

Free and Open Source Software (FOSS) for Web Maps

Git and Github

- What is a git repository?
- Github

Git and Github

The screenshot shows the GitHub repository page for **Willjfield / FOSS-for-WebGIS**. The repository is public and has 0 stars, 0 forks, and 2 watchers. The main branch is **main**, with 1 branch and 0 tags. The repository contains a directory structure with folders for dates (6-14, 6-21, 6-7, 7-12, 7-19, 7-26, 7-5, 8-16, 8-2, 8-9) and a file named **FOSS-for-WebGIS.code-workspace**. All items are labeled as "initial readmes" and were updated "2 weeks ago". The repository has 3 commits.

About
CUNY Graduate Center Summer 2023:
Special Topics in Computational
Fundamentals: Free and Open Source
Software (FOSS) for Web Maps

Releases
No releases published
[Create a new release](#)

Packages
No packages published

File/Folder	Description	Updated
Willjfield initial readmes	ec507fd 2 weeks ago 3 commits	
6-14	initial readmes	2 weeks ago
6-21	initial readmes	2 weeks ago
6-7	initial readmes	2 weeks ago
7-12	initial readmes	2 weeks ago
7-19	initial readmes	2 weeks ago
7-26	initial readmes	2 weeks ago
7-5	initial readmes	2 weeks ago
8-16	initial readmes	2 weeks ago
8-2	initial readmes	2 weeks ago
8-9	initial readmes	2 weeks ago
FOSS-for-WebGIS.code-workspace	initial readmes	2 weeks ago

Git and Github

The screenshot shows the GitHub interface for the repository **Willjfield / FOSS-for-WebGIS**. The repository is public and has 2 watchers, 0 forks, and 0 stars. The main navigation bar includes links for Pull requests, Issues, Codespaces, Marketplace, and Explore. The repository's main branch is **main**, with 1 branch and 0 tags.

The file list on the left shows several folders and files, all labeled as "initial readmes":

- 6-14
- 6-21
- 6-7
- 7-12
- 7-19
- 7-26
- 7-5
- 8-16
- 8-2
- 8-9
- FOSS-for-WebGIS.code-workspace

