

DOTS Address Geocode – US

GET LATITUDE/LONGITUDE COORDINATES AND VALUABLE LOCATION INFORMATION FOR AN ADDRESS, CITY OR POSTAL CODE

DOTS Address Geocode – USSM enables companies to translate a street address to its exact latitude/longitude coordinates. It validates addresses against our extensive master database as well as the United StatesTM Census Bureau, TIGER[®]/Line (Topologically Integrated Graphic Encoding and Referencing) file, USPS[®] ZIP+4 tables and other proprietary databases. Service Objects has a 99.8% match rate accuracy with cascading geocoding logic to ensure highest quality results.

INPUT	
Address	27 E Cota Street
City	Santa Barbara
State	CA
ZIP	93101



OUTPUT	
Latitude	34.418014
Longitude	-119.696477
ZIP	93101-7603
Tract	0009.00
Block	2039
Match Level	S
Level Description	The address matched exactly at the property location

Green Outputs = Appended Information

*This example represents output rendered by a typical operation. Other operations and data points may be available.

FEATURES

- Translates street address to exact latitude/longitude coordinates with property-level match rate accuracy up to 99.8%
- Cascading geocoding logic will attempt to append latitude/longitude values at the property-level first, and if not found, the service cascades to the next best match-level; ZIP+4, ZIP+3, ZIP+2, ZIP+1, ZIP or city centroid. Cascading geocoding maximizes match rate and accuracy to provide the industry's highest quality geocoding system.
- Appends latitude/longitude coordinates with latest census tract, county codes (FIPS) and block codes
- Reverse geocoding returns an address when provided with latitude/longitude coordinates
- Provides the estimated number of miles, kilometers and feet between two sets of coordinates
- Estimates distance to water using either an address or latitude/longitude coordinates
- Returns the latitude/longitude coordinates of a city centroid when a city and state are provided
- Returns the latitude-longitude coordinates of some major cities in the world; multiple matches can be filtered by country or region
- Updated monthly
- Real-time API or batch service available

SAMPLE REQUEST URL

Here is an example of a URL passing data as parameters:

```
https://trial.serviceobjects.com/gcr/GeoCoder.aspx/GetBestMatch_V3?Address=27+E+Cota&City=Santa+Barbara&State=CA&PostalCode=93101&LicenseKey=[YourKey]
```

PRODUCT BENEFITS

- Use address geocoding to map your customer locations and identify hot spots
- Accurately assign county, block and tract codes to addresses to maintain FFIEC compliance
- Enable location intelligence to save time and money and enhance location based decision-making

OPERATIONS

DOTS Address Geocode – US has six unique API operations including:

- GetBestMatch_V4
- GetReverseLocation
- GetDistance
- GetDistanceToWater
- GetDistance to WaterBy Address
- GetZipInfo

WHY SERVICE OBJECTS

- Most accurate data available
- 24/7 customer support
- 99.999% server uptime guarantee
- Simple pay-as-you-go pricing
- No long-term contracts
- Bank-grade security
- Open industry-standard programming interface
- Free API trial key or sample batch

COMPATIBLE LANGUAGES

Service Objects offers sample code in many industry-leading programming languages to assist with integration. Developer Guides are also available online for each product.



Revision 4.0 2018

www.serviceobjects.com

1.805.963.1700

1.800.694.6269