Terra Draw

London Geo Meetup -
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An open source JavaScript library for drawing on web maps
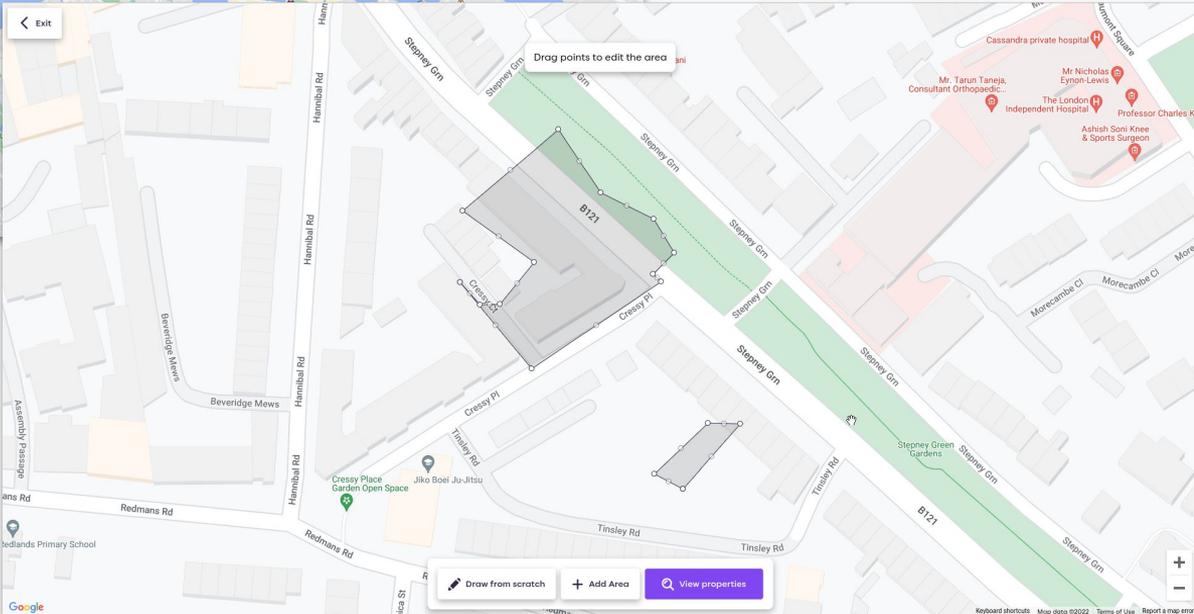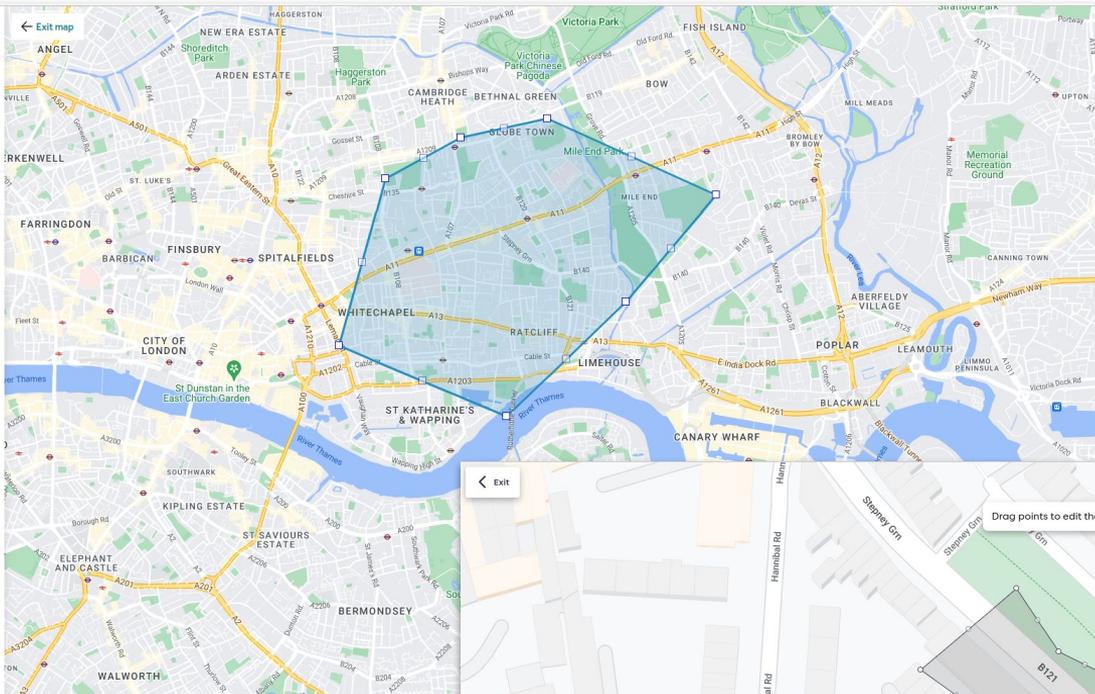
Draw A Search

