

OpenLayers

OpenLayers is an open-source JavaScript library (released under the 2-clause BSD License) which makes it easy to put a dynamic map on any webpage. You can use OpenLayers to integrate Spatial NI services and other geospatial content to build web based mapping applications.

An extensive online resource is available to assist you in building your mapping application.

Click the screenshots to view in browser.

OpenLayers Docs Examples API Code

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


LATEST
OpenLayers v5.3.0 is here! Check out the docs and the examples to get started. The full distribution can be downloaded from the release page.

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).

FEATURES


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.



Vector Layers

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



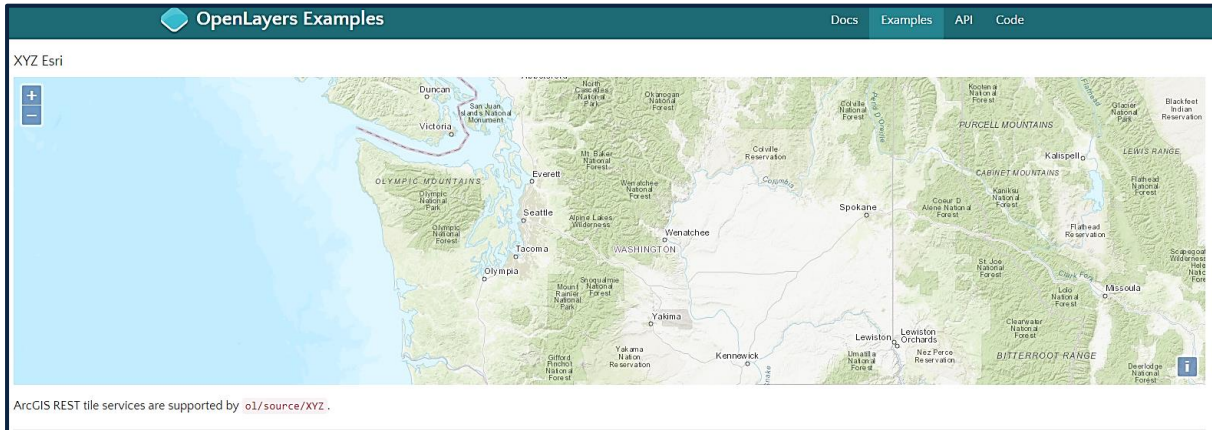
A good place to start is to take a look at the code samples provided.

OpenLayers Examples Search (167) Docs Examples API Code

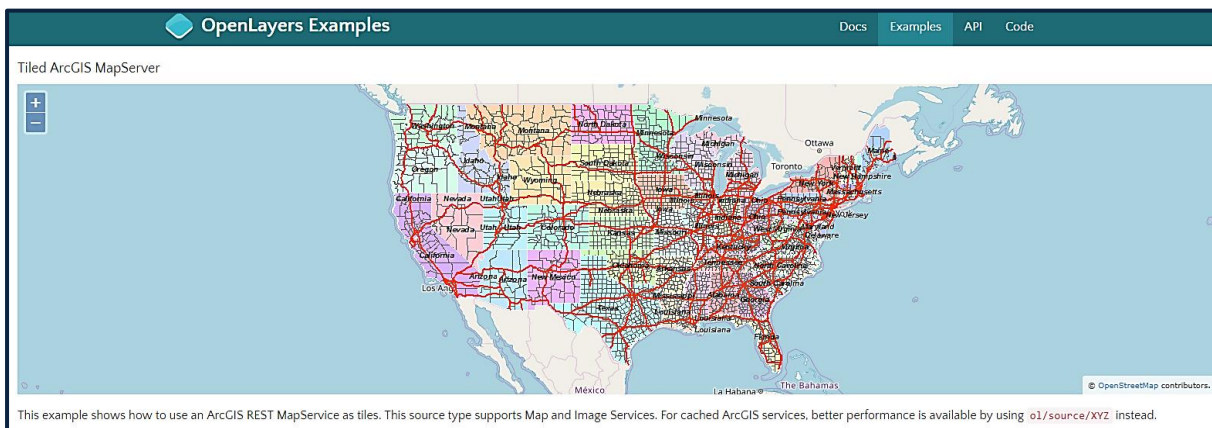
<p>View Animation (animation.html) Demonstrates animated pan, zoom, and rotation.</p>	<p>Tiled ArcGIS MapServer (arcgis-tiled.html) Example of a tiled ArcGIS layer.</p>	<p>Attributions (attributions.html) Example of a attributions visibly change on map resize, to collapse them on small maps.</p>
<p>Bing Maps (bing-maps.html) Example of a Bing Maps layer.</p>	<p>Canvas Tiles (canvas-tiles.html) Renders tiles with coordinates for debugging.</p>	<p>CartoDB source example (cartodb.html) Example of a cartoDB map.</p>

For working with Spatial NI services:

For cached basemaps, we recommend that you integrate our services using the xyz-esri method.



Using the ArcGIS Map Service as tiles, we recommend that you integrate our services using the arcgis-tiled method.



Using the ArcGIS map service as dynamic content, we recommend that you integrate our services using the arcgis-image method.

