



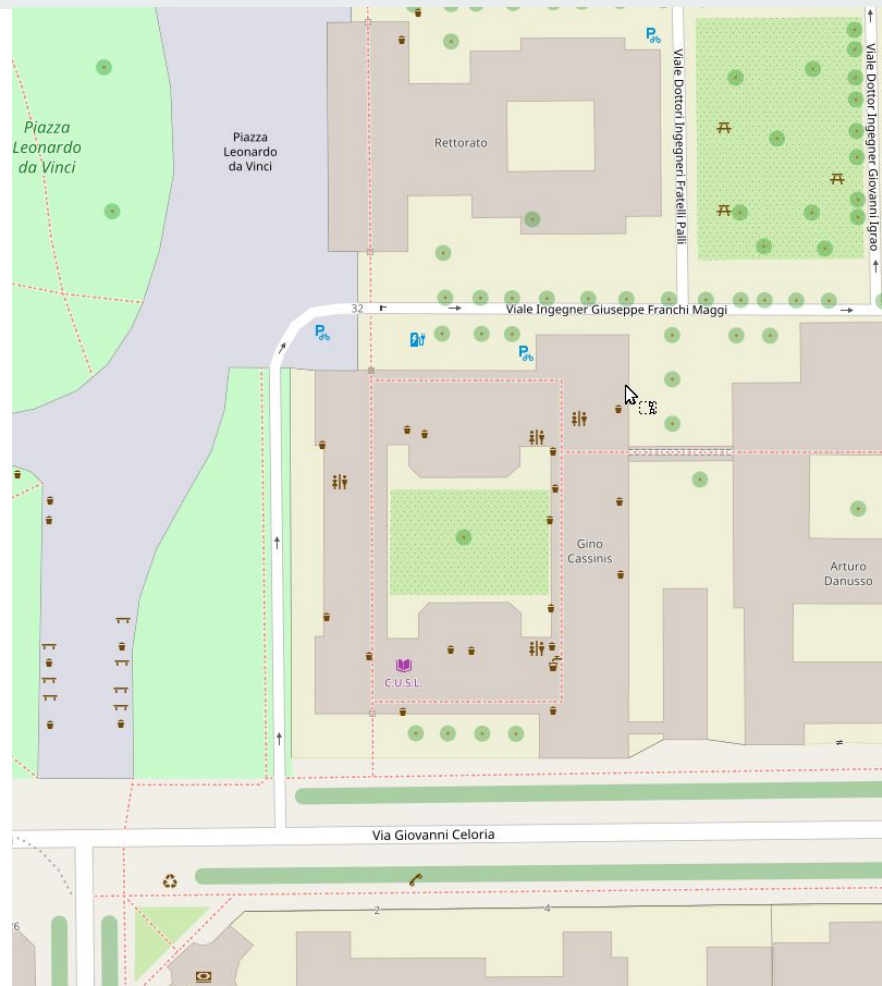
OpenStreetMap and Wikimedia: A quick overview

State of the Map 2018
Eugene Alvin Villar
[[User:seav]]

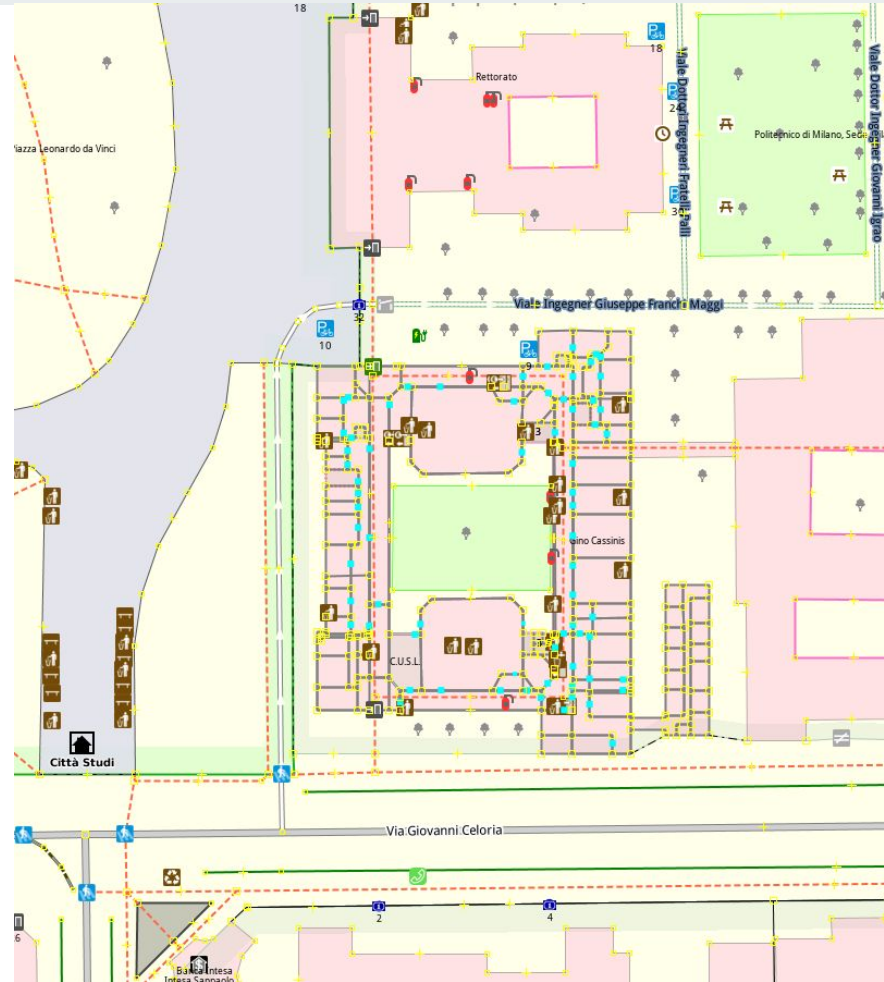
“OpenStreetMap is like
Wikipedia for maps”



