

How to Implement: SharePoint 2010 Google Live Traffic Map

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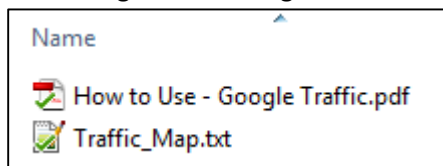
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Overview

This is a script that can be dropped into a SharePoint 2010 deployment to allow for an interactive, live view of traffic for an area from Google. This is a great, quick addition to office pages in your intranet.

Publication of Scripts and Files

1. On a site with universal access (all users have access to the site), create a document library that all users can read from. I call this 'Utilities' and place this on my site collection's root. This can really go anywhere as long as all users can reach it.
2. Within that library, unzip the contents of the zip, this will create a folder named '*TrafficMap*' containing the following folders and files for you to reference:



Configure Your Script

You'll want to edit the Traffic_Map.txt file you just unzipped to make the following alterations:

In lines 5 and 7 you need to make your changes. In 5 you provide the GPS coordinates that your traffic map should show. In line 7 you can give it a zoom factor (or use the value that is there)

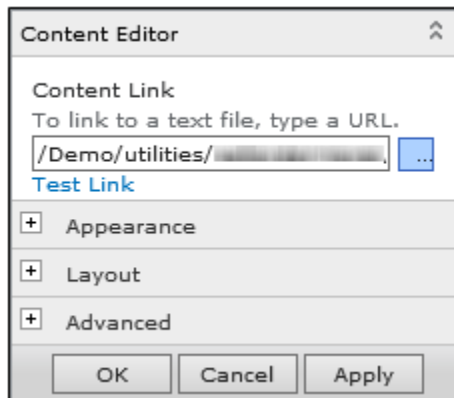
Save your changes back into the folder on SharePoint.

```
5   var myLatLng = new google.maps.LatLng(37.535978,-77.437553);
6   var myOptions = {
7       zoom: 13,
8       center: myLatLng,
9       mapTypeId: google.maps.MapTypeId.ROADMAP
```

Dropping into your page

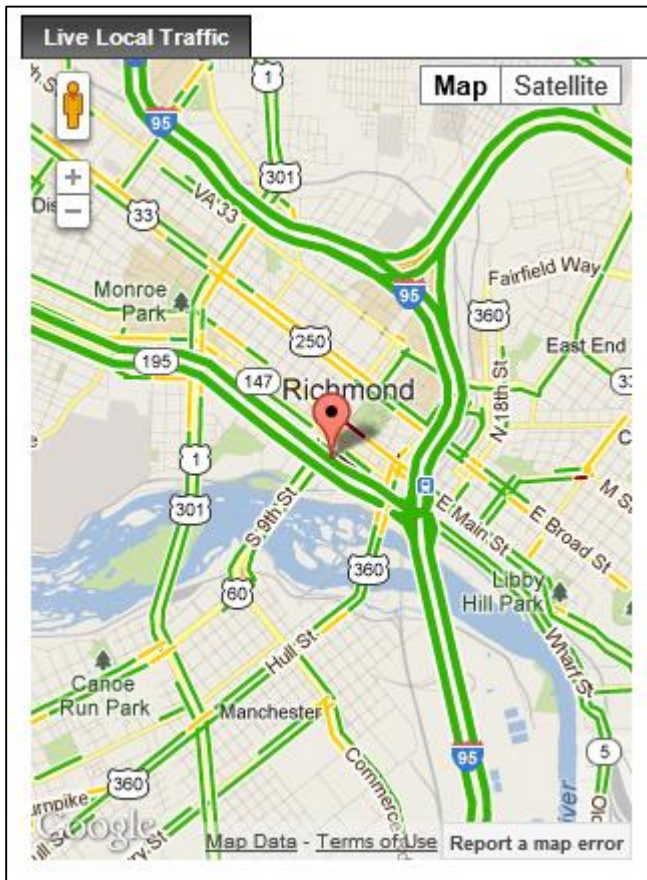
Now we'll just be adding a content query web part to the page that is to show the calendar view and set it to host the contents of the text file you just edited.

1. First get the URL/path to the text file you just edited and copy it.
2. Edit your target page and add a Content Query Web Part to the page, choose 'Edit Web Part' to modify the part's properties.
3. In the 'Content Link' portion of the web part properties, paste in the URL/path to your '*Traffic_Map.txt*' text file. Now SharePoint will drop that script right into your page wherever you have the web part.



The image shows a 'Content Editor' dialog box. The 'Content Link' section is active, showing the instruction 'To link to a text file, type a URL.' Below this is a text input field containing '/Demo/utilities/' followed by a blue ellipsis button. A 'Test Link' button is located below the input field. At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

4. Save and save your page. You are done!



Using Elsewhere

You can copy the Traffic_Map.txt file now, giving the new copy another name, editing it for other locations and repeat the 'Dropping into your page' steps with your new file to have as many of these as needed.