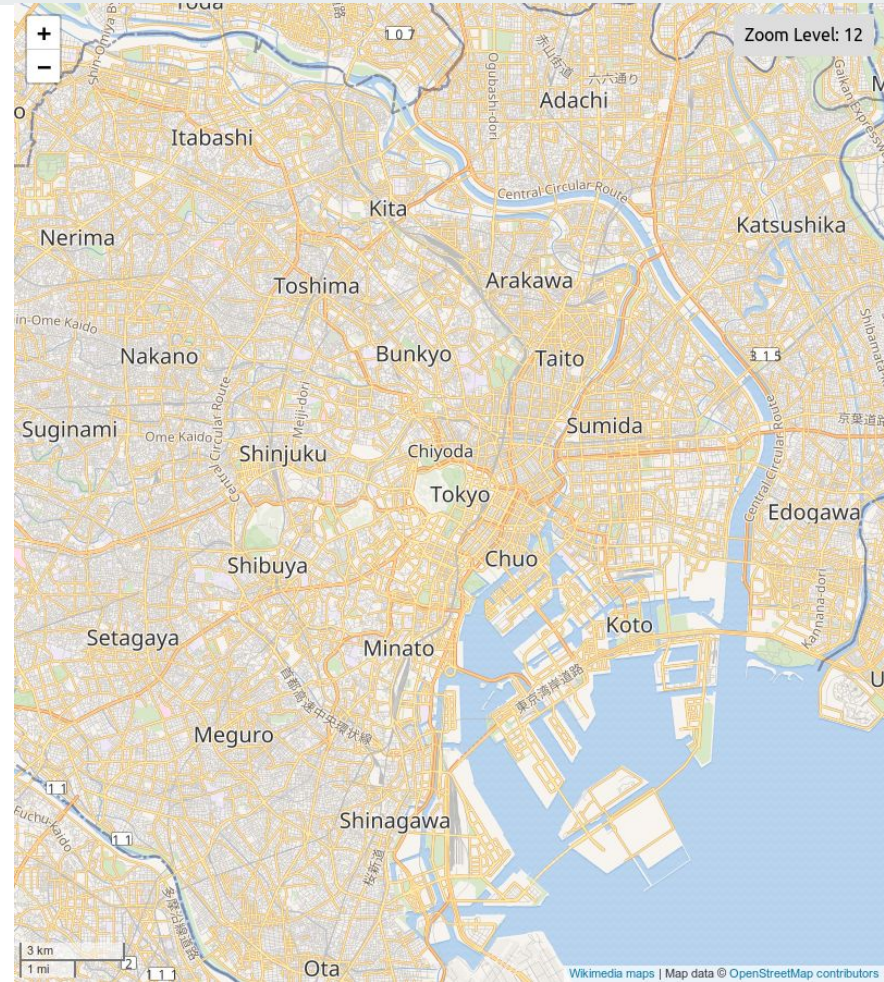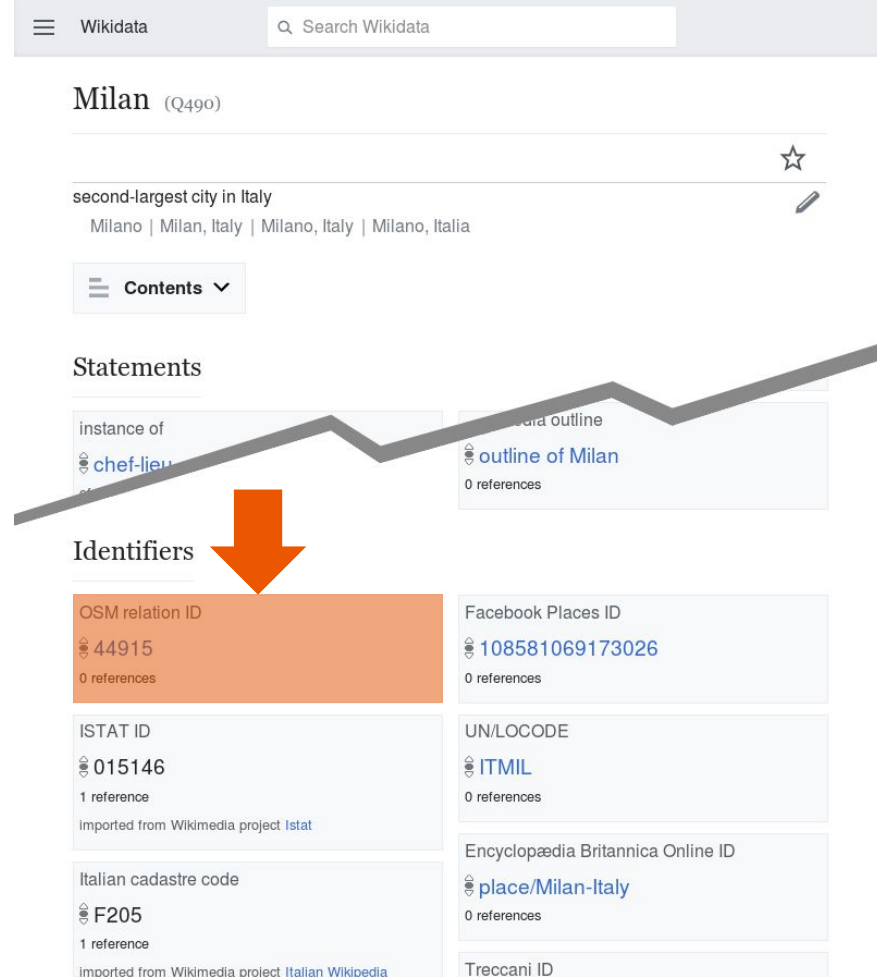

The Duomo metro station on M1 and

The Wikimedia Foundation [recently released](#) internationalized map tiles for Kartotherian, leveraging OSM's name:*=* tags.

WikiMiniAtlas, an older MediaWiki plugin still in use in many Wikipedias, is also powered by OSM data, including 3D building data.

Wikidata items on places can link to OSM relations using the OSM relation ID (P402) property.

Wikidata items about features can link to "equivalent" OSM features using the [OSM tag or key](#) (P1282) property.

light source
0 references

sea mark
0 references

building
0 references

image

Nantucket light 1.jpg
589 × 1,040; 127 KB
0 references

Lindau-Hafen-Sonnenuntergang.jpg
1,786 × 1,337; 293 KB
0 references

0 references

topic's main category
Category:Lighthouses
0 references

history of topic
History of lighthouses
0 references

described by source
Nordisk familjebok
0 references

Armenian Soviet cyclopedia
0 references

OSM tag or key
Tag:man_made=lighthouse
0 references

equivalent class
http://dbpedia.org/ontology/Lighthouse
described at URL http://mappings.dbpedia.org/index.php/OntologyClass:Lighthouse
retrieved 16 June 2015
1 reference
imported from Wikimedia project DBpedia

has part
light house
0 references

properties for this type

Wikimedia–OSM Collaborations

Mapbox uses Wikidata to help with the localization of their map products.

(If there are missing name:=* tags on an OSM object, they pull labels from corresponding Wikidata entries.)*

