



MAPZEN



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

Drew Dara-Abrams, Ph.D.
along with many colleagues at Mapzen

an open-source mapping lab

Mapzen builds open-source mapping tools and collaborates on open geodata initiatives.



[Tangram 3D map rendering engine](#)

an open-source mapping lab

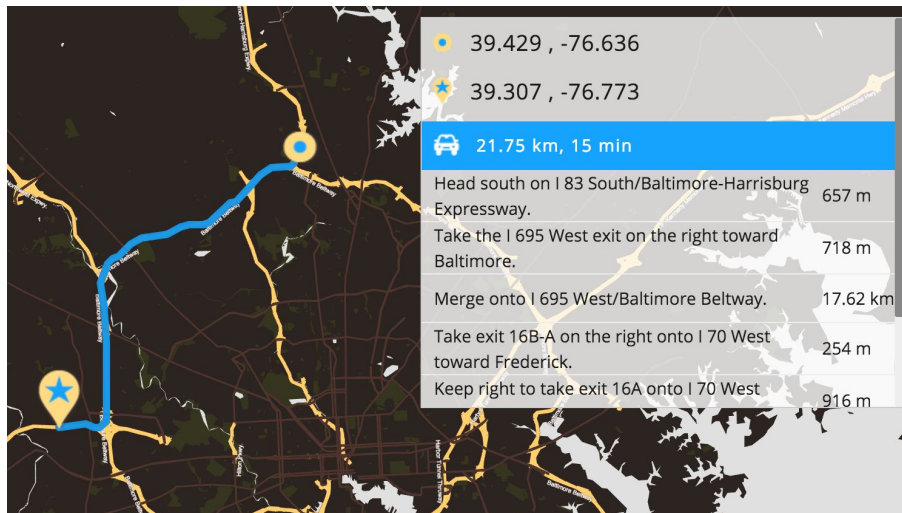
Mapzen builds open-source mapping tools and collaborates on open geodata initiatives.



[Mapzen Search geocoder](#)

an open-source mapping lab

Mapzen builds open-source mapping tools and collaborates on open geodata initiatives.



[Mapzen Turn-by-Turn routing engine](#)



HOME

HOW IT WORKS

FEED REGISTRY

PLAYGROUND

NEWS & UPDATES

A COMMUNITY-EDITED DATA SERVICE



AGGREGATING



TRANSIT NETWORKS

ACROSS METROPOLITAN



AND RURAL

AREAS AROUND THE WORLD.



Example IDs from GTFS feeds

agency_id,agency_name,agency_url,agency_timezone,agency_lang

SFMTA,San Francisco Municipal Transportation Agency,<http://www.sfmta.com>,America/Los_Angeles,en

stop_id,stop_name,stop_desc,stop_lat,stop_lon,zone_id,stop_url

5727,Metro Civic Center Station/Downtn, ,37.778542,-122.414813, ,

route_id,agency_id,route_short_name,route_long_name,route_desc,route_type,route_url,route_color,route_text_color

1093,SFMTA,N ,JUDAH, ,0, , ,

agency_id,agency_name,agency_url,agency_timezone,agency_lang

BART,Bay Area Rapid Transit,<http://www.bart.gov>,America/Los_Angeles,en

stop_id,stop_name,stop_desc,stop_lat,stop_lon,zone_id,stop_url,location_type,parent_station,stop_timezone,wheelchair_boarding

CIVC,Civic Center/UN Plaza,,37.779528,-122.413756,CIVC,<http://www.bart.gov/stations/CIVC/>,0,,,1

route_id,agency_id,route_short_name,route_long_name,route_desc,route_type,route_url,route_color,route_text_color


07,BART,,Richmond - Daly City/Millbrae,,1,<http://www.bart.gov/schedules/bylineresults?route=7>,ff0000,

How many GTFS entity IDs could there be?



