

# Custom Symbols



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JavaScript

JavaScript + HTML

```
// This example adds three custom symbols to a polyline.

function initialize() {
  var myLatLng = new google.maps.LatLng(20.291, 153.027);
  var mapOptions = {
    zoom: 6,
    center: myLatLng,
    mapTypeId: google.maps.MapTypeId.TERRAIN
  };

  var map = new google.maps.Map(document.getElementById('map-canvas'), mapOptions);

  // Define the custom symbols. ALL symbols are defined via SVG path notation.
  // They have varying stroke color, fill color, stroke weight,
  // opacity and rotation properties.
  var symbolOne = {
    path: 'M -2,0 0,-2 2,0 0,2 z',
    strokeColor: '#F00',
    fillColor: '#F00',
    fillOpacity: 1
```

```

};

var symbolTwo = {
  path: 'M -1,0 A 1,1 0 0 0 -3,0 1,1 0 0 0 -1,0M 1,0 A 1,1 0 0 0 3,0 1,1 0 0 0 1,0M -3,3 Q 0,5 3,3'
,
  strokeColor: '#00F',
  rotation: 45
};

var symbolThree = {
  path: 'M -2,-2 2,2 M 2,-2 -2,2',
  strokeColor: '#292',
  strokeWeight: 4
};

// Create the polyline and add the symbols via the 'icons' property.

var lineCoordinates = [
  new google.maps.LatLng(22.291, 153.027),
  new google.maps.LatLng(18.291, 153.027)
];

var line = new google.maps.Polyline({
  path: lineCoordinates,
  icons: [
    {
      icon: symbolOne,
      offset: '0%'
    }, {
      icon: symbolTwo,
      offset: '50%'
    }, {
      icon: symbolThree,
      offset: '100%'
    }
  ],
  map: map
});

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

```

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