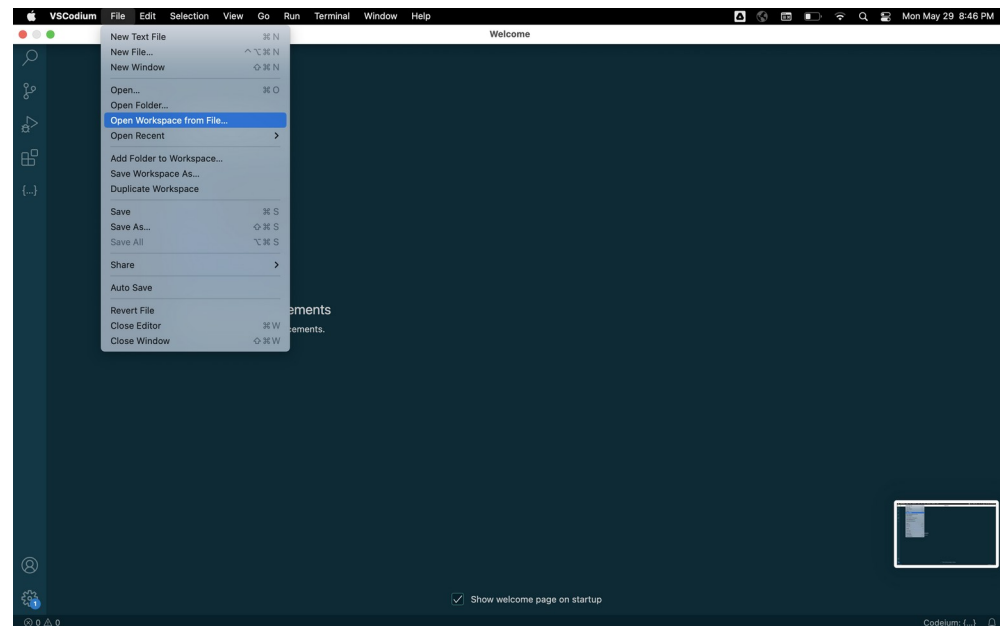
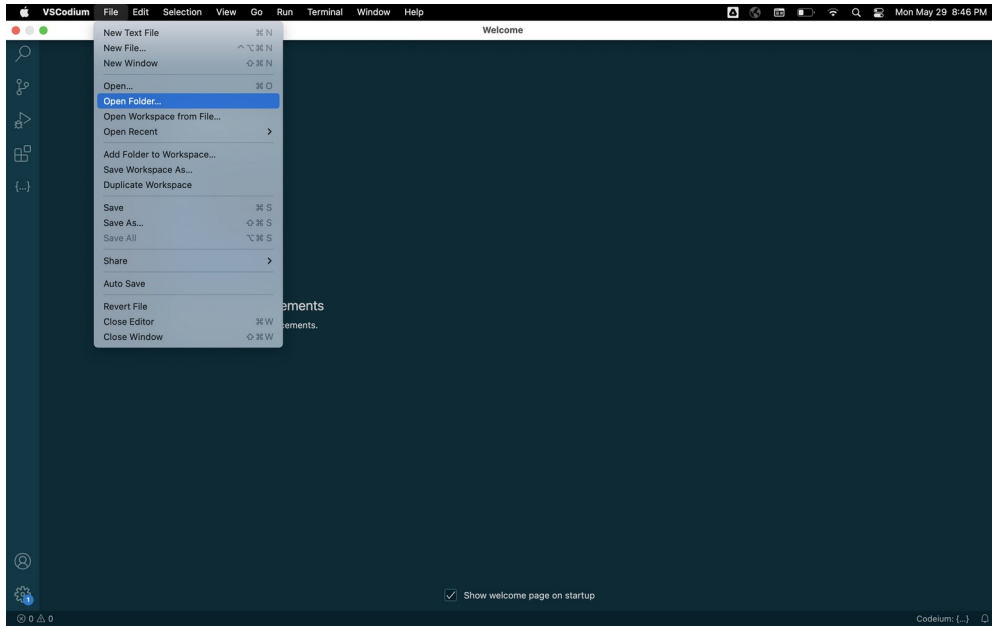
The **Code** dropdown menu is open, showing options for cloning the repository. The **Local** tab is selected, and the **Clone** option is highlighted. The cloning URL is `git@github.com:Willjfield/FOSS-for-WebGIS`. Other options include "Open with GitHub Desktop", "Open with Visual Studio", and "Download ZIP".

The right sidebar contains the **About** section, which describes the repository as "CUNY Graduate Center Summer 2023: Special Topics in Computational Fundamentals: Free and Open Source Software (FOSS) for Web Maps". It also includes links for the README, Activity, and a list of releases (0 stars, 2 watching, 0 forks).

