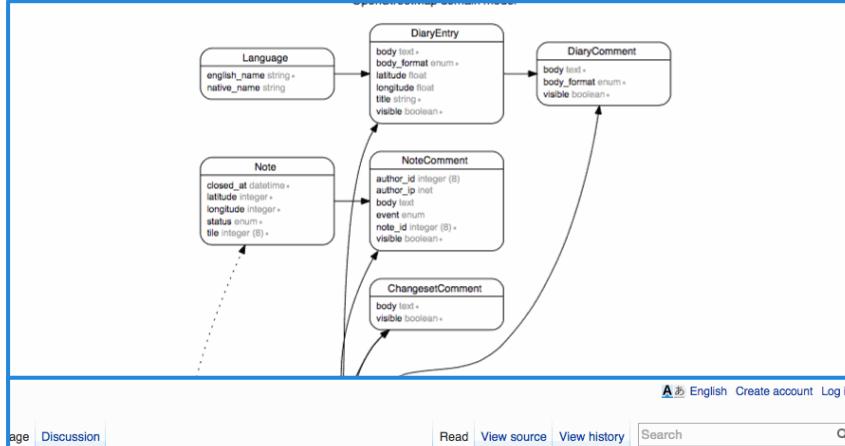


Peripheral Data in outside near alongside OpenStreetMap

State of the Map US 2015

Isn't OSM big enough for everything and everyone?

API database lists



API v0.6

Available languages – API v0.6

• English • português do Brasil • русский • 한국어 • 日本語

Other languages – Help us translate this wiki

API v0.6 is the *current* version of the OSM Editing API deployed 17-21 April 2009.

This page was updated in March 2012 to reflect small changes applied since then, and in April 2013 after the addition of the Map Notes API.

Contents [hide]

- 1 General information
 - 1.1 URL + authentication
 - 1.2 Elements
 - 1.3 Changesets
 - 1.4 Tans

lists.openstreetmap.org Mailing Lists

Welcome!

Below is a listing of all the public mailing lists on lists.openstreetmap.org. Click on a list name to get more information about the list, or to subscribe, unsubscribe, and change the preferences on your subscription. To visit the general information page for an unadvertised list, open a URL similar to this one, but with a '/' and the list name appended.

List administrators, you can visit [the list admin overview page](#) to find the management interface for your list.

If you are having trouble using the lists, please contact mailman@openstreetmap.org.

List Description

Accessibility	Accessibility
Announce	OpenStreetMap Announcements
design	[no description available]
dev	OpenStreetMap developer discussion
dev-fr	Discussions dévelopeur OSM en français
dev-italia	Discussiuni OpenStreetMap per sviluppatori - in italiano
diversity-talk	Discussions on improving diversity in the OSM community
Geocoding	Discussion of geocoding
GraphHopper	GraphHopper Java routing engine
Historic	Explorations of an OpenStreetMap Approach to Historic Mapping
HOT	Humanitarian OpenStreetMap Team
Hot-announce	Important HOT announcements and updates only. Very low volume.
Hot-francophone	Humanitarian OpenStreetMap Team en français
Imports	[no description available]
Imports-us	US Import Committee Discussion List
josm-dev	JOSM developer mailing list
Learnosm-coord	[no description available]
Legal-general	General discussions about alternative OSM licensing scenarios.
legal-talk	Licensing and other legal discussions.
Local-chapters	General discussion of topics relevant for (local) chapters of the OSM Foundation
LordDux-dev	LordDux developers
Mapes	MapCSS implementers and stylesheet authors
ManRoulette	ManRoulette general discussion and development

... not always. Where do these fit?

bulk imports

3D models

authoritative datasets

photos/imagery

ephemeral data

temporal data

Panel participants/projects

Ian Dees → [OpenAddresses](#)

Jan Erik Solem → [Mapillary](#)

Diana Shkoldnikov → [Borders](#)

Jereme Monteau → [OpenTrails](#)

Drew Dara Abrams → [Transitland](#)

Questions for each participant/project

- What led you and your collaborators to create a new project separate from OSM proper?
- How does the project integrate technically with OSM in terms of data models, APIs, ID schemes, or editors?
- How does the project connect with OSM's community in terms of audience, user accounts, lists, or workflows?
- Do you recommend any of these patterns to others?