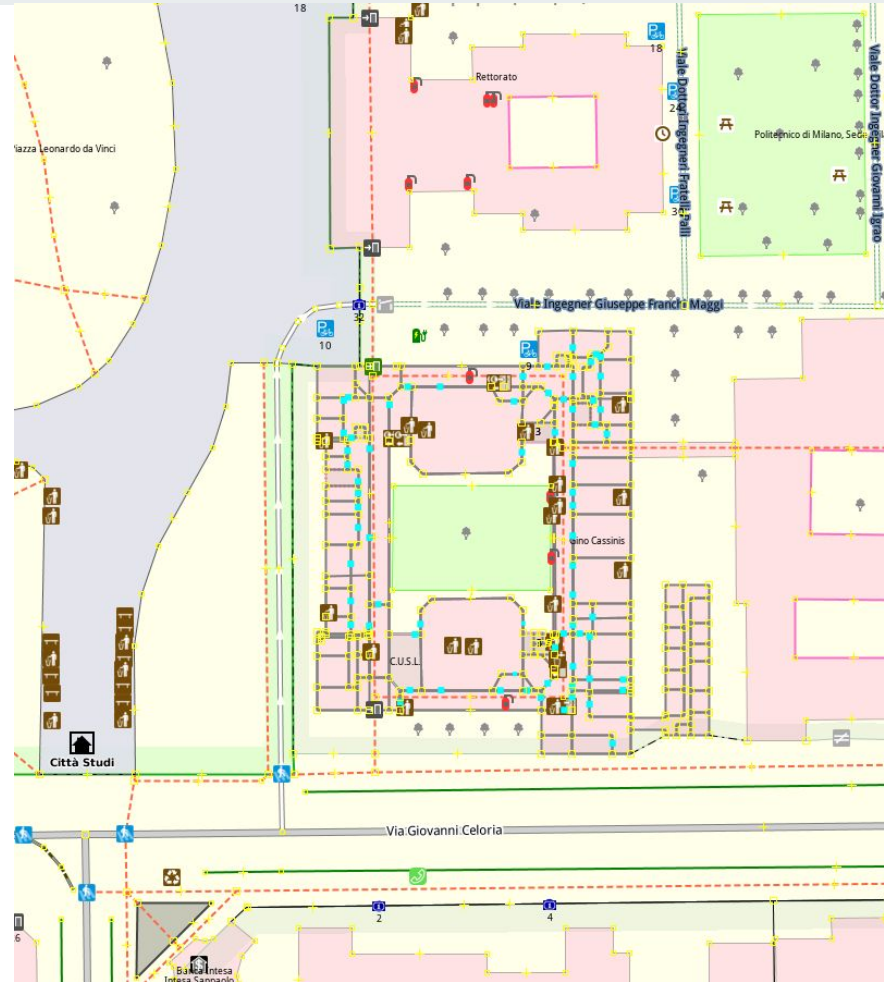
WIKIPEDIA



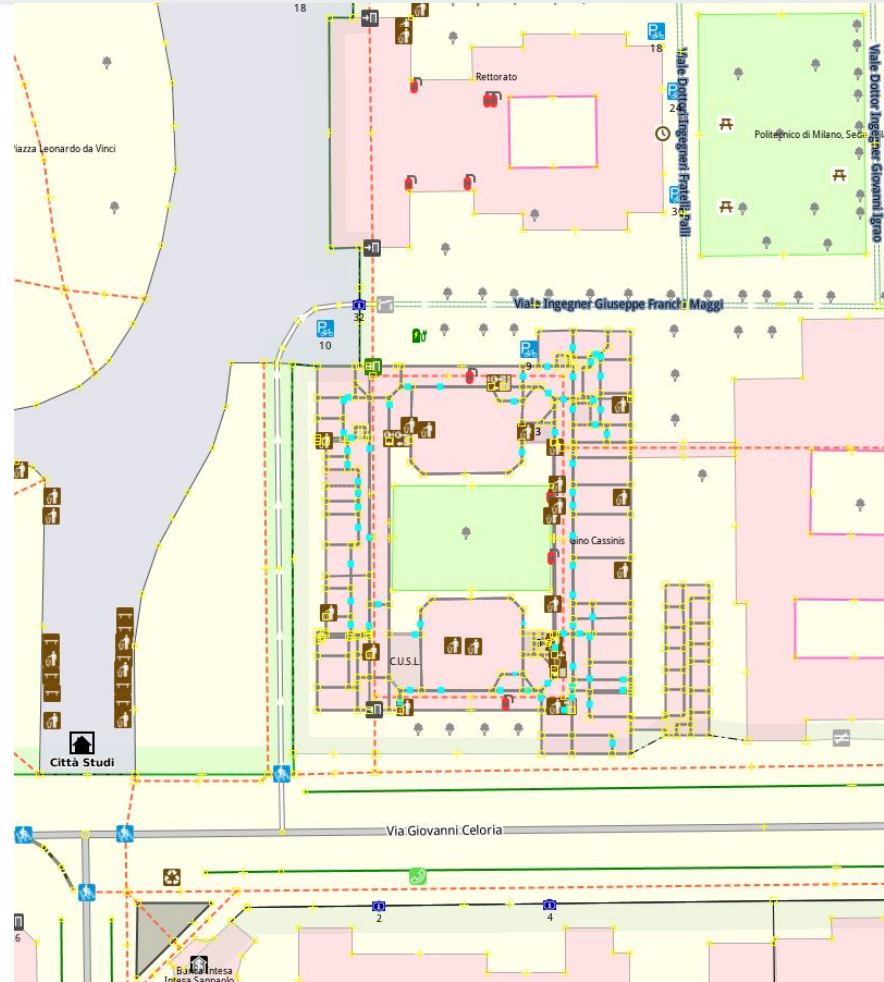
“OpenStreetMap is like
Wikidata for geographical
data”



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

