



Qlik Geocoding

Address lookup service for Qlik GeoAnalytics

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March, 2018

Qlik Geocoding



Qlik Geocoding is a subscription service for address to coordinate lookups and vice versa. The service is hosted, address and key get sent to remote servers for lookup. The subscription has a limited amount of lookups and is valid for one year.

Qlik Geocoding



GeoAnalytics

Qlik Geocoding is an add-on service to Qlik GeoAnalytics base and Qlik GeoAnalytics Enterprise Server.

The service is provided through the Qlik GeoAnalytics Connector using the operations “AddressPointLookup” and “PointToAddressLookup”

Forward Geocoding

Forward geocoding is address to point conversion. The result includes information about match level and location structure.

id	street	state	zip	country
1	275 Grove Street	MA	02466	US
2	One Pierce Place	IL	60143	US
3	14881 Quorum Drive	TX	75254	US



id	Match Coords	Match Level	Matched Address
1	[-71.25170913199997,42.3374...	100%	275 Grove St, Auburndale, Massa
2	[-88.01508557599999,41.9892...	85%	Pierce Pl, Itasca, Illinois, 60143, r
3	[-96.82565412499997,32.9495...	100%	14881 Quorum Dr, Dallas, Texas,

Reverse Geocoding

Reverse geocoding is point to address conversion. Useful for example converting GPS coordinates to an location.

id	lat	lon
1	25.8587	-80.2094
10960	31.1073	-97.7479
22821	42.6722	-83.1335



Address	Distance point to address (m)	House Number	Street	City	Zip	State	Country
9161 Us-441 N, Miami 33150, FL, United States	16.8	9161	Us-441 N	Miami	33150	FL	US
1210 Tx-195, Killeen 76542, TX, United States	31.7	1210	Tx-195	Killeen	76542	TX	US
600 Mi-150, Rochester 48307, MI, United States	10.1	600	Mi-150	Rochester	48307	MI	US

Best practice



- + Try with a few addresses first.
- + Always store the result in QVD.
- + Only do lookups new addresses.
- Do NOT place sensitive data in index or address.
- + Split larger tables in consecutive calls.
- + Specific address fields yields better and faster result.

Step by step



1. Load addresses.
2. Load the stored result from QVD file, if any.
3. Identify new addresses.
4. Perform lookups, a 100 at the time
5. Store the result in a QVD file.
6. Repeat if new addresses.

A template app for geocoding is available from at Qlik GeoAnalytics space at Qlik Community.



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www.qlik.com