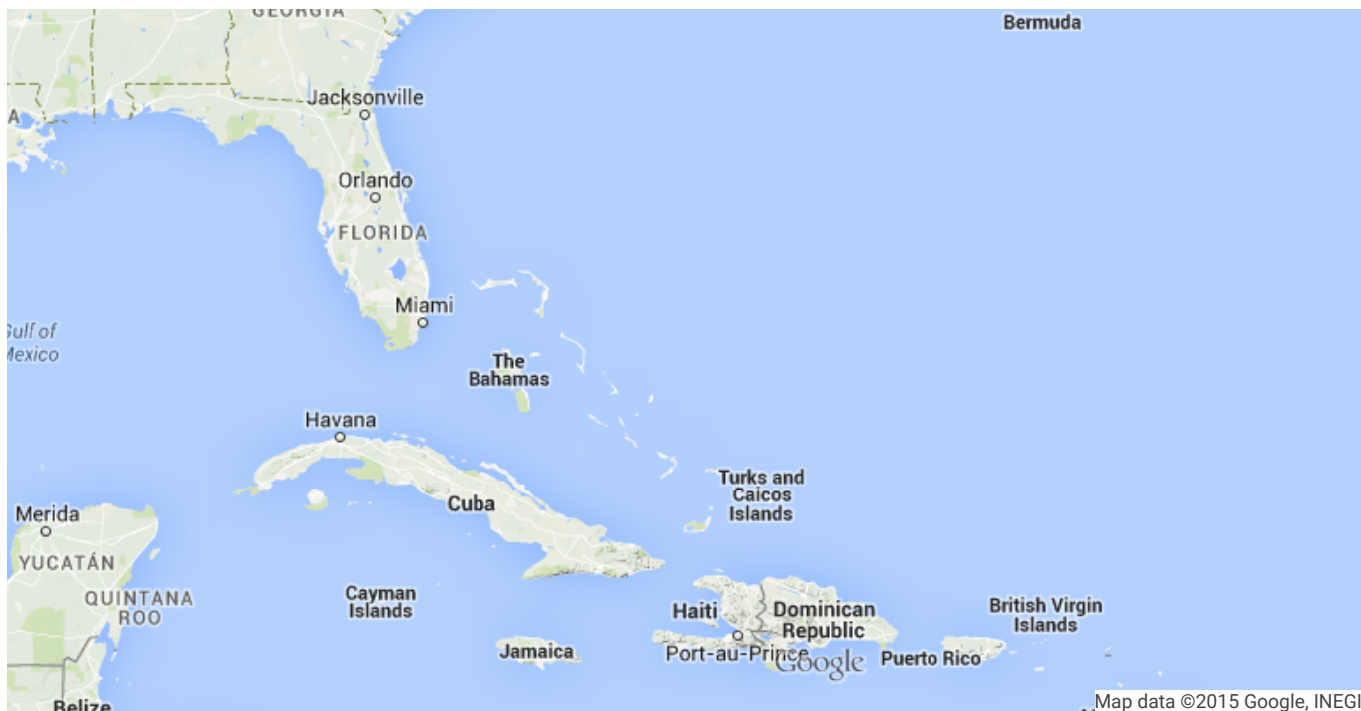


containsLocation()



This example draws a green circle when the clicked point falls outside of the specified polygon (the Bermuda Triangle), and a red circle when the click falls inside the polygon.

View this example [full screen](#).

JavaScript

JavaScript + HTML

```
function initialize() {  
  var mapOptions = {  
    center: new google.maps.LatLng(24.886436490787712, -70.2685546875),  
    zoom: 5,  
    mapTypeId: google.maps.MapTypeId.TERRAIN  
  };  
  
  var map = new google.maps.Map(document.getElementById('map-canvas'),  
    mapOptions);  
  
  var triangleCoords = [  
    new google.maps.LatLng(25.774252, -80.190262),  
    new google.maps.LatLng(18.466465, -66.118292),  
    new google.maps.LatLng(32.321384, -64.75737)  
  ];  
  
  var bermudaTriangle = new google.maps.Polygon({
```

```
    paths: triangleCoords
  });

  google.maps.event.addListener(map, 'click', function(e) {
    var result;
    if (google.maps.geometry.poly.containsLocation(e.latLng, bermudaTriangle)) {
      result = 'red';
    } else {
      result = 'green';
    }

    var circle = {
      path: google.maps.SymbolPath.CIRCLE,
      fillColor: result,
      fillOpacity: .2,
      strokeColor: 'white',
      strokeWeight: .5,
      scale: 10
    };

    new google.maps.Marker({
      position: e.latLng,
      map: map,
      icon: circle
    })
  });
}

google.maps.event.addDomListener(window, 'load', initialize);
```

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