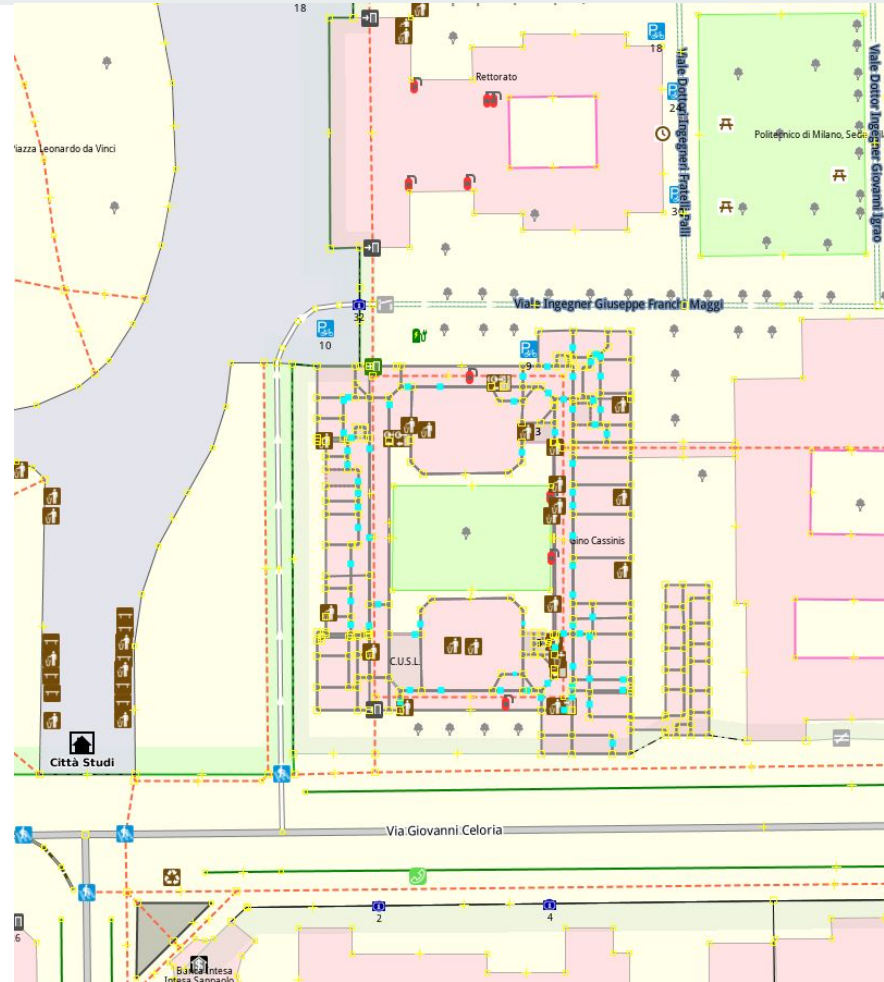


Wikidata has items,
statements, properties,
values, qualifiers, etc.



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.



