HERE Maps API - How to draw a polygon

This article explains how to draw a polygon on HERE Maps

Prerequisites

HERE Maps API supported web browser (basically any modern web browser)

Important note about maps credentials

Nokia provides several services options within the Maps API offering. The service is free to use, but you must obtain and use authentication and authorization credentials to use the services. Please read the Terms and Conditions and check the Pricing Plans page to decide which business model best fits your needs. Authentication requires unique Maps API credentials, namely an AppId and a token. You can get these credentials free for free following the instructions here

Implementation

The API definition:

```
new nokia.maps.map.Polygon (path, props)

nokia.maps.geo.Strip | nokia.maps.geo.Coordinate[]}     path The path as coordinate strip.
nokia.maps.map.Polygon.Properties}                       props The initial values of the specified properties.
```

To draw the `Polygon` we will create a new `geo.Strip` with `GeoCoordinates` and then a new `Polygon` will be instantiated using it. The Properties are defined the same way for drawing a `Circle`, `Polyline` or a `Polygon`.

Example code

```
function addPolygonToMap(map){
 var geoStrip = new nokia.maps.geo.Strip
  ([52,13,100,48,2,100,48,16,100,52,13,100], "values lat lng alt");
 map.objects.add(
  new nokia.maps.map.Polygon(geoStrip, {
   precision: 36,
   simplify: 16,
   fillColor: "FFFFCC",
   color: "#829f",
   width: 8
  })
 );
}
```

To see the example in action:

http://rawgithub.com/heremaps/examples/master/maps_api_for_javascript/simple-examples/polygon.html

For more on the HERE Maps API

Please check out the HERE Maps API full documentation and API reference here:

- HERE Maps API

You may also access the interactive API explorer

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- API explorer

Tested with

- Google Chrome 11.0x
- Mozilla Firefox 5.0b

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