Transitland's Onestop ID scheme

entity geohash name



o-9q9-BART

Onestop ID for feeds and operators

feeds

f-9q9-BART

operators

o-9q9-BART

stops

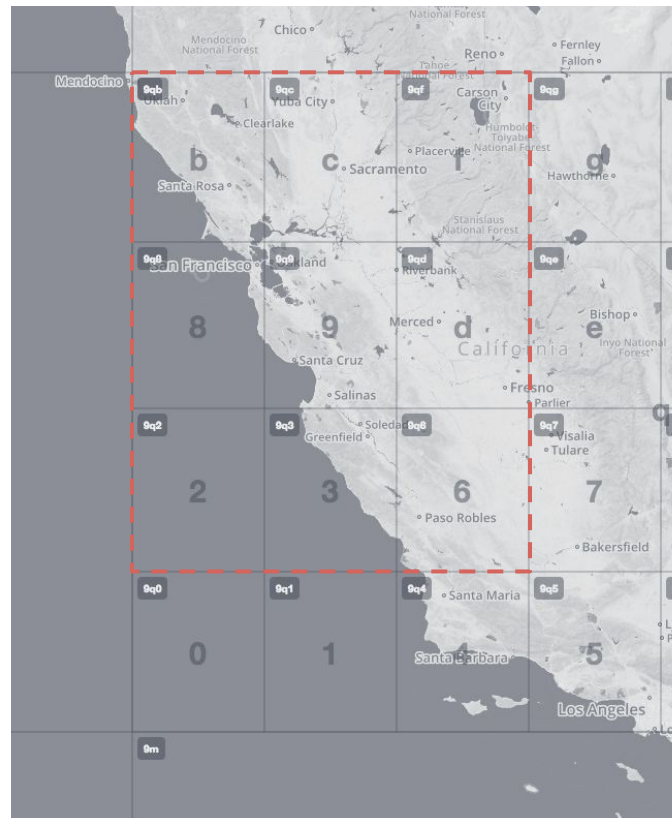
s-9q8yyt-CivicCenter~UNplaza

s-9q8yyt-CivicCenter~UNplaza>8thSt

s-9q8yyt-CivicCenter~UNplaza<2

routes

r-9q9n-fremont~dalycity



Onestop ID for stops

feeds

f-9q9-BART

operators

o-9q9-BART

stops

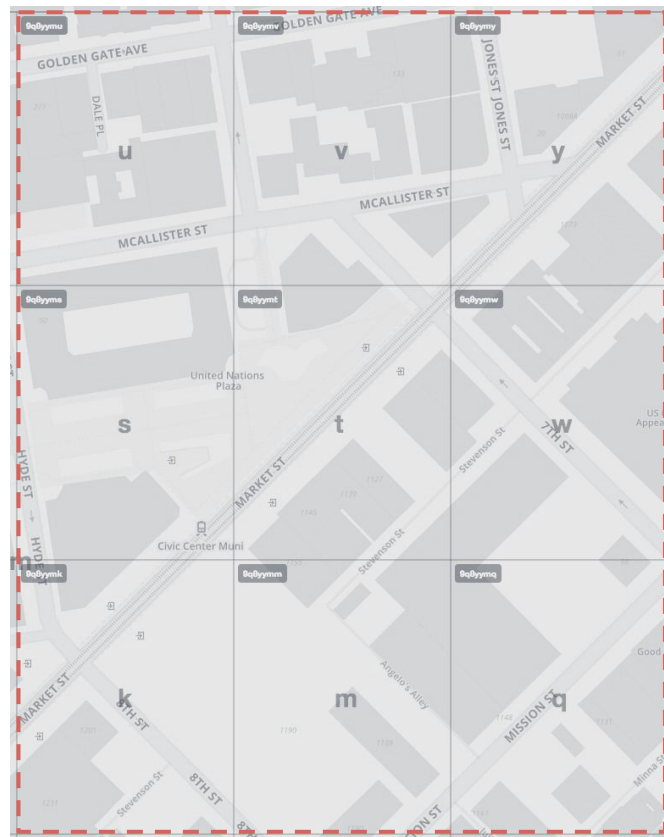
s-9q8yyt-CivicCenter~UNplaza

s-9q8yyt-CivicCenter~UNplaza>8thSt

s-9q8yyt-CivicCenter~UNplaza<2

routes

r-9q9n-fremont~dalycity



Onestop ID for routes

feeds

f-9q9-BART

operators

o-9q9-BART

stops

s-9q8yyt-CivicCenter~UNplaza

s-9q8yyt-CivicCenter~UNplaza>8thSt

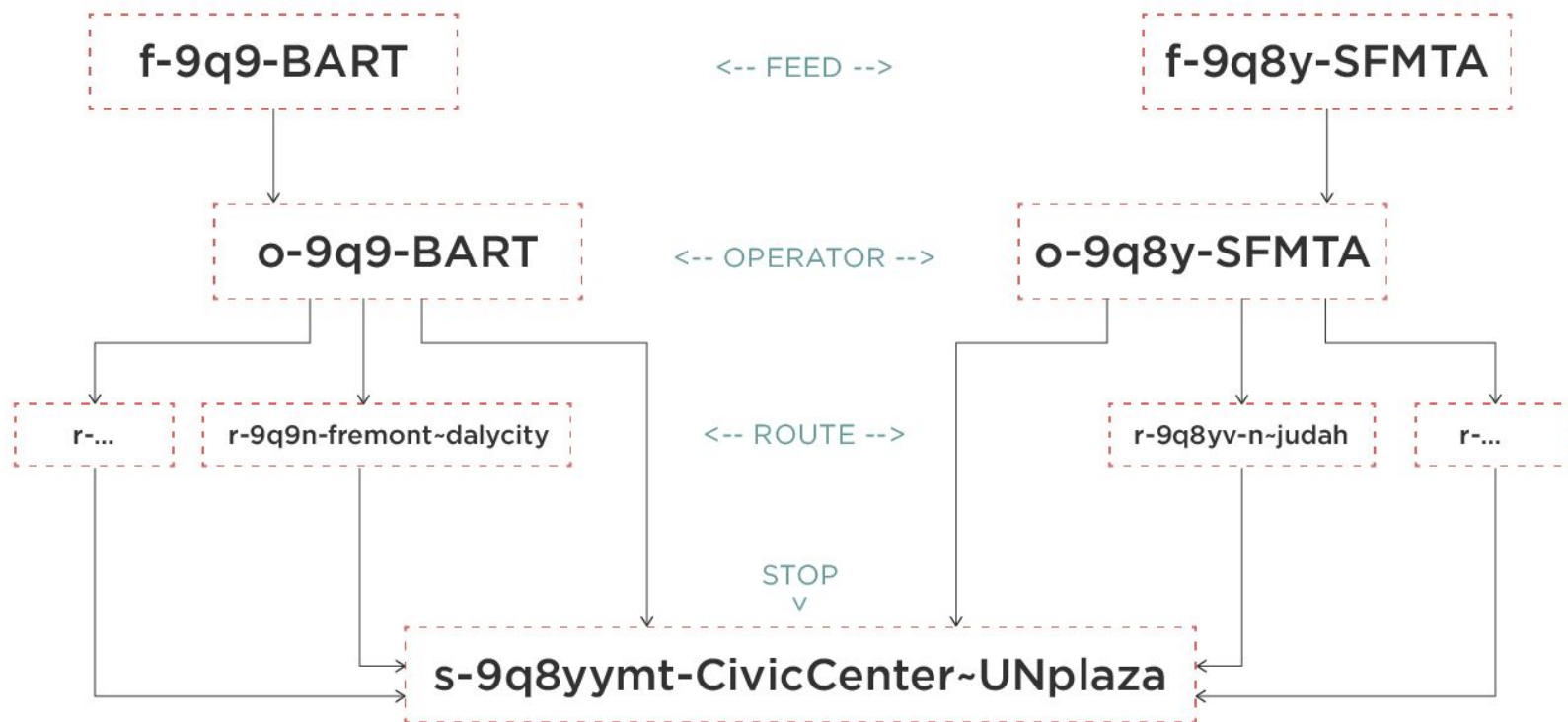
s-9q8yyt-CivicCenter~UNplaza<2

routes

r-9q9n-fremont~dalycity



Onestop ID to represent relationships



live demos

FEED REGISTRY