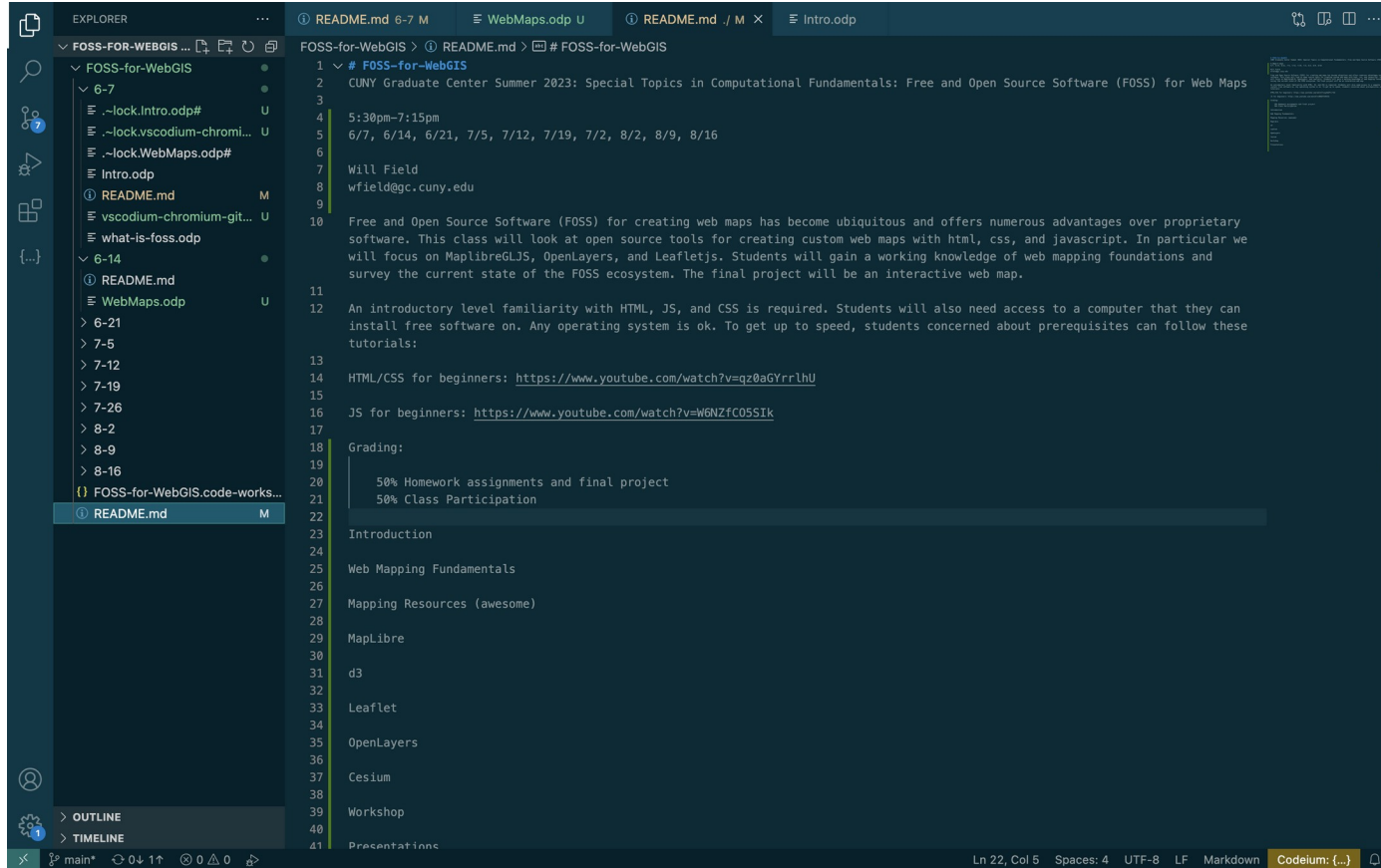
VS Codium/VS Code

- <https://vscodium.com/>
- <https://code.visualstudio.com/>
- Other editors: Sublime, Atom, vi, vim, neovim, emacs...

