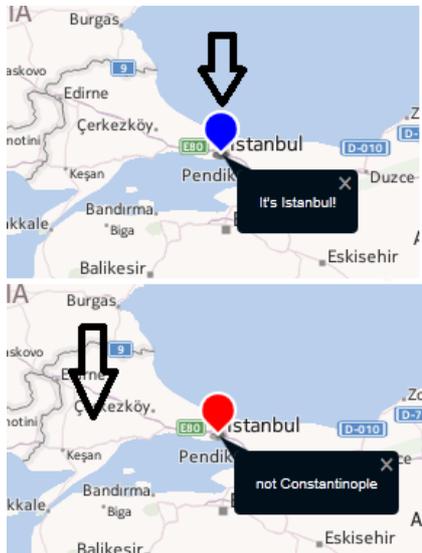


HERE Maps API - How to highlight a Marker

This code example shows how to highlight a Marker, so that the marker changes colour when the mouse pointer is over it.

Introduction

This example demonstrates how to highlight a Marker, so that the marker's appearance is altered if the mouse pointer is left over it. As such it is a demonstration of the use of the mouseover and mouseout events.



Example code

After setting up the map in the usual manner, we define two map colors

```
var red = {color: "#FF0000"};
var blue= {color: "#0000FF"};
```

A StandardMarker is added which listens for a mouseover event. When this occurs, the code set a **highlight** brush of a different color on the marker. The associated mouseout event returns the brush to the "normal" color.

```
function addHighlightableMarker(map) {
  var marker = new nokia.maps.map.StandardMarker
  (new nokia.maps.geo.Coordinate(41.0125, 28.975833),
  {brush: red});

  marker.addListener("mouseover", function(evt) {
    evt.target.set("brush", blue);
    map.update(-1, 0);
  });

  marker.addListener("mouseout", function(evt) {
    evt.target.set("brush", red);
    map.update(-1, 0);
  });
  map.objects.add(marker);
}
```

A fully working example can be found at:

http://rawgithub.com/heremaps/examples/master/maps_api_for_javascript/simple-examples/highlighting-a-marker.html

Alternative Solution

Highlighting markers can easily achieved using *KML* syntax, since this is the sole purpose of the <StyleMap> element. The <StyleMap> consists of two "modes" - a **normal** mode, and a **highlight** mode, each of which refer to a <Style> element. If two <Style> elements refer to different <IconStyle>s, the icon will change if the marker is selected.

```
<?xml version='1.0' encoding='UTF-8'?>
<kml xmlns='http://www.opengis.net/kml/2.2'>
  <Document>
    <Style id='BlueIcon'>
      <IconStyle>
        <Icon>
          <href>http://www.example.com/blue.png</href>
```

```
        </Icon>
      </IconStyle>
    </Style>
    <Style id='RedIcon'>
      <IconStyle>
        <Icon>
          <href>http://www.example.com/red.png</href>
        </Icon>
      </IconStyle>
    </Style>
    <StyleMap id="styleMapExample">
      <Pair>
        <key>normal</key>
        <styleUrl>#RedIcon</styleUrl>
      </Pair>
    <Pair>
      <key>highlight</key>
      <styleUrl>#BlueIcon</styleUrl>
    </Pair>
  </StyleMap>
  <Placemark>
    <Point>
      <coordinates>28.975833,41.0125,0</coordinates>
    </Point>
    <styleUrl>#styleMapExample</styleUrl>
  </Placemark>
</Document>
</kml>
```

Since the latest version of the HERE Maps API is able to natively render KML files, the KML above can be loaded directly onto a map using the code from the [Load KML Example](#) of the API explorer. The <Placemark> will be rendered as a MapMarker, and the icon will change when the mouse is over the marker.

