

W3C Geolocation, Bing Maps and HTML 5 Canvas

This code uses the [W3C's Geolocation API](#) in conjunction with [Bing Maps](#) and [HTML 5 Canvas](#).

```
<!DOCTYPE HTML>
<html>
<head>
  <title>HTML5 page</title>
  <!--link rel="stylesheet" type="text/css" href="site.css"/-->
  <style type="text/css">
    #baseDiv {position:relative; width:80%; left:10%; border:1px solid;}
  </style>
</head>
<body>
  <div id="baseDiv">
    <canvas id="stage" width="600" height="600">Sorry, your browser does not support th
  </div>
  <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.4.3/j
  <script type="text/javascript">
  //<![CDATA[
    var lineHeight = 14;
    jQuery(function() {
      navigator.geolocation.getCurrentPosition(showPosition);
    });

    function showPosition(position) {
      var ctx = document.getElementById('stage').getContext('2d'),
          txt = 'This is a string of text',
          x = 10, y = lineHeight,
          maxWidth = 50,
          lat = position.coords.latitude,
          lon = position.coords.longitude;
      ctx.font = '12pt Courier New';

      ctx.fillText('latitude: ' + lat, x, y);
      y += lineHeight;
      ctx.fillText('longitude: ' + lon, x, y);
      y += lineHeight;

      var img = new Image(),
          url = 'http://dev.virtualearth.net/REST/v1/Imagery/Map/Road/' + lat + ',' +
              + '?mapSize=400,400'
              + '&pushpin=' + lat + ',' + lon
              + '&mapLayer=trafficFlow'
              + '&key=XXXXXXXXXXXXXXXXXXXX';

      jQuery(img).bind('load', function() {
        ctx.drawImage(img, x, y);
      });

      img.src = url;
    }
  //]]>
  </script>
</body>
</html>
```