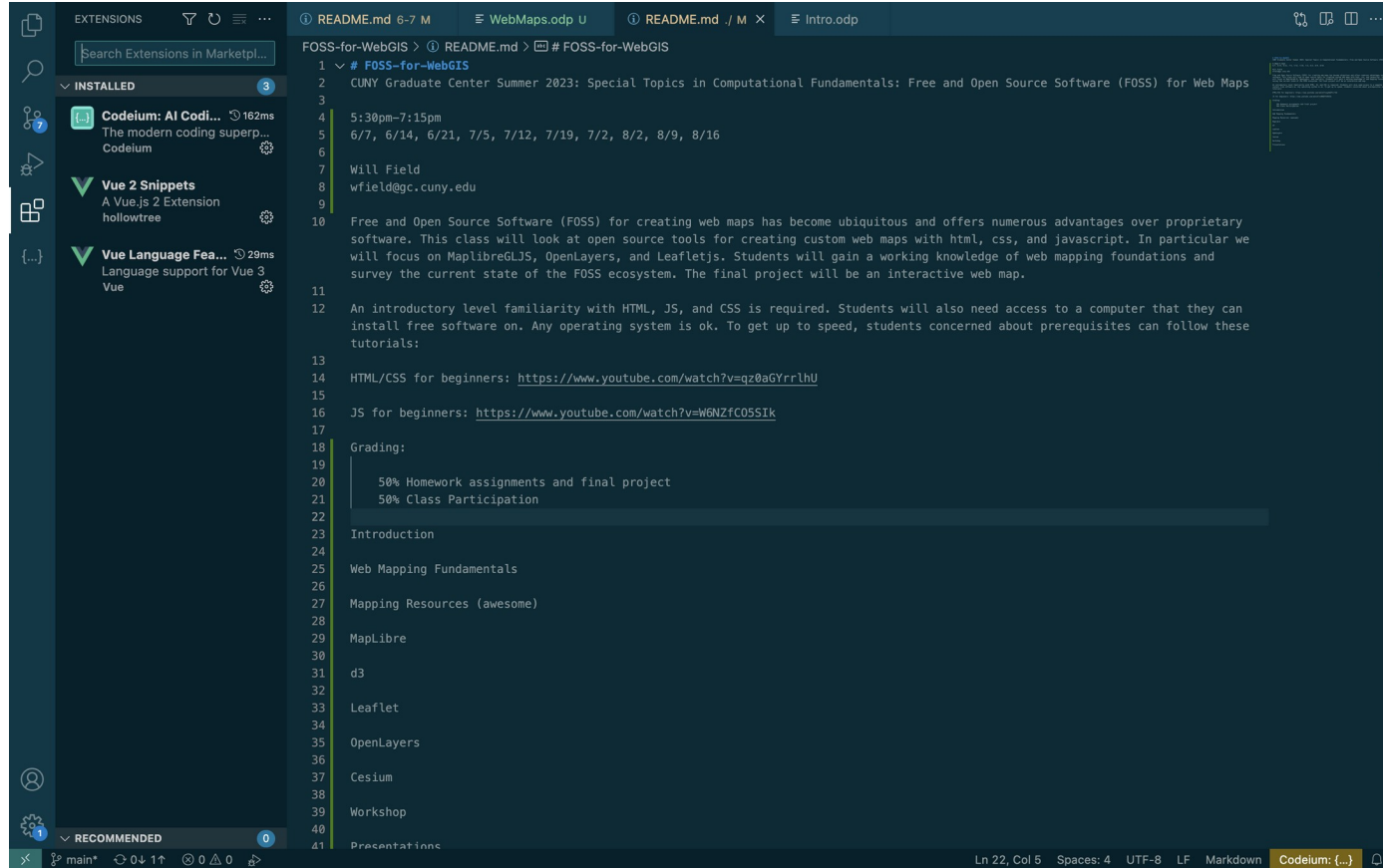
VS Codium/VS Code