- Main Page
 - The map
 - Map Features
 - Contributors
 - Help
 - Blogs
 - Shop
 - Donations
 - Recent changes
- Tools
- What links here
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 - Special pages
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 - Permanent link
 - Page information
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Tag:man_made=adit

Available languages — *Tag:man_made=adit* purge · Help
· čeština · Deutsch · **English** · español · français · polski · português · русский · 日本語 · 粵語

An **adit** is a (nearly) horizontal entrance to the underground, by which resources can be extracted or a mine can be entered, ventilated or drained of water. The visible portal of the adit is mapped as a node.

Tagging

man_made=adit

The adit itself. In case of a node, it is describing the entrance point at the surface.

resource=*

The resource that is or was extracted in the mine. Visit the resources page to view a list of common values.

operator=*

The operator of the adit, usually the operator of the surrounding mine.

length=*

length of the adit in meters (or other specified unit).

name=*

The name of the adit.

direction=*

pointing from the gallery outwards (useful only if the adit is mapped as a node)

All of these tags may coexist on a single node.

Rendering

Common symbol for an operating mine: hammer and pick



Description

A type of entrance to an underground mine which is horizontal or nearly horizontal.

Used on these elements



Useful combination

- **name=***
- **operator=***
- **resource=***
- **disused=***

See also

- **man_made=mineshaft**
- **historic=mine**
- **natural=cave_entrance**

Wikidata

Q58917

Status: in use

tagInfo [More...]

7971 0.65%

Tag definitions on the [OSM Wiki](#) link to [Wikipedia](#) and [Wikidata](#) to help clarify features.



- Main Page
- The map
- Map Features
- Contributors
- Help
- Blogs
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- Special pages
- Printable version
- Permanent link
- Page information
- Cite this page

[Create account](#) [Log in](#)

Page [Discussion](#) [Read](#) [View source](#) [View history](#)

Tag: `man_made=adit`

Available languages — *Tag: man_made=adit* [purge](#) [Help](#)
[Čeština](#) · [Deutsch](#) · **English** · [español](#) · [français](#) · [polski](#) · [português](#) · [русский](#) · [日本語](#) · [粵語](#)

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- `man_made=cave_entrance`

Wikidata

Q58917

Status: in use

[taginfo](#) [\[More...\]](#)

[7971](#) [0.65%](#)

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

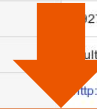
Relation: Politecnico di Milano, Sede Milano Leonardo (2143508)

added wikidata - see https://www.mediawiki.org/wiki/User:Yurik/OSM_wiki_tag_problems for auto-detected data problems, like disambigs and lists

Edited over 1 year ago by nyuriks
Version #18 · Changeset #47060516

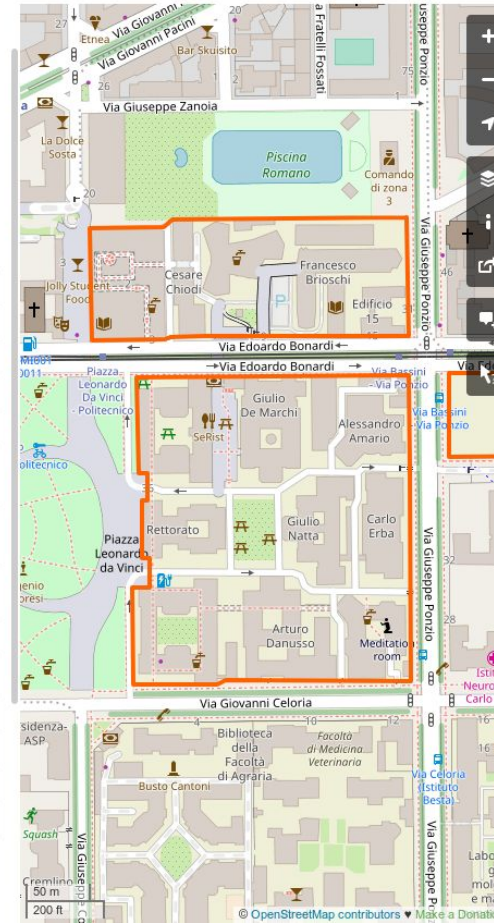
Tags

addr:city	Milano
addr:country	IT
addr:postcode	20133
amenity	university
isced:level	4
name	Politecnico di Milano, Sede Milano Leonardo
name:de	Polytechnikum Mailand, Sitz Mailand Leonardo
name:it	Politecnico di Milano, Sede Milano Leonardo
operator	Politecnico di Milano
start_date	1927
type	multipolygon
website	http://www.polimi.it/
wikidata	Q392904
wikipedia	it:Politecnico di Milano



Members

Way 160136233 as outer



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.

Weybridge

This is an **old revision** of this page, as edited by **80N** ([talk](#) | [contribs](#)) at 08:39, 20 March 2006 (Add map from [openstreetmap.org](#)). The present address (URL) is a **permanent link** to this revision, which may differ significantly from the **current revision**.
(diff) – [Previous revision](#) | [Latest revision \(diff\)](#) | [Newer revision](#) → (diff)

文A



Weybridge is a town in the [Elmbridge](#) district of [Surrey](#) in [South East England](#). It is bounded to the North by the [River Thames](#) at the mouth of the [River Wey](#), from which it gets its name.