OpenAddresses → openaddresses.io

openaddresses / openaddresses

branch: master

openaddresses / sources / us-il-city_of_chicago.json

iandeens on Mar 3 Update us-il-city_of_chicago.json

3 contributors

26 lines (25 sloc) | 0.681 kb

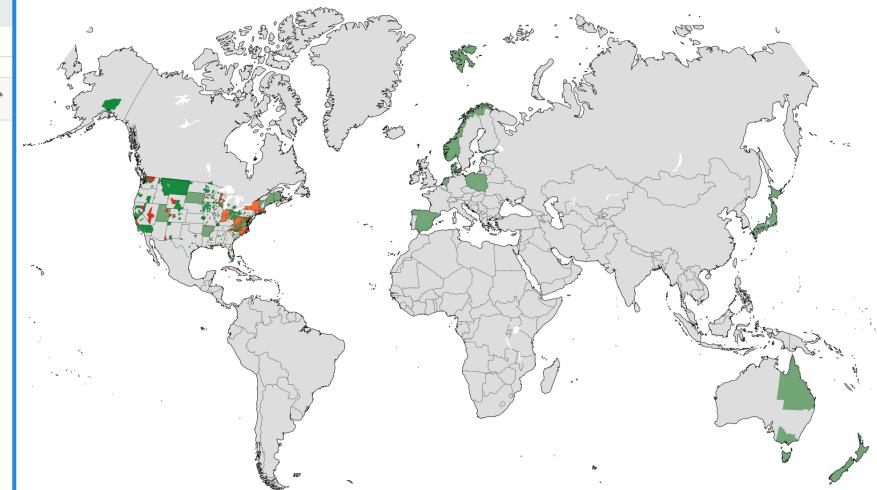
```
1 {  
2   "coverage": {  
3     "US Census": {  
4       "geoid": "1714000",  
5       "place": "Chicago city",  
6       "state": "Illinois"  
7     },  
8     "country": "us",  
9     "state": "il",  
10    "place": "Chicago"  
11  },  
12  "data": "https://datacatalog.cookcountyl1.gov/api/geospatial/jev2-4wjs?method=export&format=Original",  
13  "note": "Cook county addresses within the city of Chicago",  
14  "type": "http",  
15  "compression": "zip",  
16  "conform": {  
17    "type": "shapefile",  
18    "lon": "LONGITUDE",  
19    "lat": "LATITUDE",  
20    "number": "ADDRNOCOM",  
21    "street": "STNAMECOM",  
22    "city": "PLACENAME",  
23    "postcode": "ZIP5"  
24  }  
25 }
```

This is a summary view of [OpenAddresses data](#). **127,093,953 addresses** were processed Friday, May 29, 2015. Out of 835 total sources, **625 were completed**. 122 sources failed cache, 88 cached but not processed. To help complete more sources, look for "missing conform" below and add a [conform object](#) based on the included sample data.

The latest summary can always be found at [data.openaddresses.io](#).

A plain text version of data on this page can be found at [state.txt](#).

Show World | Show United States | Show Europe



Name	Type	Cached?	Processed?	Problems
ca-on-west_parry_sound	esri	—	—	cache failed (log) No sample data (log)
ca-qc-gatineau	http	—	—	cache failed (log) No sample data (log)
ca-sk-saskatoon	http	—	—	source says to skip No sample data (log)
kr-seoul-chongnogu-new	http	—	—	source says to skip No sample data (log)
kr-seoul-chunggu-new	http	—	—	source says to skip No sample data (log)

Mapillary → mapillary.com



Destination... Search

Södra Skäppbron, Gävle
Oct 1, 2014 • jesolem

Try the new vector map view! BETA

Germany

Latest activity

- 2 hours ago **zuse** got 4 blurs approved
- 2 hours ago **zoegglmeyr** got 3 blurs approved
- 3 hours ago **bongo** got 1 blurs approved
- 3 hours ago **pkoby** got 2 blurs approved