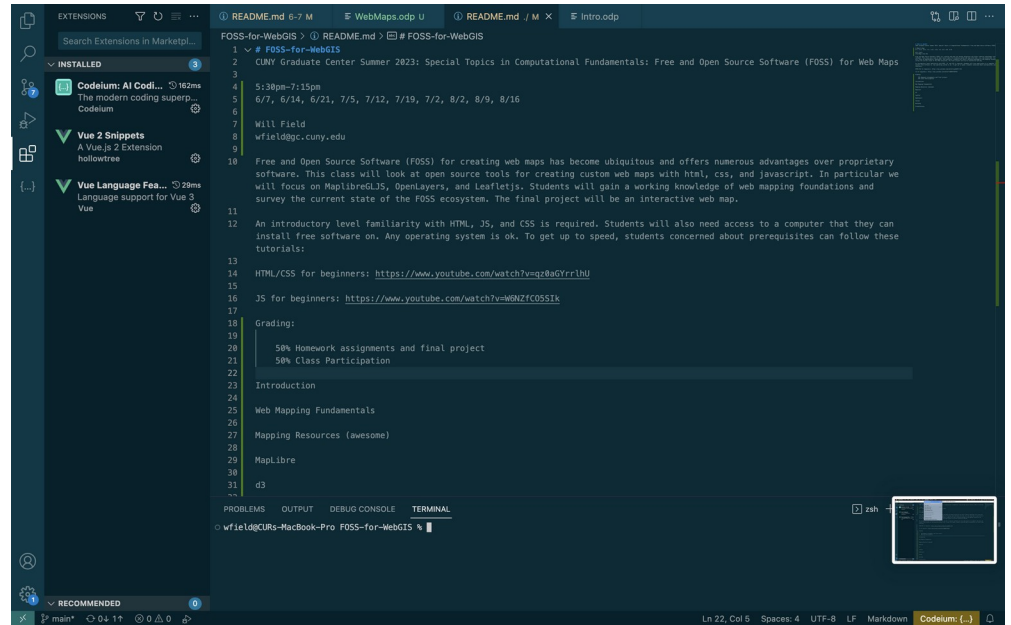
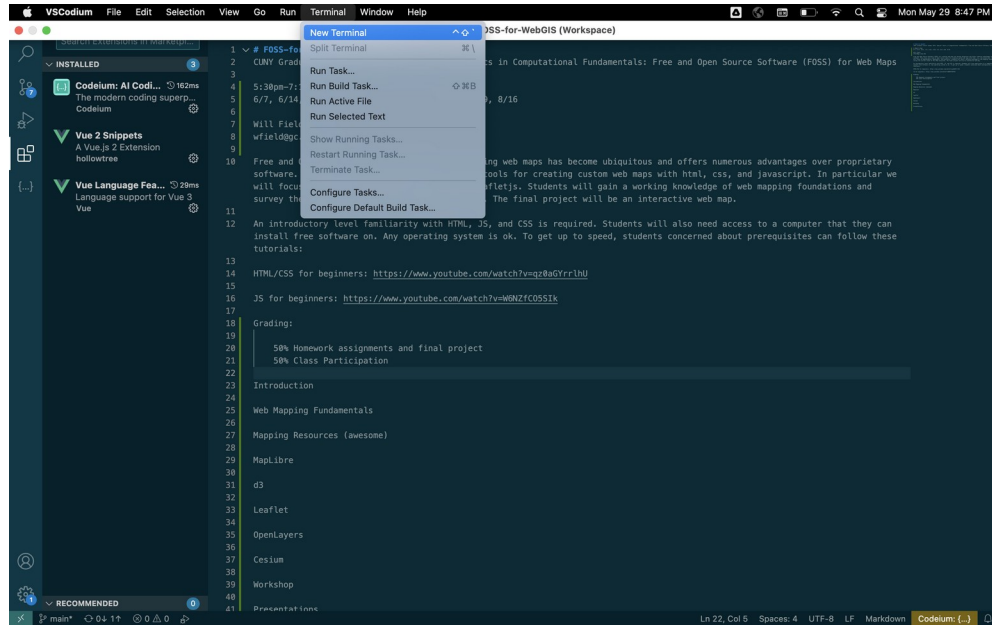
VS Codium/VS Code