Drawn area name

Save Area

My drawn areas

Create your custom search areas

Add, move or delete points to edit a current area or clear to plot a new area from scratch.

Access your previously saved areas
by **Signing In**

Exit map

Exit

Drag points to edit the area

Draw from scratch   Add Area   View properties

FREEDRAW.

FreeDraw allows the free-hand drawing of shapes on your Leaflet. familiar UX for creating geospatial boundaries similar to Zoopla an concaving of polygons, polygon merging and simplifying, as well a shapes. **Note:** For drawing polylines instead, try `L.Pather`.

`build` `failing`　`npm` `v2.13.3`　`bower` `no releases`　`license` `MIT`

- **npm:** `npm i leaflet-freed`
- **Bower:** `bower i leaflet-fr`
- **JSFiddle:** https://jsfiddle.net/

`version` `1.0.4`　`npm package` `1.0.4`　`downloads` `4.8M`　`bower package` `1.0.4`　`build` `f`
`forks` `984`　`stars` `1.8k`　`license` `MIT`

Leaflet.draw

Adds support for drawing and editing vectors and markers on Leaflet maps

Supports Leaflet 0.7.x and 1.0.0+ branches.

Please check out our Api Documentation

v 0.1

LOT of things from 0.1. Please see BREAKIN

@mapbox/mapbox-gl-draw

`build` `passing`

Adds support for drawing and editing features on mapbox-gl.js maps. See a li

Requires mapbox-gl-js.

Installing

```
npm install @mapbox/mapbox-gl-draw
```

Draw ships with CSS, make sure you include it in your build.

Google Maps API pricing changes: what do they mean?