See more

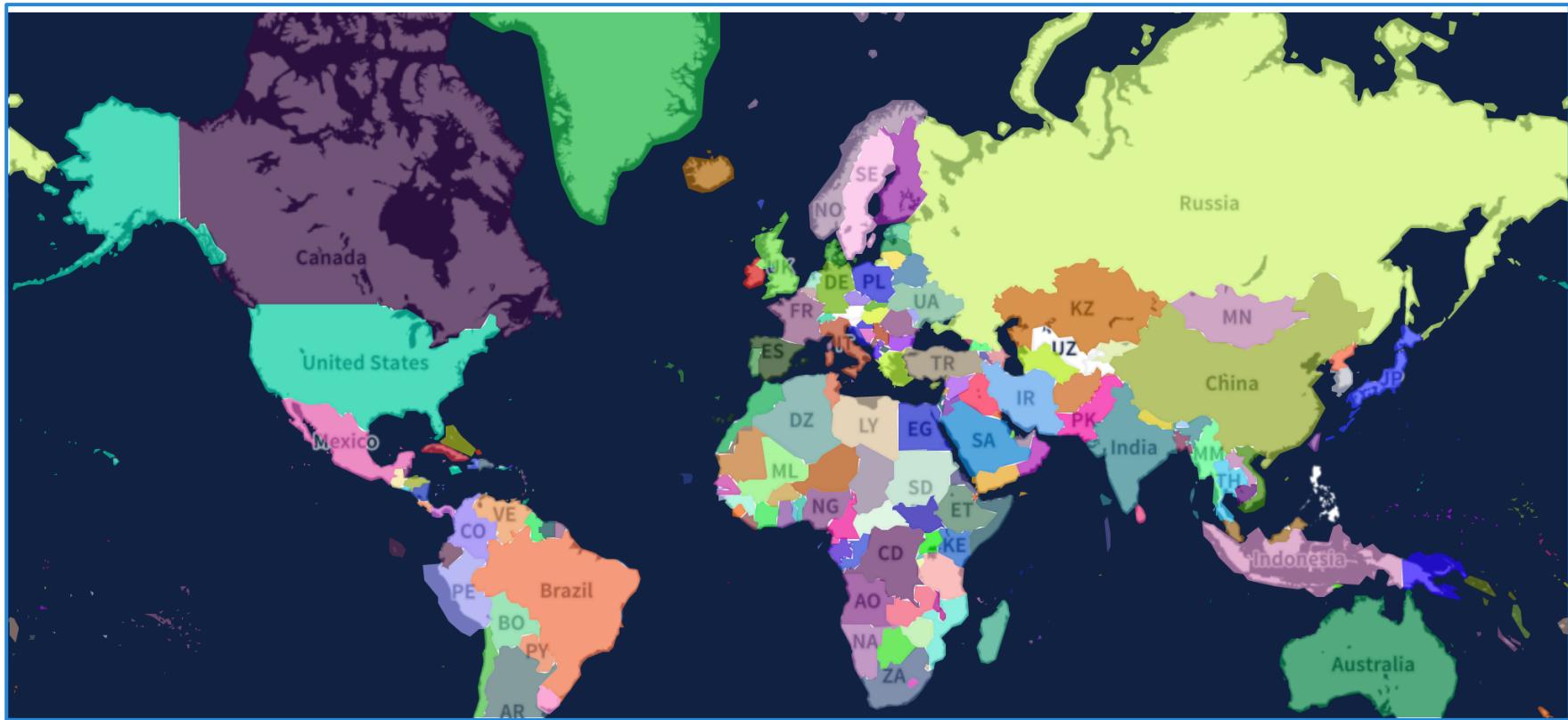
Mapbox OpenStreetMap Improve this map!

ghz 448943 , bilnapper 135467 , chuck 118551 - the top 3 contributors in Germany.

Beautiful sequences from Germany



Borders



OpenTrails → opentraildata.org

OPEN TRAIL SYSTEM SPECIFICATION

[Read Working Draft](#)[Get Sample Data](#)