Map of Weybridge (from OpenStreetMap.org)

Contents ▾

^ History

The early history of Weybridge was simply as a river crossing. In [1537](#) it became the location of [Oatlands Palace](#) built by [Henry VIII](#). When it was demolished in [1650](#), bricks from its walls helped to line the then new Wey Navigation. Part of the original site of the Palace is now occupied by Oatlands Park Hotel.

At the bottom of Monument Hill, close to the town centre is a monument to the Duchess of York, erected by public subscription in 1820 from the remains of the original [Seven Dials](#) Monument that stood in St.Martin's Lane London until 1773.

The famous former [Brooklands](#) Aerodrome and Race Circuit is located here, just south of the railway station. It is now the location for the Brooklands Museum. Brooklands was also the home

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 cafes - 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.

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.

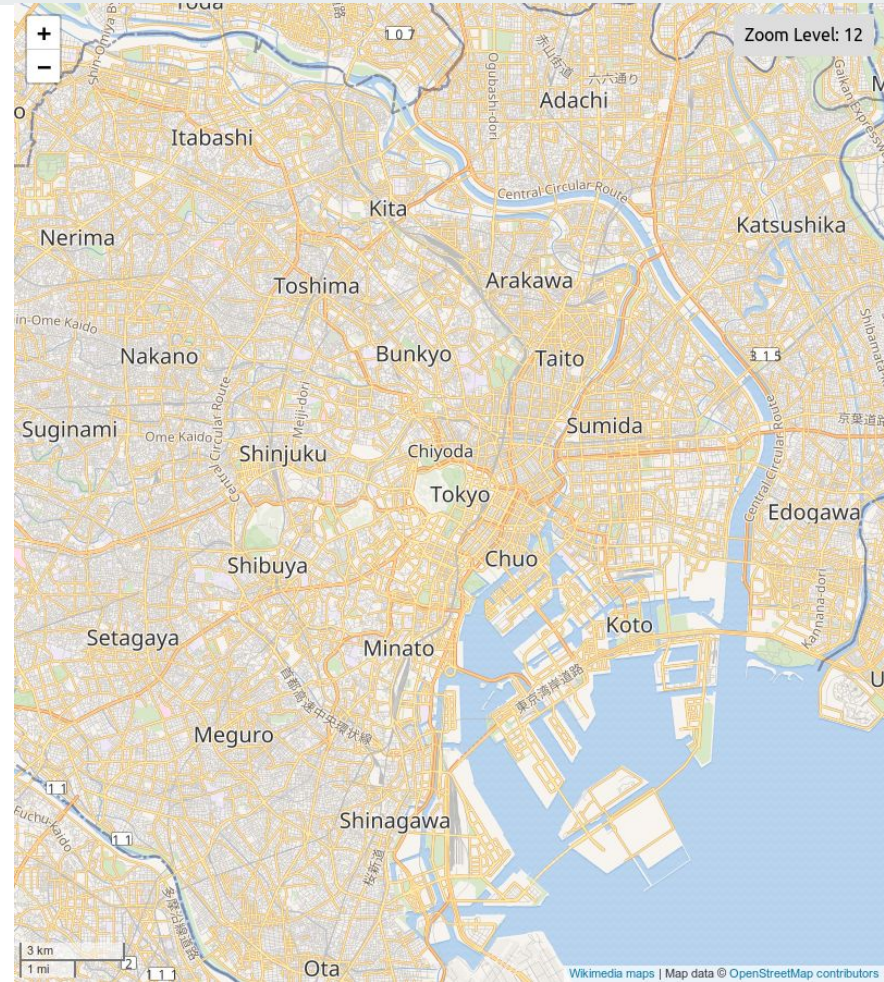


Map of Milan/Centro Storico



The Duomo metro station on M1 and M3

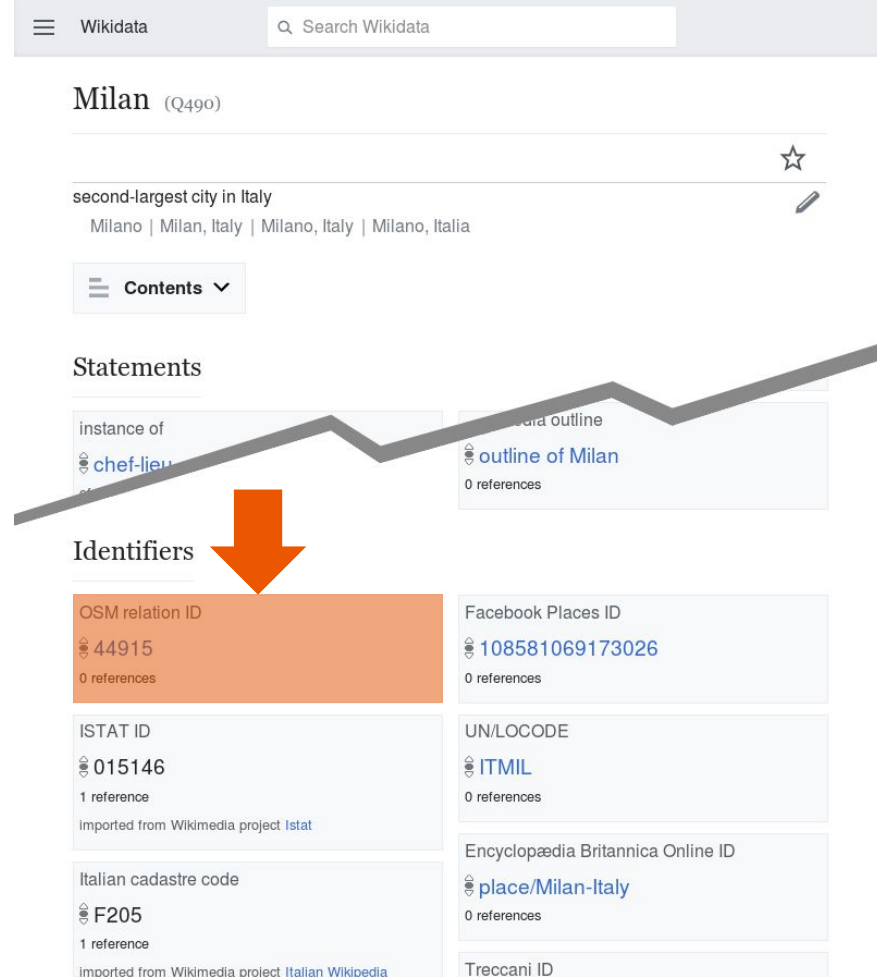
The Wikimedia Foundation recently released internationalized map tiles for Kartotherian, leveraging OSM's `name:*=*` tags.



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.