v2.0 changes merged with updated TOS and license #10162

⊙ Open **asheemmamoowala** opened this issue on Dec 8, 2020 · 67 comments

Overview

Goals

- Cross map library support

- Custom modes

- Deep styling control

- Zero dependency

OpenLayers

Leaflet

ArcGIS Maps SDK for JavaScript

Google Maps Platform

Mapbox GL JS

MapLibre GL JS

www terradraw.io

JamesLMilner/terra-draw

npm install terra-draw

```
1   const map = new maplibregl.Map({
2       container: id,
3       style: OSMStyle as maplibregl.StyleSpecification,
4       center: [0, 0],
5       zoom: 4,
6   });
7
8   map.once("style.load", () => {
9       const draw = new TerraDraw({
10          adapter: new TerraDrawMapLibreGLAdapter({ map }),
11          modes: [new TerraDrawPolygonMode({
12              snapping: true
13          })]
14      });
15
16      draw.start();
17  });
```
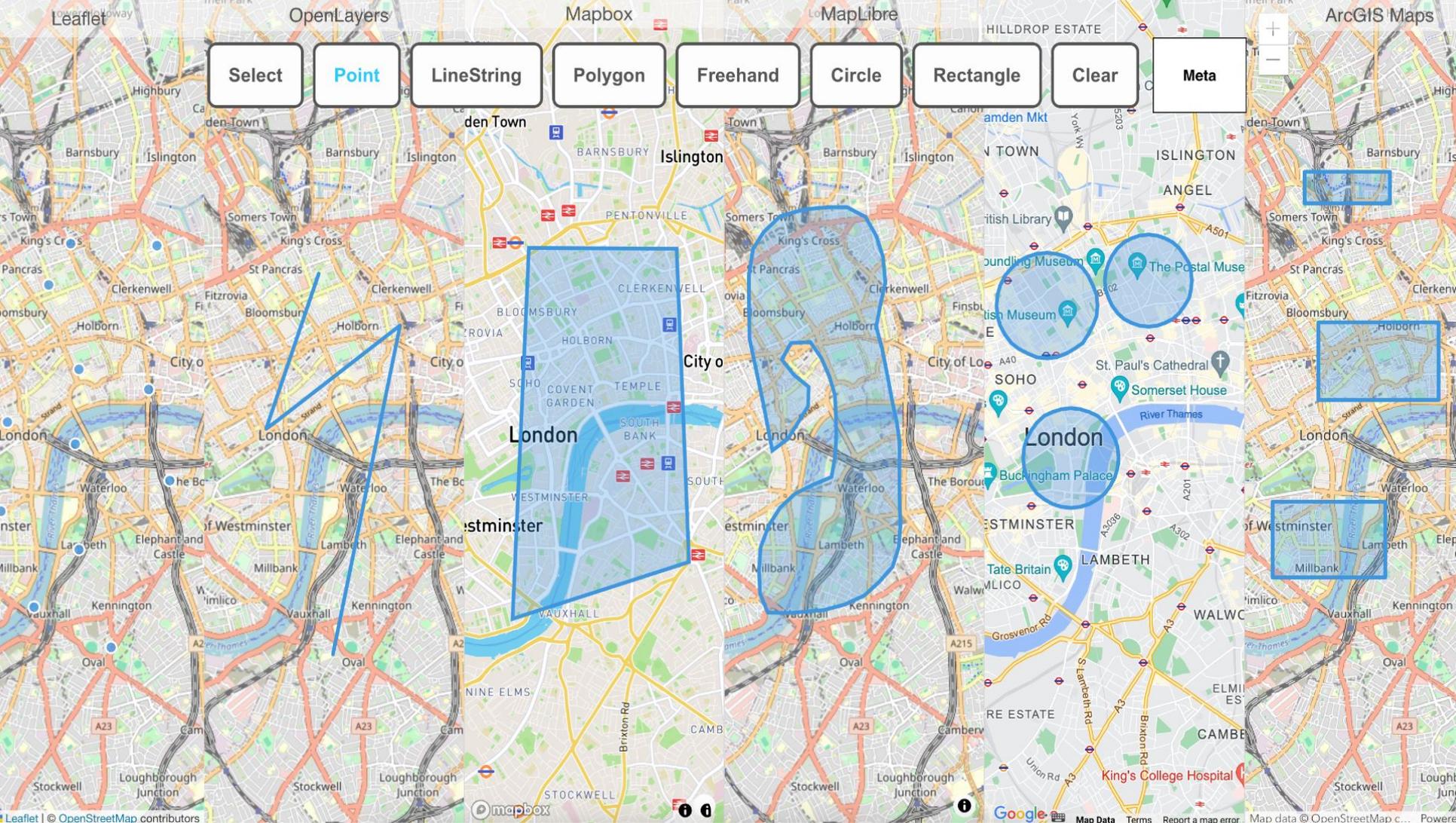
Select   Point   LineString   Polygon   Freehand   Circle   Rectangle   Clear   Meta

