OpenLayers

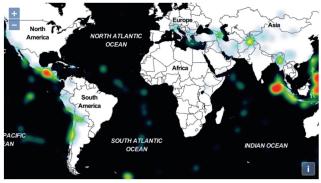A high-performance, feature-packed library for all your mapping needs.

OSGeo Project

Overview

OpenLayers makes it easy to put a dynamic map in any web page. It can display map tiles, vector data and markers loaded from any source. OpenLayers has been developed to further the use of geographic information of all kinds. It is completely free, Open Source JavaScript, released under the 2-clause BSD License (also known as the FreeBSD).

Cutting Edge, Fast & Mobile Ready

Leverages Canvas 2D, WebGL, and all the latest greatness from HTML5. Mobile support out of the box. Build lightweight custom profiles with just the components you need.

Earthquakes Heatmap

Easy to Customize and Extend

Style your map controls with straight-forward CSS. Hook into different levels of the API or use 3rd party libraries to customize and extend functionality.

Tiled Layers

Pull tiles from OSM, Bing, MapBox, Stamen, and any other XYZ source you can find. OGC mapping services and untiled layers also supported.

Tiled ArcGIS MapServer

Vector Layers

Render vector data from GeoJSON, TopoJSON, KML, GML, Mapbox vector tiles, and other formats.

Earthquake Clusters

openlayers.org