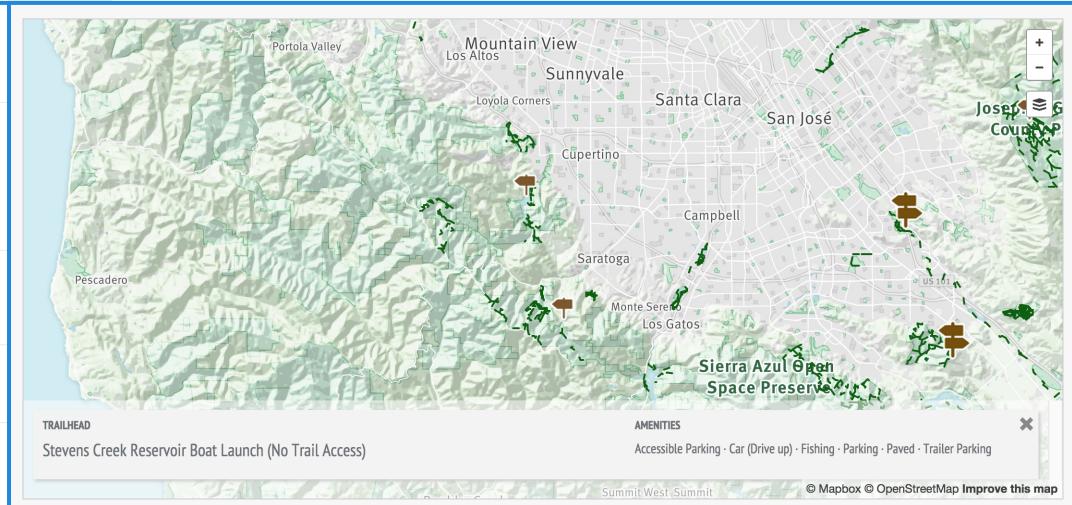
Table of Contents

[trail_segments.geojson](#)
[named_trails.csv](#)
[trailheads.geojson](#)
[stewards.csv](#)
[areas.geojson](#)

trail_segments.geojson

Required

NAME	TYPE	REQ'D?	SUMMARY
<code>id</code>	string	yes	A unique identifier assigned by the data producer. The "Named Trails" described in <code>named_trails.csv</code> are constructed with arrays of trail segments, identified via this field.
<code>steward_id</code>	string	yes	id of agency or organization responsible for trail maintenance, regulation, and safety. These values are defined in stewards.csv
<code>motor_vehicles</code>	string-encoded boolean		A judgement as to the appropriate use of OHV, ATVs, and snowmobiles on this trail segment.
<code>foot</code>	string-encoded boolean		Indicates whether walking and hiking is an appropriate use of this trail segment.
<code>bicycle</code>	string-encoded boolean		Indicates whether general bicycling is an appropriate use of this trail segment.
<code>horse</code>	string-encoded boolean		Indicates whether horseback riding or equestrian travel is an appropriate use of this trail segment.



OpenTrails → opentraildata.org

What led you and your collaborators to create a new project separate from OSM proper?

- Designed for authoritative, self published data from agencies.
- Public domain required by feds and most public agencies.
- Ease of adoption, just files, instead of an API or existing schema.

OpenTrails → opentraildata.org

How does the project integrate technically with OSM in terms of data models, APIs, ID schemes, or editors?

- Models map nodes and ways.
- Some fields map to tags.
- Arbitrary OSM Tags field for portability.

OpenTrails → opentraildata.org

How does the project connect with OSM's community in terms of audience, user accounts, lists, or workflows?

- Lots of trail mappers on OSM, some are with agencies.
- Have done some integration via OuterSpatial and OAuth to publish
- Social trails project uses fixme tags to feed into tasking systems.

Questions for each participant/project

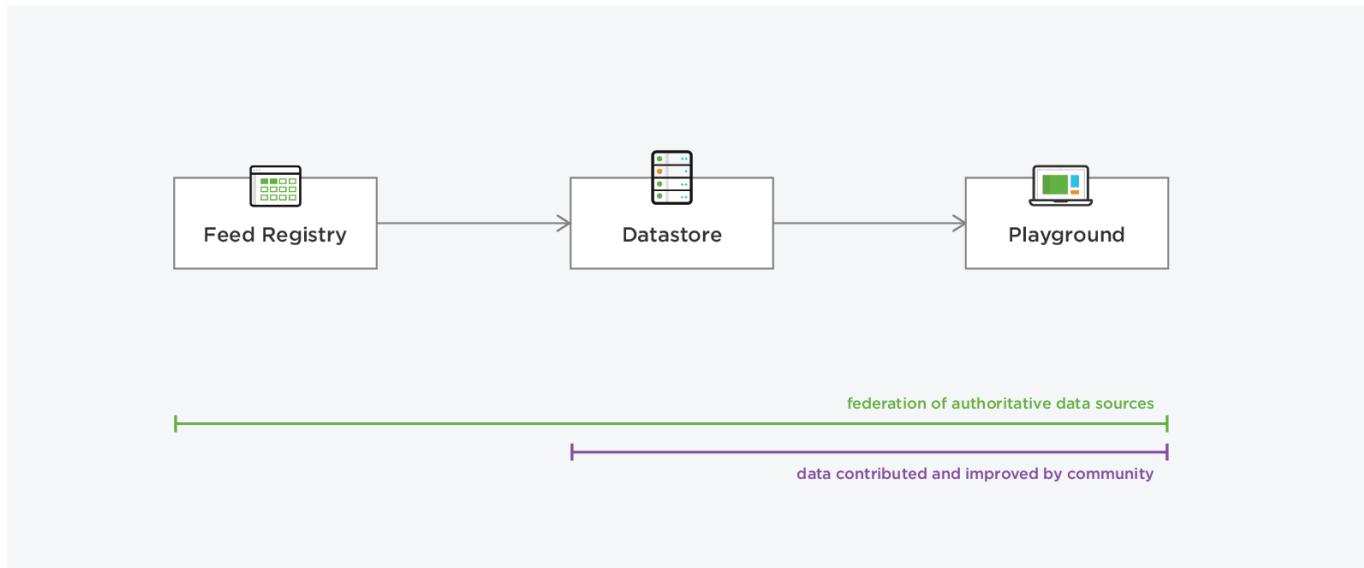
Do you recommend any of these patterns to others?