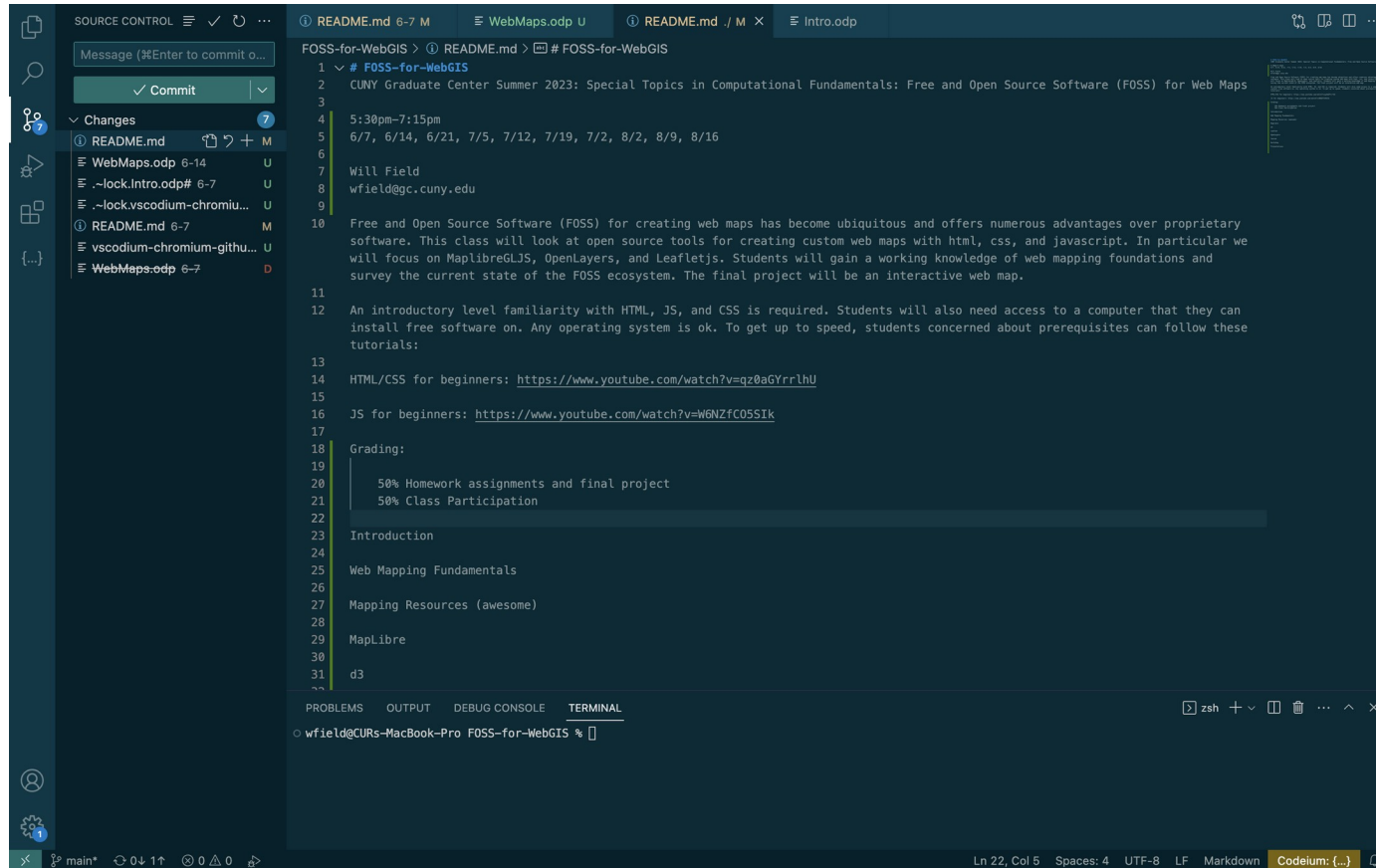
VS Codium/VS Code



