

EdgeView mX5 Demo Browser - OSM GeoJSON Layer 2026

Go https://raw.githubusercontent.com/maxkleiner/maXbox5/main/EKON30/1472_osm_geojson_complete.htm

< > copy demo

Here's a complete, runnable HTML example that loads OpenStreetMap tiles and displays GeoJSON data using Leaflet.js. This works entirely in the browser without a backend. HTML + JavaScript Html



JavaScript Source

View Source Set Source

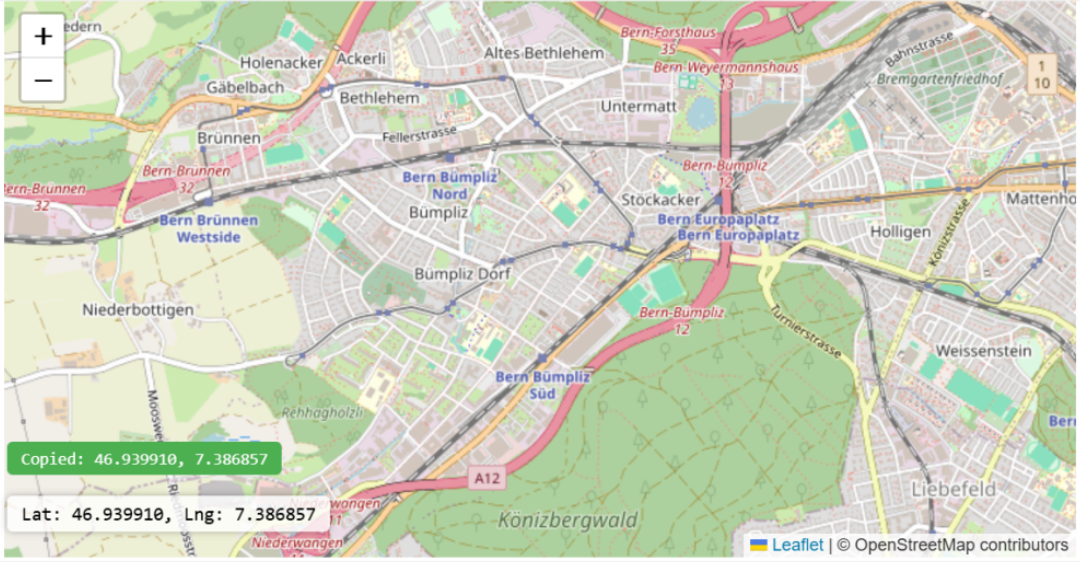
```
"type": "Feature",
"properties": { "name": "Sample Point" },
"geometry": {
  "type": "Point",
  "coordinates": [7.147, 46.948] // lon, lat
}
```

https://sourceforge.net/projects/maxbox5/files/examples/1472_API_GeoJSON64_6_OSM_maps2edge4.txt/download

EdgeView mX5 Demo Browser - OSM GeoJSON Layer 2026

Go https://raw.githubusercontent.com/maxkleiner/maXbox5/main/EKON30/1472_osm_leaflet_hoover_coordinates.htm

< > copy demo



Copied: 46.939910, 7.386857

Lat: 46.939910, Lng: 7.386857

JavaScript Source

View Source Run Source

```
toast.textContent = message;
toast.style.display = 'block';
setTimeout(() => {
  toast.style.display = 'none';
}, 2500);
}</script>
```

https://sourceforge.net/projects/maxbox5/files/examples/1472_API_GeoJSON64_6_OSM_maps2edge51hoover.txt/download

GeoJSON playground on map coordinates (lat,long)

If you want to use Leaflet with OpenStreetMap tiles and show the coordinates when the user hovers over the map.

Here's a complete, runnable HTML + JavaScript example that does exactly that:

[Leaflet OSM Hover Coordinates on maXbox](#)

How it works:

Leaflet Map Setup

Loads OSM tiles from `https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png`.

Sets an initial center **and** zoom.

