
OPEN STREET MAPS DATA WRANGLING

Map choice

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I started by choosing the right map. I wanted a map set nearby Trieste (Italy), so I found the following OSM extracts:

| Region | XML Size (unzipped) | Node count | Link |
|--------------------------------------|---------------------|--|---|
| Slovenia | 892 MB | {'bounds': 1, 'member': 144 906, 'nd': 5 141 228, 'node': 4 604 757, 'relation': 5795, 'tag': 1055672, 'way': 313052} | http://download.geofabrik.de/europe/slovenia.html |
| Croatia | 1478 MB | {'bounds': 1, 'member': 117 820, 'nd': 8 755 118, 'node': 7 554 292, 'relation': 9 555, 'tag': 1 499 383, 'way': 665 066} | http://download.geofabrik.de/europe/croatia.html |
| Friuli Venezia Giulia (Italy) | 1735 MB | {'bounds': 1, 'member': 96 694, 'nd': 10 038 201, 'node': 8 586 871, 'relation': 7 722, 'tag': 3 340 201, 'way': 911 748} | http://geodati.fmach.it/gfoss_geodata/osm/italia_osm.html |
| Venice (Italy) | 1575 MB | {'bounds': 1, 'member': 44 438, 'nd': 9 397 923, 'node': 7 154 452, 'relation': 6 226, 'tag': 1 950 505, 'way': 1 123 465} | https://mapzen.com/metro-extracts/ |

I have chosen the Venice (Italy) one because Venice has a unique set of street denominations like nowhere else in Italy.