

Use Case 1

I need to locate a single address and place it on a map. The input would be street address, city, state and/or ZIP code. What I get in return would allow me to place a point in a web mapping application.

Use Case 2

I have one hundred addresses in a spreadsheet and I need a longitude and latitude for each address to enter into our database. A geocoding service would be able to “map” the fields and read the data. Longitude and latitude would be written back to the spreadsheet.

Use Case 3

I have addresses that vary in quality. I want to resolve the good addresses and identify the bad addresses. A geocoding service would return cleaned address components for resolvable addresses.

Use Case 4

I have a longitude and latitude and need to know the address of that location. Therefore, I need to “reverse geocode” a known longitude and latitude. A geocoding service would return the closest address to that known point.

Use Case 5

I know the name of a landmark (e.g. school) and need to locate it on a map. The geocoder would accept the input of a landmark with the city, state and/or ZIP code. The return would include the accepted/official name of the landmark with any other necessary address fields.