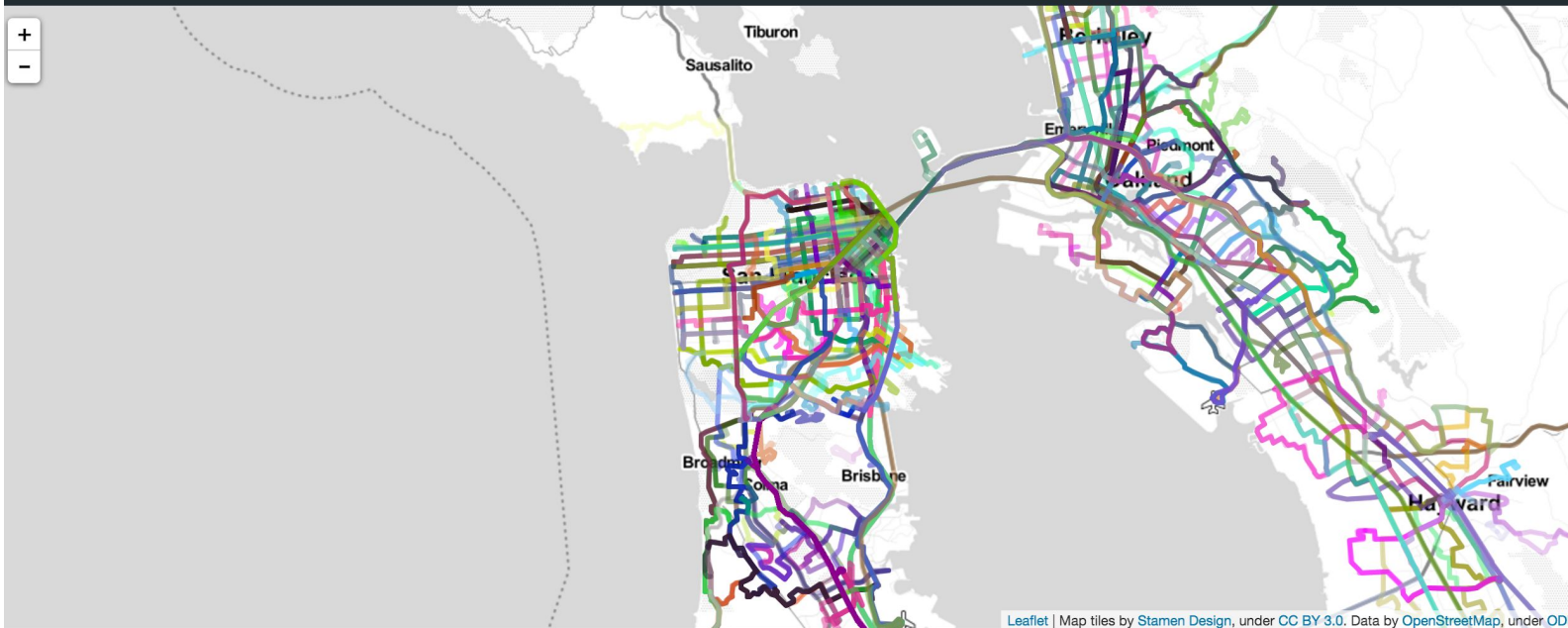
The Feed Registry lists all the transit operators and feeds included in Transitland. See what each feed's license will allow you to do with it and click through to get more details about the data included in the feed.

1 country 9 agencies

Agency Name	Region	State	Country	License	License Details
Alameda-Contra Costa Transit District (AC Transit)	San Francisco Bay Area	California	United States	Creative Commons Attribution 3.0 Unported License (with extra terms)	  
Bay Area Rapid Transit (BART)	San Francisco Bay Area	California	United States		  
Caltrain	San Francisco Bay Area	California	United States		  
MTA New York City Transit (NYCT)	New York City	New York	United States		  
New York City Department of Transportation (NYC DOT)	New York City	New York	United States		  
Port Authority Trans-Hudson (PATH)	New York City	New York	United States		  

SHOW ME ROUTES ▾ BY ▾ MAP VIEW ▾

RUN QUERY



Download CSV

Download JSON

→ <https://transit.land/playground>



→ <https://transit.land/news/2015/11/13/schedule-api.html>

ADD A TRANSIT FEED

Upload feed

Add operator(s)

License info

Submit

Ready to start adding a feed to Transitland? Step #1 is to find the URL for a GTFS feed. The feed should live on a transit authority's server or another authoritative source.

GTFS feed URL

After this feed is added to Transitland, our servers will periodically check this URL for updates

Cancel

Next >

currently in private beta testing

We welcome your involvement

Read more about Transitland

<https://transit.land>

Try the Playground data explorer

<https://transit.land/playground>

Join the beta test to submit your agency's GTFS feed

transitland@mapzen.com

Follow us on Twitter
[@transitland](https://twitter.com/transitland)

Or drop me a note
drew@mapzen.com