



#### **MAPZEN**

an open-source mapping lab

builds open-source mapping tools and

collaborates on open geodata initiatives



#### 30 W 26th St, NY

SEARCH



City Address State Zip New York 30 W 26th St 10010 NY SEARCH Capitol at Chelsea Bombay Sandwich Chelsen airway Landmark

new yo

SEARCH

New York, NY

Pennsylvania Station New York, NY

New York University, New York, NY

New York Penn Station, New York, NY

A your current location

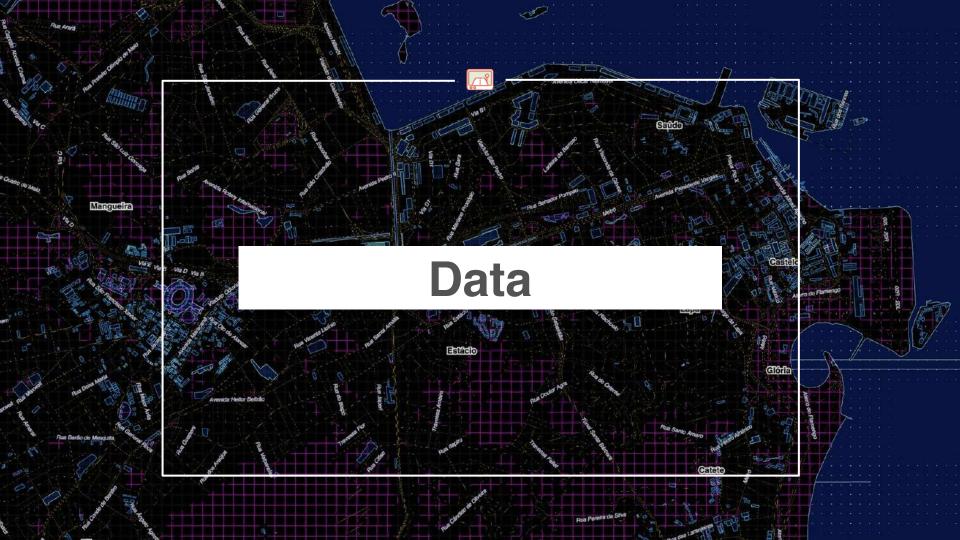
SEARCH

30 West 26th Street, Manhattan, NY

Hill Country Barbecue Market, Manhattan, NY

Samsung Accelerator, Manhattan, NY

Hanjan, Manhattan, NY



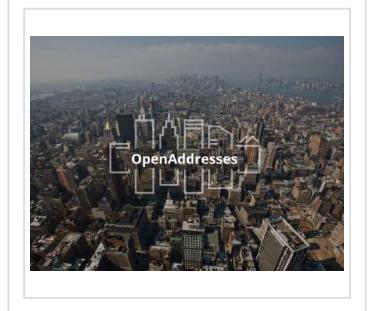
# **Open Data: WHY?**

# **FREE**

Accessible

Community maintained

#### **Open Data: WHERE?**



# **OpenAddresses**

openaddresses.io

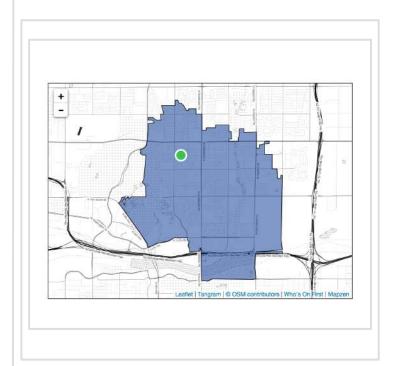
# **Open Data: WHERE?**



# **OpenStreetMap**

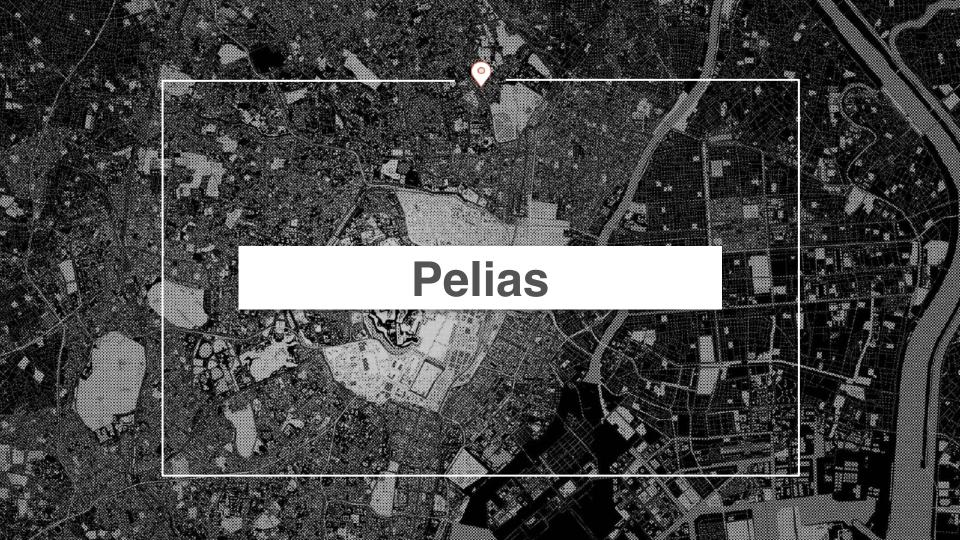
openstreetmap.org

### **Open Data: WHERE?**



# Who's On First

whosonfirst.mapzen.com

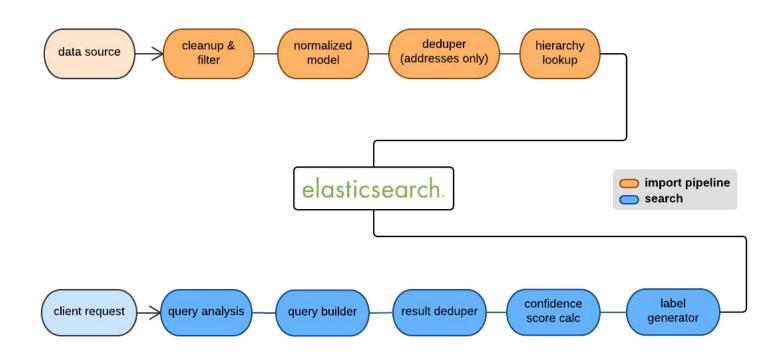


#### **Pelias**

#### **Architecture**



#### **Architecture**

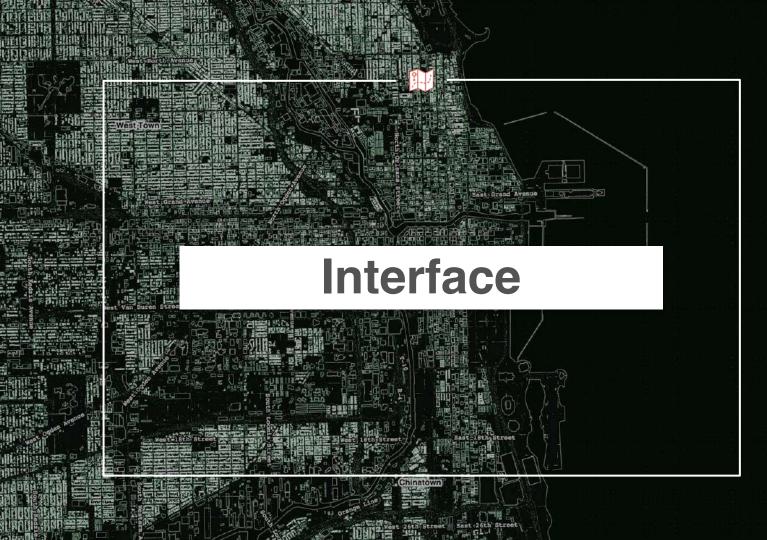


#### **Open Source Project**

pelias.io

[code] https://github.com/pelias/pelias

[chat] https://gitter.im/pelias/pelias



# /autocomplete

typeahead suggestions