The image shows a screenshot of the Wikidata page for Milan (Q490). The page header includes the Wikidata logo and a search bar. The main content area displays the item name "Milan (Q490)" and its description "second-largest city in Italy". Below this, there is a "Contents" dropdown menu and a "Statements" section. A large orange arrow points from the "Statements" section down to the "Identifiers" section, specifically highlighting the "OSM relation ID" property. The "Identifiers" section lists several identifiers, including the OSM relation ID (44915), ISTAT ID (015146), Italian cadastre code (F205), Facebook Places ID (108581069173026), UN/LOCODE (ITMIL), Encyclopædia Britannica Online ID (place/Milan-Italy), and Treccani ID.

Wikidata

Search Wikidata

Milan (Q490)

second-largest city in Italy
Milano | Milan, Italy | Milano, Italy | Milano, Italia

Contents

Statements

instance of
chef-lieu
outline of Milan
0 references

Identifiers

OSM relation ID
44915
0 references

Facebook Places ID
108581069173026
0 references

ISTAT ID
015146
1 reference
Imported from Wikimedia project Istat

UN/LOCODE
ITMIL
0 references

Italian cadastre code
F205
1 reference
Imported from Wikimedia project Italian Wikipedia

Encyclopædia Britannica Online ID
place/Milan-Italy
0 references

Treccani ID

Wikidata items about features can link to “equivalent” OSM features using the OSM tag or key (P1282) property.


0 references


[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 Encyclopedia](#)
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