- Absolutely consider prior work when building standards.
- Build for interoperability from the beginning.
- Consider how tags are already being used for the domain.

Transitland → transit.land



A community-edited data service aggregating transit networks across metropolitan and rural areas around the world.

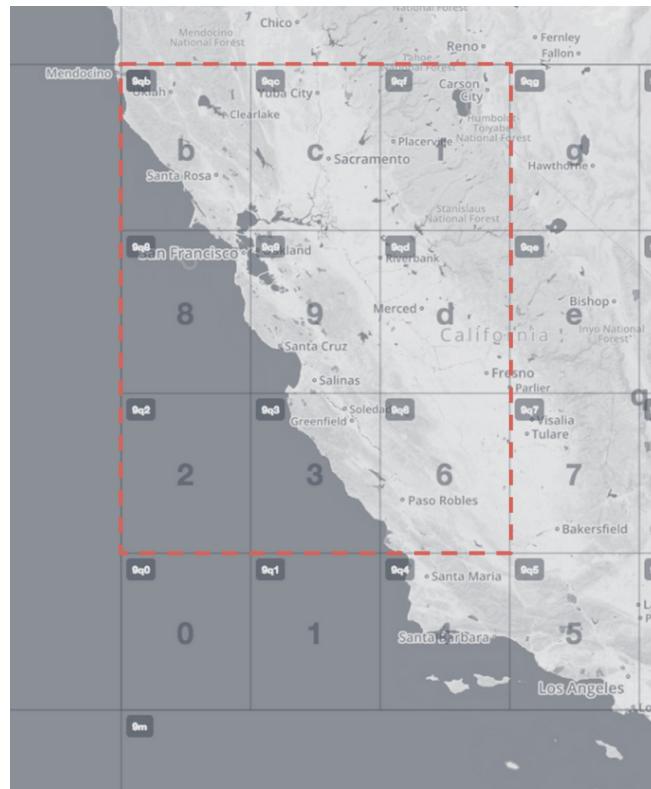


Transitland: the Onestop ID scheme

entities:

- feeds (GTFS)
- operators/agencies
- stops/stations
- routes

entity	geohash	name
o	9q9	BART



Using Onestop IDs to loosely link Transitland, OSM, and transit feeds

```
- stops: [
  - {
    - identifiers: [
      "gtfs://f-9q8y-sanfranciscomunicipaltransportationagency/s/4165"
    ],
  }
]
```

```
onestop_id: "s-9q8yv9ypqv-341corbettave"
```

```
stop_lon: "-122.445075",
stop_name: "341 Corbett Ave"
},
cre
upd
- operators_serving_stop: [
  - {
    operator_name: "San Francisco Municipal Transportation Agency",
    operator_onestop_id: "o-9q8y-sanfranciscomunicipaltransportationagency"
  }
],
- routes_serving_stop: [
  - {
    operator_name: "San Francisco Municipal Transportation Agency",
    operator_onestop_id: "o-9q8y-sanfranciscomunicipaltransportationagency",
    route_name: "37",
    route_onestop_id: "r-9q8yv-37"
  }
]
},
```

Panel discussion, audience questions, etc., etc. Thanks, all, for your time!