best for incomplete input

# /search

full text search queries
best for complete input

# /search/structured

componentized text search queries best for form-data input

# /reverse

provide address or venue at a given location can also be used to determine admin hierarchy

# /place

retrieve details of a place using an ID previously returned by a query

#### size

number of results to return

#### sources

openstreetmap, openaddresses, geonames, whosonfirst

#### layers

address, venue,
neighbourhood, borough, locality,
localadmin, county, macrocounty,
region, marcoregion, country
coarse

#### boundary.country

limits results to those only in the specified country

#### boundary.circle / boundary.rect

limits results to those only in the specified geometry

#### **Context**

#### focus.point

geolocation for focusing results



# Mapzen Search

#### Mapzen Search

☑ Batch processing script

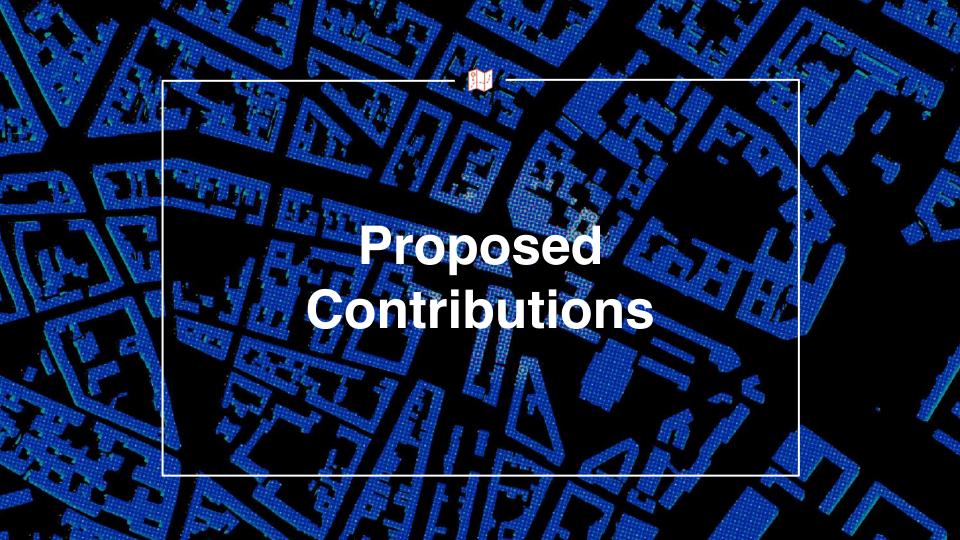
#### Mapzen Search

```
[API] https://search.mapzen.com/v1

[docs] https://mapzen.com/documentation/search

[demo] https://mapzen.com/projects/search

[support] search@mapzen.com
```



# **Proposed Contributions**

OpenAddresses data management tools

# **Proposed Contributions**

#### **Proposed Contributions**



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# contacts