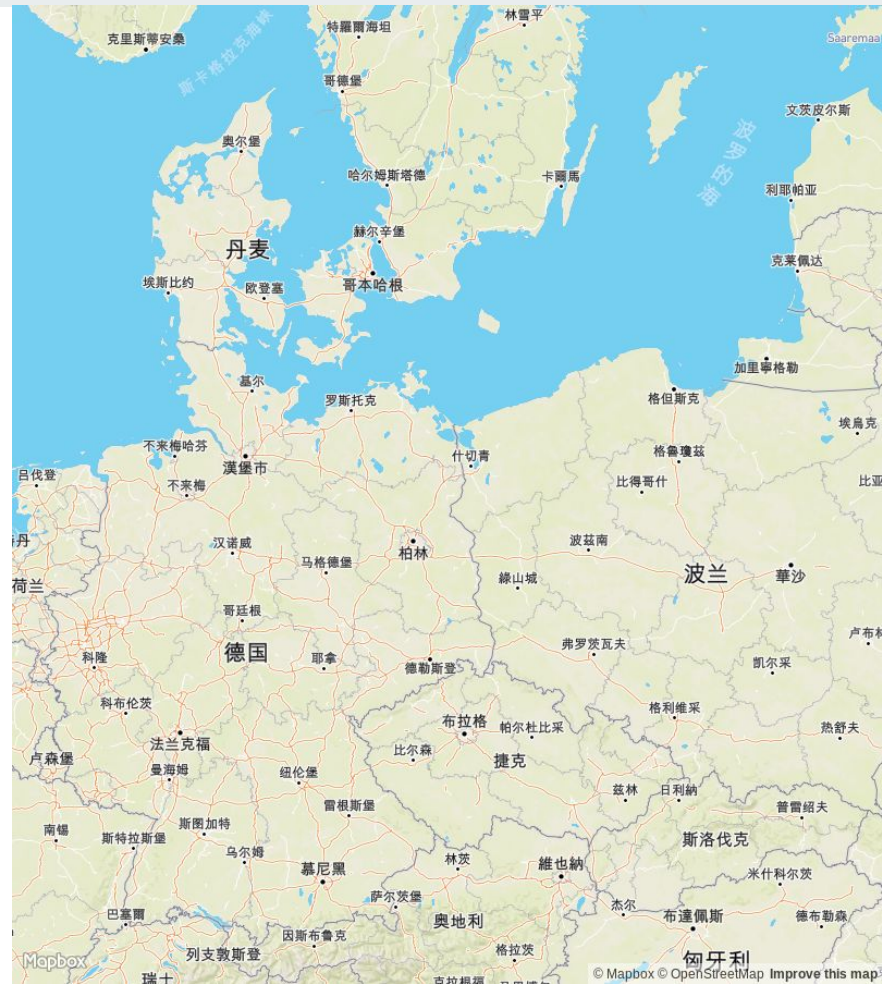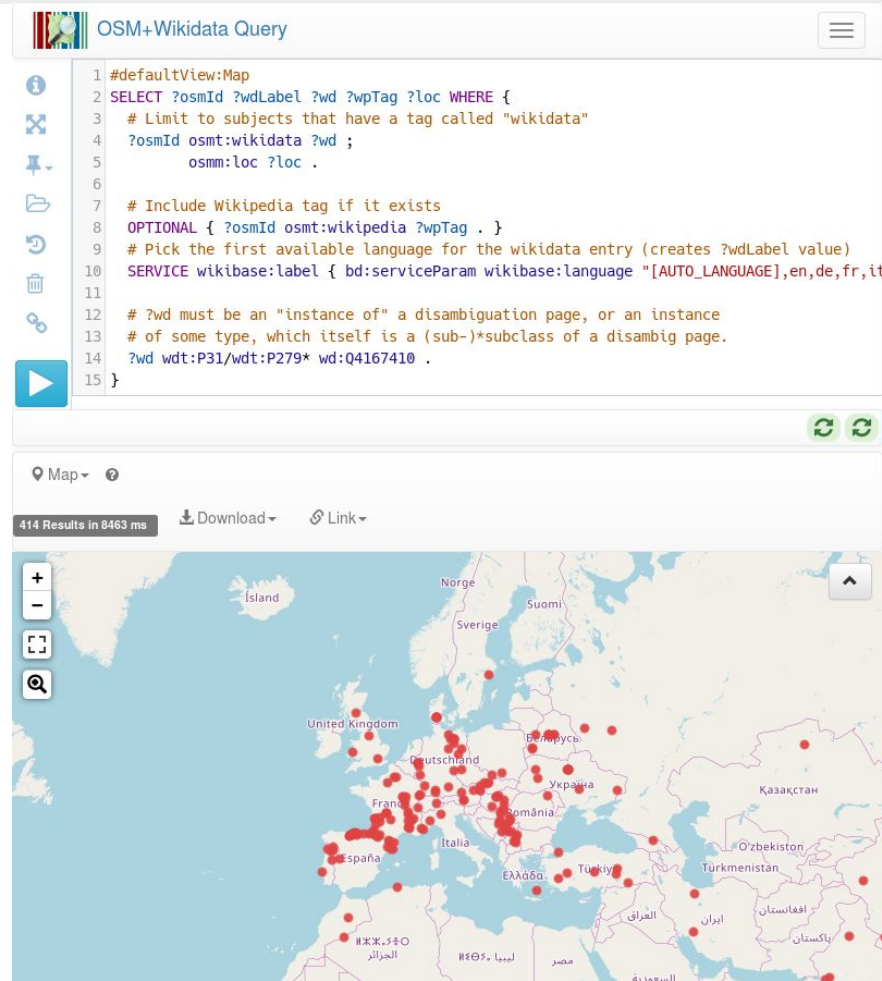Yurik Astrakhan (OSM: nyuriks) created Sophox, a SPARQL endpoint that combines Wikidata and OSM.

(The service is currently looking for a new home.)


```
1  #defaultView:Map
2  SELECT ?osmId ?wdLabel ?wd ?wpTag ?loc WHERE {
3    # Limit to subjects that have a tag called "wikidata"
4    ?osmId osmt:wikidata ?wd ;
5         osmm:loc ?loc .
6
7    # Include Wikipedia tag if it exists
8    OPTIONAL { ?osmId osmt:wikipedia ?wpTag . }
9    # Pick the first available language for the wikidata entry (creates ?wdLabel value)
10   SERVICE wikibase:label { bd:serviceParam wikibase:language "[AUTO_LANGUAGE],en,de,fr,it
11
12   # ?wd must be an "instance of" a disambiguation page, or an instance
13   # of some type, which itself is a (sub-)*subclass of a disambig page.
14   ?wd wdt:P31/wdt:P279* wd:Q4167410 .
15 }
```

OSM+Wikidata Query

🗺 Map ▾ ❓

414 Results in 8463 ms

⬇ Download ▾   🔗 Link ▾

Wikimedia Indonesia and the HOT Indonesia share resources and organize joint projects, such as Open Content in Kalimantan.

