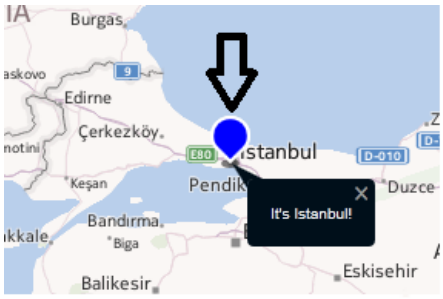
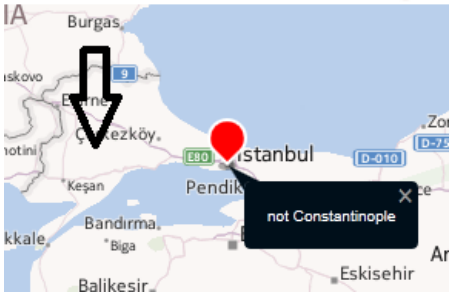
HERE Maps API - How to highlight a Marker

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:

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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.

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