Mouse Move Event

`map.on('mousemove', callback)` listens for hover movement.

`e.latlng` gives the latitude **and** longitude.

Coordinates are rounded to 6 decimal places for readability.

Coordinates Display

A fixed-position `<div>` shows the live coordinates.

✅ This works in any modern browser — just save as `index.html` **and** open.

If you want, I can also make it so clicking on the map copies the coordinates to the clipboard.

Do you want me to add that click-to-copy feature?

Got it — you want the coordinates display to always stay on top of the map layers, even if Leaflet controls or popups are present.

We can do that by giving the coordinates `<div>` a high `z-index` **and** ensuring it's positioned above Leaflet's own UI elements.

Here's the updated hover coordinates example with the fix:

```

1  #coords {
2      position: absolute;
3      bottom: 10px;
4      left: 10px;
5      background: rgba(255, 255, 255, 0.8);
6      padding: 5px 10px;
7      font-family: monospace;
8      border-radius: 4px;
9      box-shadow: 0 0 5px rgba(0,0,0,0.3);
10     z-index: 10000; /* Ensure it's above all map layers and
11     pointer-events: none; /* Let mouse events pass through
12 }

```

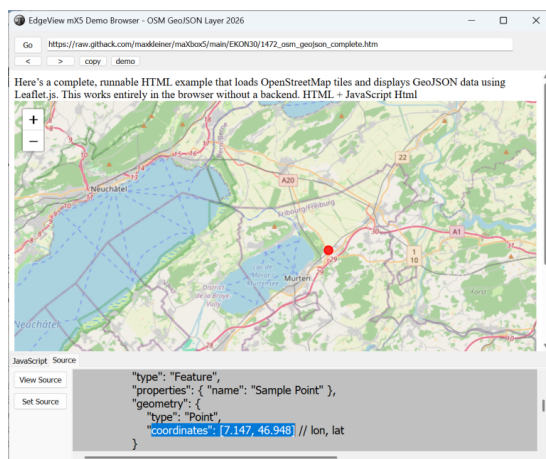
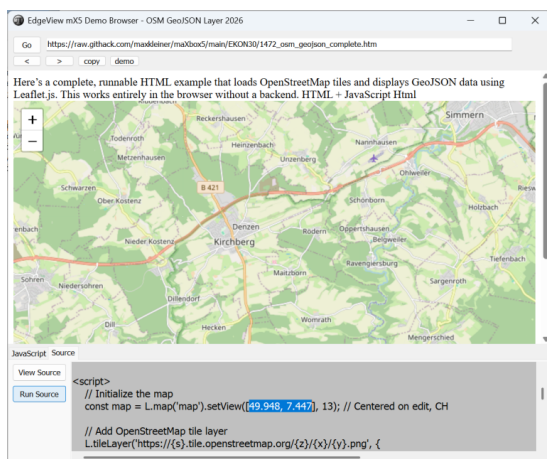
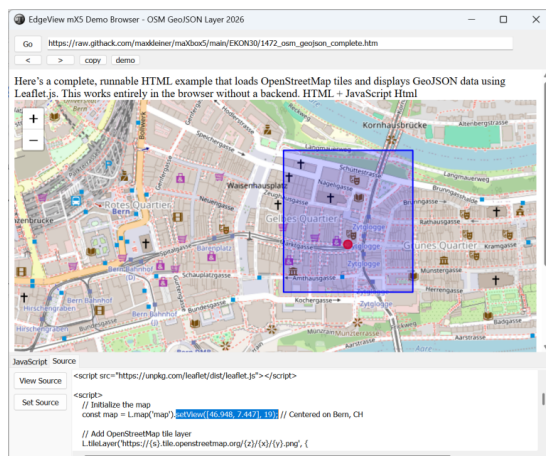
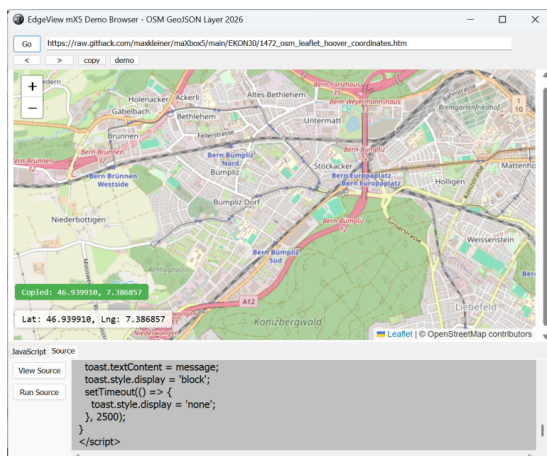
Here's the updated runnable example with a click-to-copy coordinates feature added.