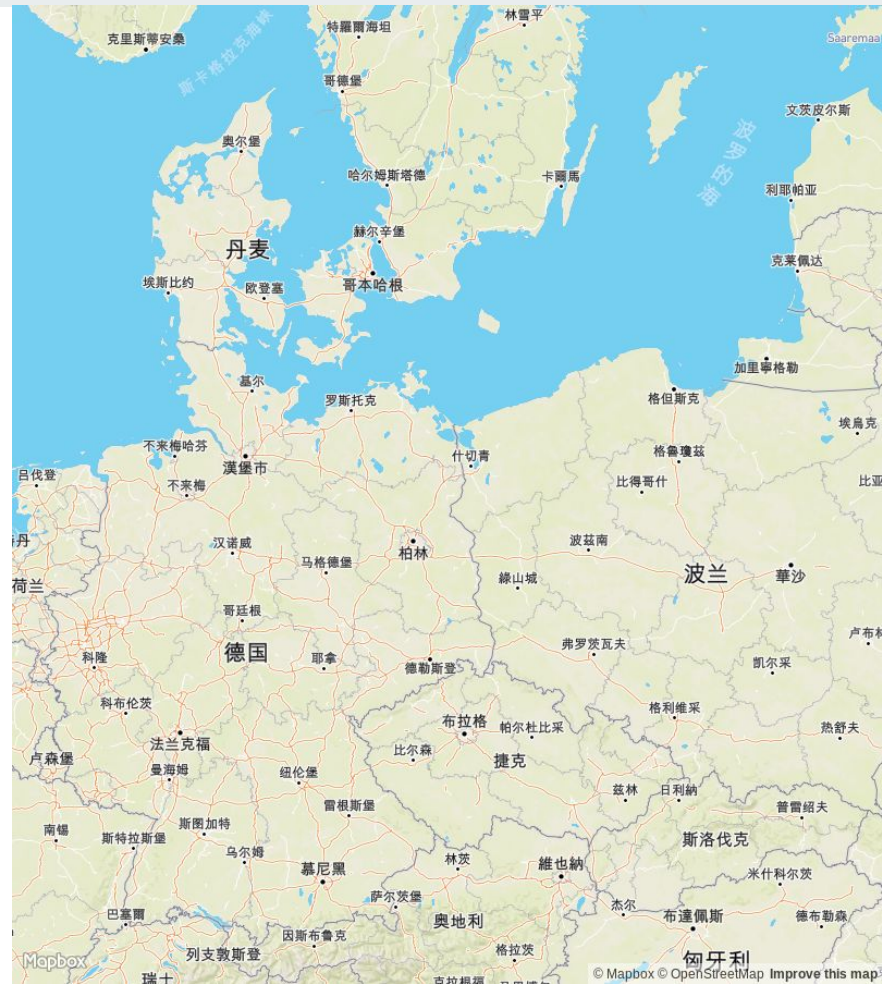
[light house](#)
0 references

properties for this type

Wikimedia–OSM Collaborations

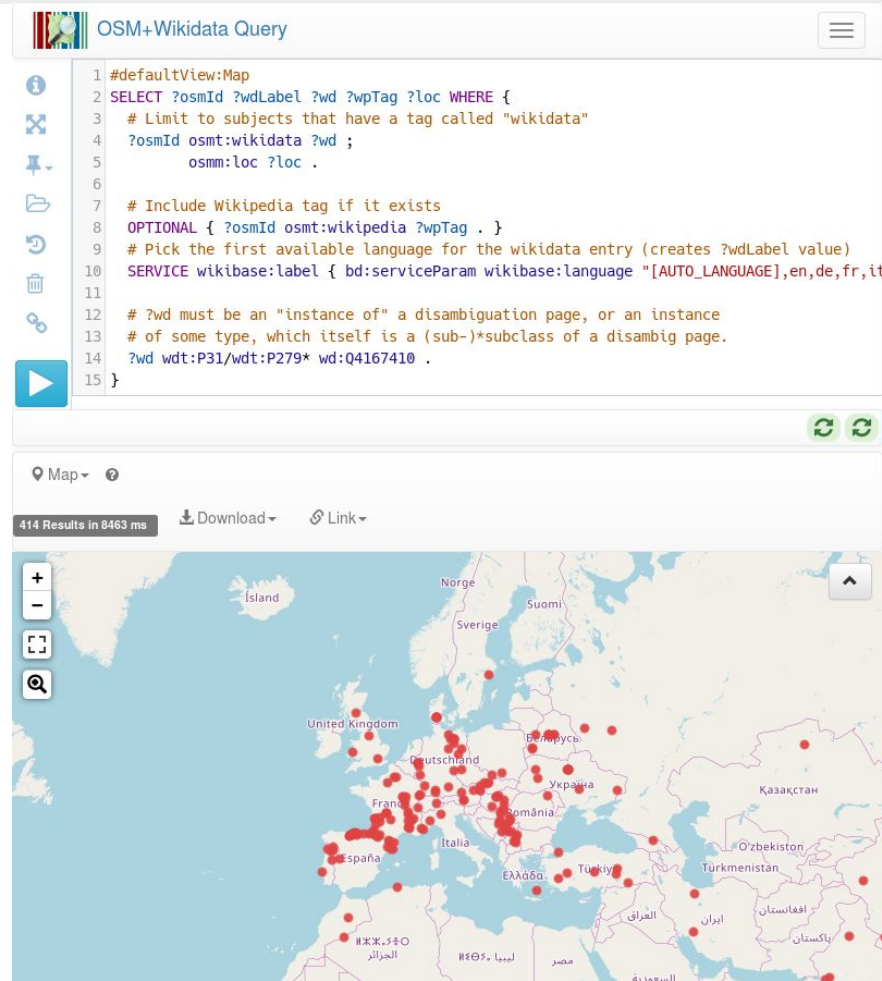
Mapbox uses Wikidata to help with the localization of their map products.

(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.)



The screenshot displays the OSM+Wikidata Query interface. At the top, the title "OSM+Wikidata Query" is visible. Below the title is a SPARQL query editor with the following code:

```
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,lt" . }
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 }
```

Below the query editor, there are icons for "Map", "Download", and "Link". The map shows a view of Europe with numerous red circular markers indicating the locations of OSM objects that match the query. The markers are densely clustered in Western and Central Europe, particularly in Germany, France, and the UK. The map interface includes standard navigation controls like zoom in (+), zoom out (-), and a search icon.

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.

