

## How to Use:

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## Introduction:

MapVeiw is a custom web server control that according to the address shows the exact place on the map. This server control is integrated with Google Maps API for plotting maps. Every time an address is received MapVeiw calculates the longitude and longitude of the place and then using Google Maps API it plots the place on the map and shows a note on the exact place.

Google Maps API enables everyone to use Google Maps on their web pages, but an important note is that every domain needs a Google Maps API key which is presented in the Google Maps API site. So For using MapVeiw on a new application you first need to register for a Google Maps API key.

MapVeiw sever control can be customized according to the key, address and the text to be shown when it finds the place. Below you can see an example of MapVeiw sever control:



## Definition of properties and methods:

MapVeiw web control class contains three main properties:

- 1- `public string Address` : This property is used to set and get the address. In the address it is important to mention the country as well.
- 2- `public string Key` : This property is used to set and get the Google Maps API Key. Every domain has its own unique value.
- 3- `public string Text` : This property is used to set and get the text for showing in the information box over the area it finds.

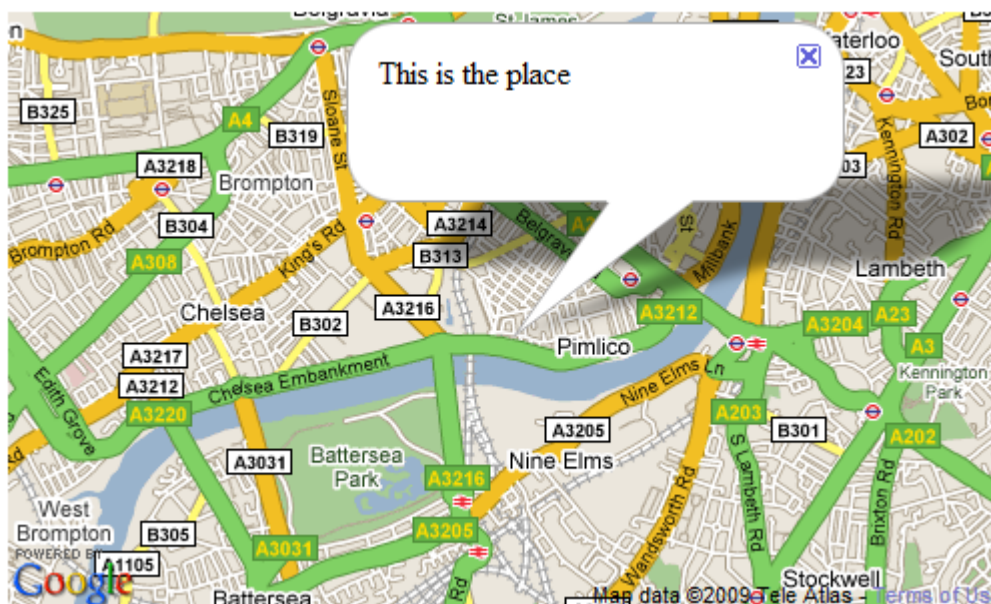
The method of the MapVeiw web control class is:

- 1- `public string CalculateFinalResult()`: This method calculates the javascript string that is needed to be rendered.