Undo/Redo

Undo/Redo

- Common in many applications

- Popular feature request

- Hard to implement

```mermaid
Should we send a
notification?

Thread message &&          ──Yes──  Channel muted?
User subscribed?      ──No

                      ──Yes

                               User in DnD?

          DnD Override?  ──Yes

                               @channel/@everyone/@here message?

@channel mentions suppressed?  ──No

Channel notification    ──Yes──  threads_everything  ──Yes──  Thread message &&
pref is "Nothing"                pref on?                      User subscribed?

                               What is the user's channel
                               notification pref for this device?

  Nothing   Everything   Mentions              Default        What is the user's global
                                                               notification pref for this device?

                         DM?      @here    Highlight word?      All    Mentions   DMs (mobile)  Highlight Words  Never
                                                                                                 (mobile)
  Thread message?
                         @mention?                                            Thread message?
  User subscribed?       Comment on file owned
                         by user? (desktop)     User presence                 User subscribed?    DM?
                                                active?
                                                                Thread message?                   @mention?
   NO                    YES                                    User subscribed?                   Highlight word?

                         Mobile?   Past mobile
                                   push timing
                                   threshold?
```

Legend

Pref	(blue)
Pref Value	(purple)
User State/Action	(yellow)
Parsing	(orange)

NB: if the user's desktop client **Mark as Read** pref is set to **Mark the channel read**, mobile pushes will not be sent for messages marked read on the desktop (ie. when the user leaves their computer open to a channel).

A 2 Part System

- Drawing undo/redo which works at a mode level

- Session undo/redo which works across modes

- Can be used together or independently
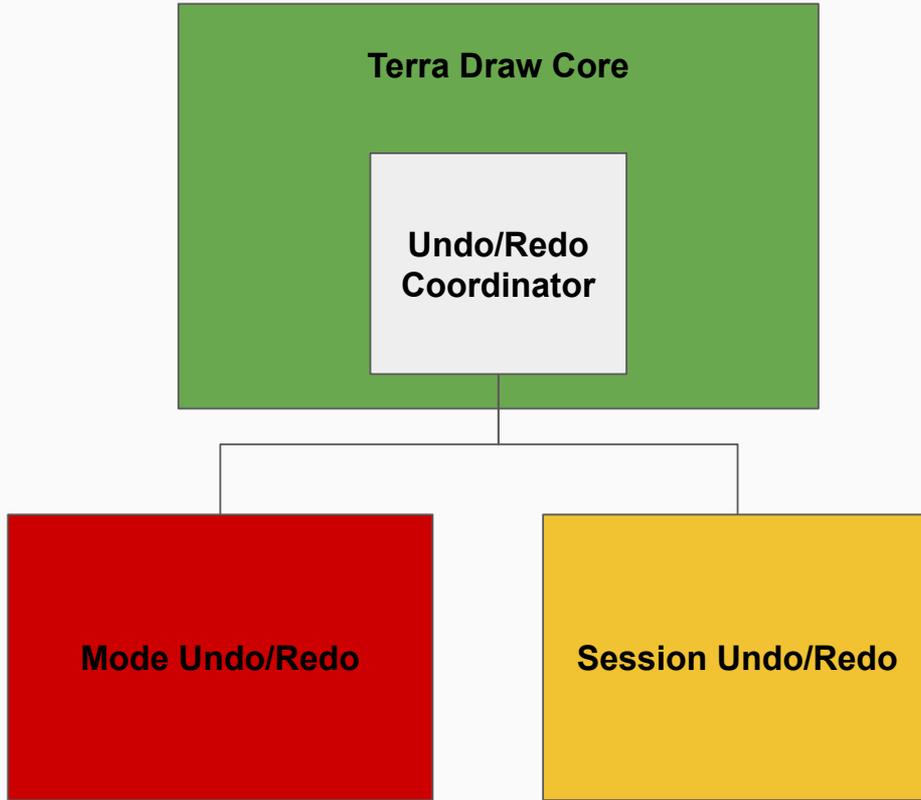
Demo

Contributing

Contributing

There are many ways you can contribute to helping with Terra Draw:

- Lend a star on GitHub
- If you find a bug, post a clear reproducible issue
- Discussing issues on the tracker and raising PRs
- Sponsorship via GitHub Sponsors

Contact

You can contact me via email or LinkedIn:

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- linkedin.com/in/jameslmilner