무료 전자 책

배우기

openlayers-3

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#openlayers

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Examples

OpenLayers 3 OL-3 Javascript html .

- ol.css OL-3 .
- ol.js .

www.openlayers.org OL-3 src href html

OL-3

```
<link rel="stylesheet" href="http://openlayers.org/en/v3.17.1/css/ol.css" type="text/css">

<script src="http://openlayers.org/en/v3.17.1/build/ol.js"></script>
```

```
<html>
  <head>
    <title>Getting started</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/ol3/3.17.1/ol.css"
type="text/css">
    <script src="https://cdnjs.cloudflare.com/ajax/libs/ol3/3.17.1/ol.js"></script>
  </head>
  <body>
    <div id="map" class="map"></div>
    <script>
      var baseLayer= new ol.layer.Tile({ //a Tile layer is a the background layer for the map
        // here we choose an OpenStreetMap base layer
        source: new ol.source.OSM({
          url: 'https://a.tile.openstreetmap.org/{z}/{x}/{y}.png'
        })
      });

      var map = new ol.Map({ // we create our map
        layers: [baseLayer], // and add the layers to it ( in our case we only have one)
        target: 'map', // the div element that will serve as a map
        controls: ol.control.defaults({ // we leave the map controls to default
          attributionOptions: /** @type {olx.control.AttributionOptions} */ ({
            collapsible: false
          })
        }),
        view: new ol.View({ // we define the initial view of the map
          center: ol.proj.fromLonLat([0, 0]), //the default projection is the spherical
mercator (meter units) so we get coordinates of the center by degrees
          zoom: 2 // the initial zoom level
        })
      });
```

```
    </script>
  </body>
</html>
```

Bing Maps

```
var baseLayer = new ol.layer.Tile({
    visible: true,
    preload: Infinity,
    source: new ol.source.BingMaps({
        // We need a key to get the layer from the provider.
        // Sign in with Bing Maps and you will get your key (for free)
        key: 'Ap9VqFbJYRNkatdxt3KyzfJxXN_9GlfABRyX3k_JsQTkMQLfK_-AzDyJHI5nojyP',
        imagerySet: 'Aerial', // or 'Road', 'AerialWithLabels', etc.
        // use maxZoom 19 to see stretched tiles instead of the Bing Maps
        // "no photos at this zoom level" tiles
        maxZoom: 19
    })
});

var map = new ol.Map({
    layers: [baseLayer],
    target: 'map',
    controls: ol.control.defaults({
        attributionOptions: /** @type {olx.control.AttributionOptions} */ ({
            collapsible: false
        })
    }),
    view: new ol.View({
        center: ol.proj.fromLonLat([0, 0]),
        zoom: 2
    })
});
```

openlayers -3 : https://riptutorial.com/ko/openlayers-3/topic/5203/openlayers---3

2:

Examples

```
var vectorSource = new ol.source.Vector({});
```

vectorSource .

```
var map = new ol.Map({
  layers: [
      new ol.layer.Tile({
      source: new ol.source.OSM()
      }),
      new ol.layer.Vector({
          source: vectorSource
      })
  ],
  target: 'map',
  view: new ol.View({
    center: [45, 5],
    zoom:5
  })
});
```

.

```
var points=[];
for (i = 0; i < 10; i++) {
    var xx = Math.random() * (xmax - xmin) + xmin;
    var yy = Math.random() * (ymax - ymin) + ymin;
    points.push(ol.proj.transform([xx,yy],'EPSG:4326', 'EPSG:3857'));
}
```

ol.geom.MultiLineString ([])

```
var thing = new ol.geom.MultiLineString([points1]);
```

.

```
var featurething = new ol.Feature({
    name: "Thing",
    geometry: thing,
    style : new ol.style.Style({
      stroke : new ol.style.Stroke({
        color : 'red'
      })
    })
```

```
});
```

▪

```
vectorSource.addFeature( featurething );
```

: .

: https://riptutorial.com/ko/openlayers-3/topic/8004/---

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