PERKUMPULAN WIKIMEDIA INDONESIA & HUMANITARIAN OPENSTREETMAP TEAM
OPEN CONTENT IN KALIMANTAN: WIKIPEDIA AND
OPENSTREETMAP FOR TRANSPARENCY

CONTRACT NUMBER: HO CIM 18740

REPORTING PERIOD: SEPTEMBER 2014 - MARCH 2015 (MID TERM REPORT)

Wikimedia Italia is a local chapter of both the Wikimedia Foundation and the OSM Foundation.

(Aside from State of the Map 2018, WMIT has been helping organize OSMit, the annual OSM conference in Italy.)

Challenges

Wikidata cannot wholesale import coordinates from OSM because OSM is licensed under the Open Database License (ODbL).

OSM will *not* import coordinates from Wikidata despite the CC0 license because of provenance issues related to Google Maps and others.

("It is an established principle in OpenStreetMap that we don't import geodata from Wikipedia.")

There is some push back from the OSM community against indiscriminate bulk adding of more wikidata=* tags into OSM.
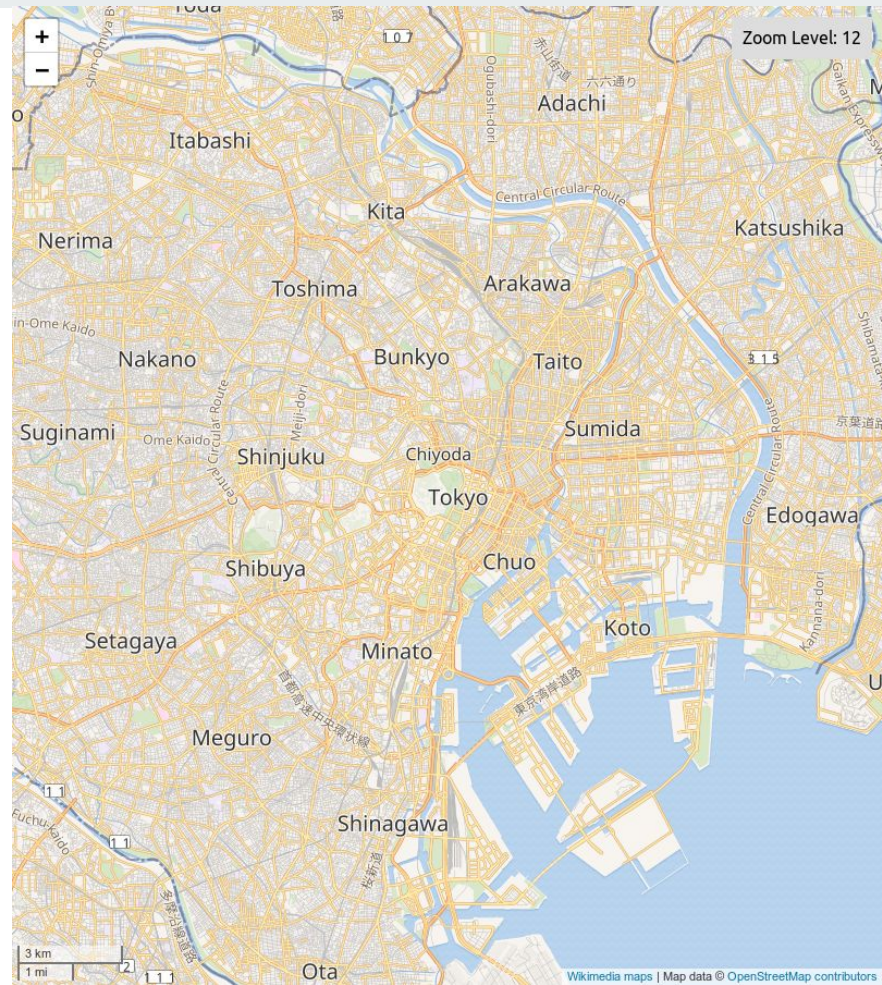
Wikimedia's internationalized maps has resulted into concern in the OSM community that users may add unnecessary name:*=* tags into OSM.

(Mapbox's solution of using Wikidata labels might actually be a better approach.)

Thank you!