**Introduction**

I have created a REST API which hooks up to Google’s places API and returns vicinities of a certain type which are located within a kilometer’s range within the users location or a location which they have manually entered. The API is built in C# .NET and it comes with full logging functionality as well as Unit Tests.

**Disclaimer:** Due to security reasons I have removed the key for Google’s API. If you wish to get the application fully running you must sign up for the places API and get a new one.

**How to use**

If you would like to get information for venues within one kilometer of your location make a call to the API using api/{type} type being the choice of venue you would like to receive. You can find a complete list of the available types further below this documentation.

**Example:** <http://localhost:50197/food>

If you would like to retrieve information for venues based on a coordinate points locations make a call to the API using api/location/{latitude}/{longitude}/{type} The address provided in the example is - St Margaret St, Westminster, London SW1P 3JX, UK

**Example:** <http://localhost:50197/api/location/51.50013/-0.126305/food>

**List of Types**

* accounting
* airport
* amusement\_park
* aquarium
* art\_gallery
* atm
* bakery
* bank
* bar
* beauty\_salon
* bicycle\_store
* book\_store
* bowling\_alley
* bus\_station
* cafe
* campground
* car\_dealer
* car\_rental
* car\_repair
* car\_wash
* casino
* cemetery
* church
* city\_hall
* clothing\_store
* convenience\_store
* courthouse
* dentist
* department\_store
* doctor
* electrician
* electronics\_store
* embassy
* establishment
* finance
* fire\_station
* florist
* food
* funeral\_home
* furniture\_store
* gas\_station
* general\_contractor
* grocery\_or\_supermarket
* gym
* hair\_care
* hardware\_store
* health
* hindu\_temple
* home\_goods\_store
* hospital
* insurance\_agency
* jewelry\_store
* laundry
* lawyer
* library
* liquor\_store
* local\_government\_office
* locksmith
* lodging
* meal\_delivery
* meal\_takeaway
* mosque
* movie\_rental
* movie\_theater
* moving\_company
* museum
* night\_club
* painter
* park
* parking
* pet\_store
* pharmacy
* physiotherapist
* place\_of\_worship
* plumber
* police
* post\_office
* real\_estate\_agency
* restaurant
* roofing\_contractor
* rv\_park
* school
* shoe\_store
* shopping\_mall
* spa
* stadium
* storage
* store
* subway\_station
* synagogue
* taxi\_stand
* train\_station
* travel\_agency
* university
* veterinary\_care
* zoo