When you click anywhere on the map, the coordinates will be copied to your clipboard and a short confirmation will appear. The main start routine to pass the java script to a rich client goes like this:

```

1  GEOJSON4 = 'https://raw.githubusercontent.com/maxkleiner/maXbox5/main/f
2
3  procedure letGeoJson_EdgeOSM_GeoJSON(zoom, lon,lat: double);
4  var htmlgeojs: string;
5  begin
6      with TEdgeViewForm.create(self) do begin
7          width:= 1200;
8          height:= 1000;
9          caption:= caption+ ' - OSM GeoJSON Layer 2026'
10         //htmlgeojs:= loadfile(exepath+'examples\1472_osm_geojs
11         htmlgeojs:= HttpGetDirect2(GEOJSON4)
12         //writ(utf8toansi(htmlgeojs));
13         pagecontrol1.height:= 260;
14         pagecontrol1.activepage:= tabsheet3;
15         edit1.text:= TESTURL6; //OSMDIRECT; //'https://wttr.in/f
16         //edit1.text:= Format(OSM_URLFormat,[zoom, lon,lat]); //
17         //btngoclick(self);
18         sleep(1500);
19         //btnExecuteScriptClick(self);
20         memoHTML.font.size:= 11;
21         memoHTML.color:= clsilver;
22         memoHTML.Text:= utf8toansi(htmlgeojs); ////GEOJSON_Layer
23         btnsetsource.caption:= '&Run Source'
24         btnSetSourceClick(self); //}
25         showmodal
26         free;
27     end;
28 end;

```



https://sourceforge.net/projects/maxbox5/files/examples/1472_API_GeoJSON64_6_OSM_maps2edge51hoover.txt/download

On the source tab you can enter other coordinates and press the button on the left Run Source to see immediate a different map!

Without any knowledge of JS, I was forced to implement a map (OSM via Leaflet) on a webpage like edgeview. On this map, there should be a marker for the actual address of lat, long coordinates. The coordinates are saved as a string in the clipboard for further operations.

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Posted in Code, Data Science, Geography, Languages, Machinelearning, maXbox, Python

One response to “GEO Intelligence”



maxkleiner

March 22, 2026 Edit

AI Overview:

Geospatial Intelligence (GEOINT) is the exploitation and analysis of imagery and geospatial information to describe, assess, and visually depict physical features and geographically referenced activities on Earth. It combines satellite imagery, aerial photography, mapping, and intelligence data for military, government, and commercial applications, such as disaster response, navigation, and infrastructure monitoring.

Key aspects of GEOINT include:

- **Data Sources:** Satellites, unmanned aerial vehicles (drones), aerial cameras, mapping, and GPS coordinates.
- **Core Components:** Imagery (pictures of features), Imagery Intelligence (IMINT – analysis of imagery), and Geospatial Information (natural or man-made features).
- **Applications:**
 - **Military:** Defense planning, target analysis, and surveillance.
 - **Civilian/Commercial:** Disaster response, urban planning, agriculture, and environmental monitoring.
 - **Maritime:** Monitoring vessel movements and port efficiency.
- **Key Agencies:** The National Geospatial-Intelligence Agency (NGA) in the US is a major provider, focusing on both defense and intelligence.

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