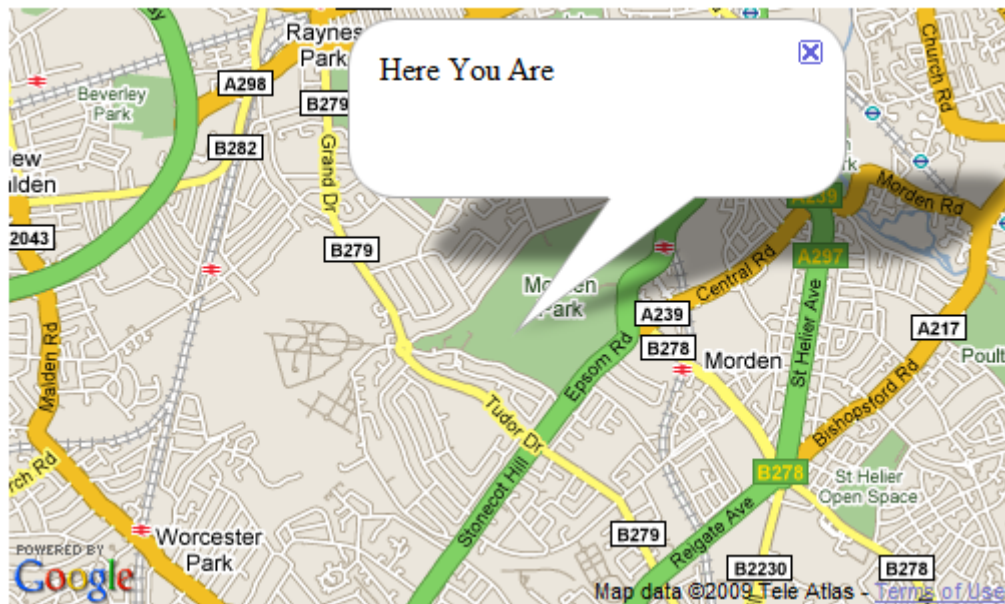
## Examples of MapVeiw:

For better understanding of MapVeiw and its feature a few examples are represented below. First properties are set and then the result is plotted:

- 1- Address: SW1 6PH,UK  
Text: This is the place.



- 2- Address: SM4 2PH,UK  
Text: Here You Are.

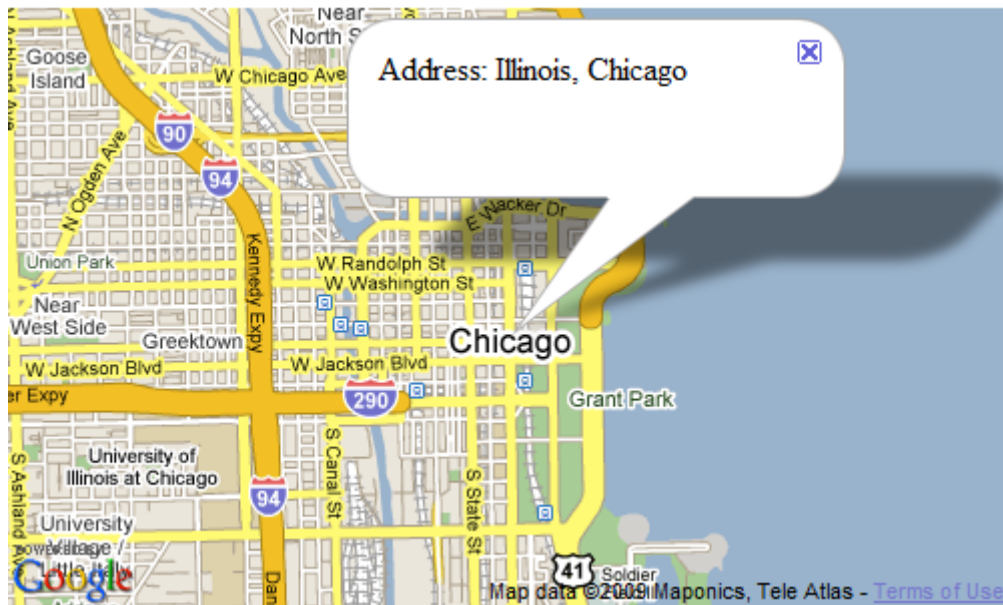


- 3- Address: Clarendon Grove,Mitcham,UK  
Text: = "Address: " + MapVeiw.Address



4- Address: Illinois, Chicago

Text: = "Address: " + MapVeiw.Address



### When to Use MapVeiw:

MapVeiw is mainly used in the applications that a user wants to find a place on the map.

For example, MapVeiw is very useful on the estate agencies sites, since different users want to find where different properties located on the map. With MapVeiw they can understand the exact place on the road and make different comparisons.

Another good example of MapVeiw is to find a location on the map for transport usage.

MapVeiw is essential on every application that is somehow related to finding a location.