Relation: Politecnico di Milano, Sede Milano Leonardo (2143508)

added wikidata - see https://www.mediawiki.org/wiki/User:Yurik/OSM_wiki_tag_problems for auto-detected data problems, like disambigs and lists

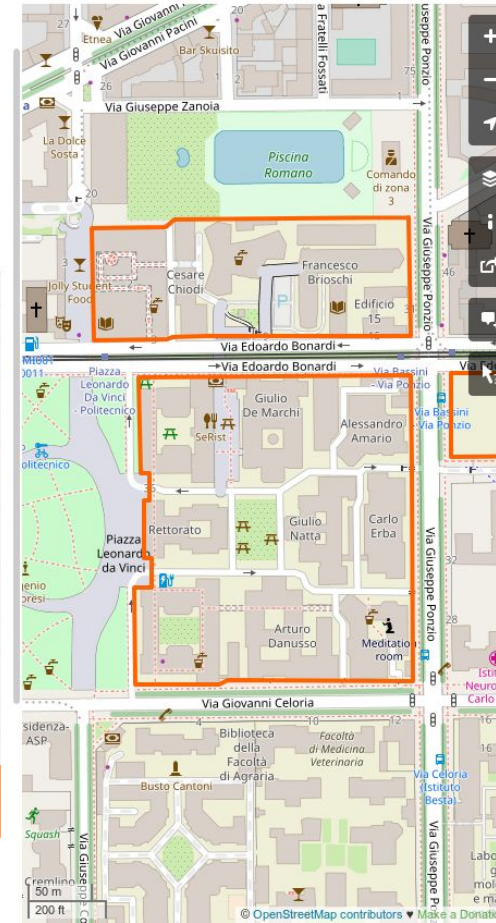
Edited over 1 year ago by nyuriks
Version #18 · Changeset #47060516

Tags

addr:city	Milano
addr:country	IT
addr:postcode	20133
amenity	university
isced:level	4
name	Politecnico di Milano, Sede Milano Leonardo
name:de	Polytechnikum Mailand, Sitz Mailand Leonardo
name:it	Politecnico di Milano, Sede Milano Leonardo
operator	Politecnico di Milano
start_date	1927
type	multipolygon
website	http://www.polimi.it/
wikidata	Q392904
wikipedia	it:Politecnico di Milano

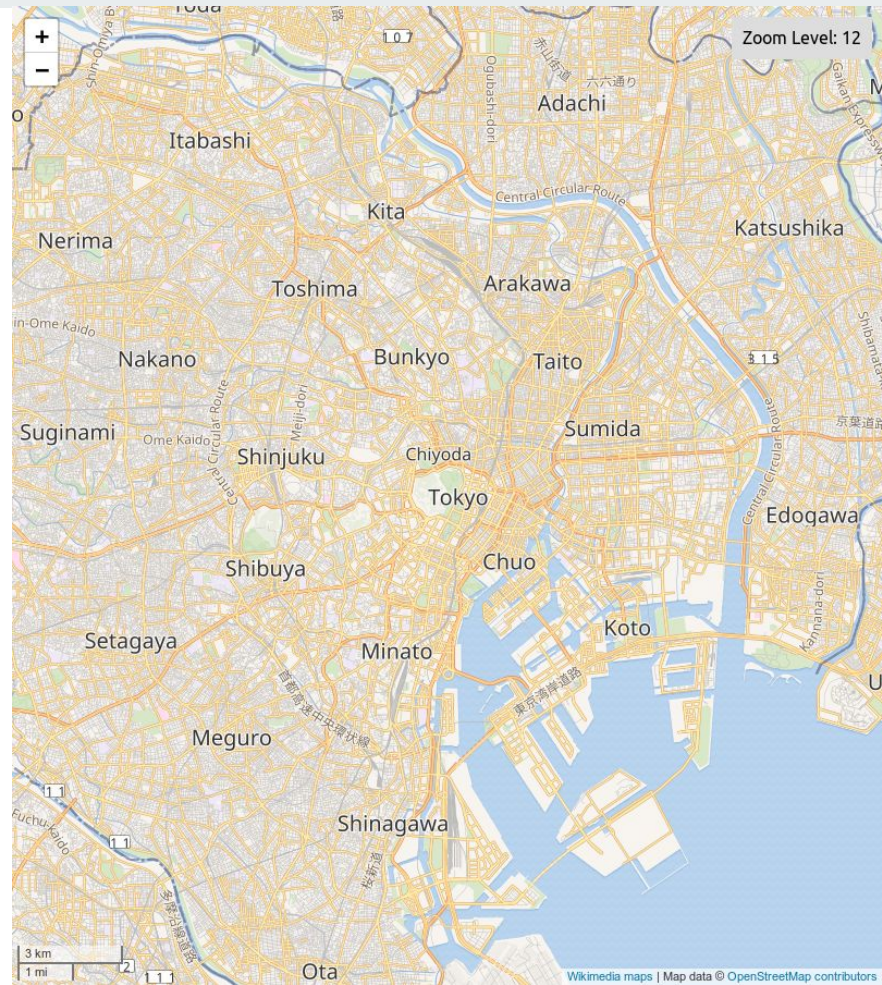
Members

Way 160136233 as user



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!