VS Codium/VS Code



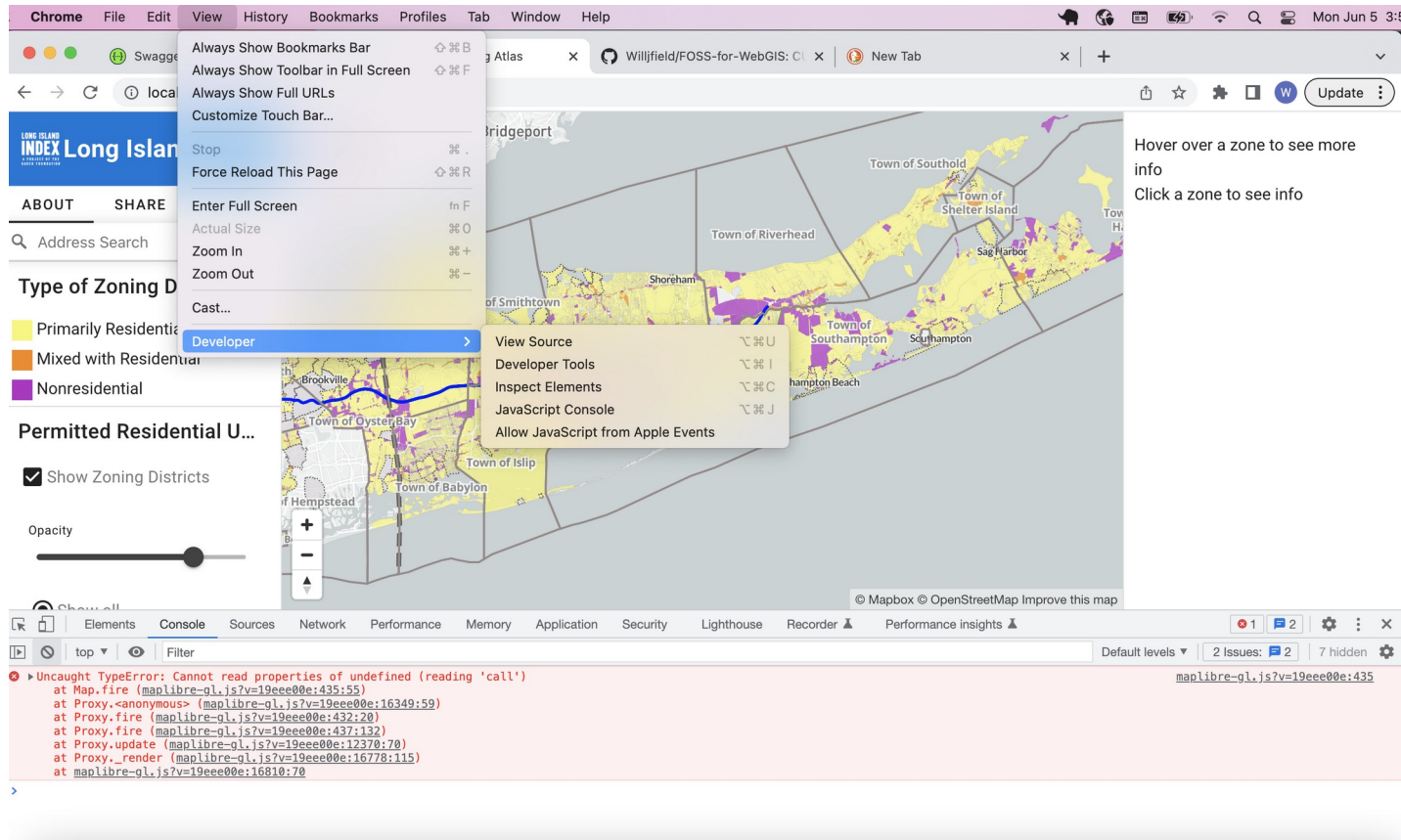
VS Codium/VS Code



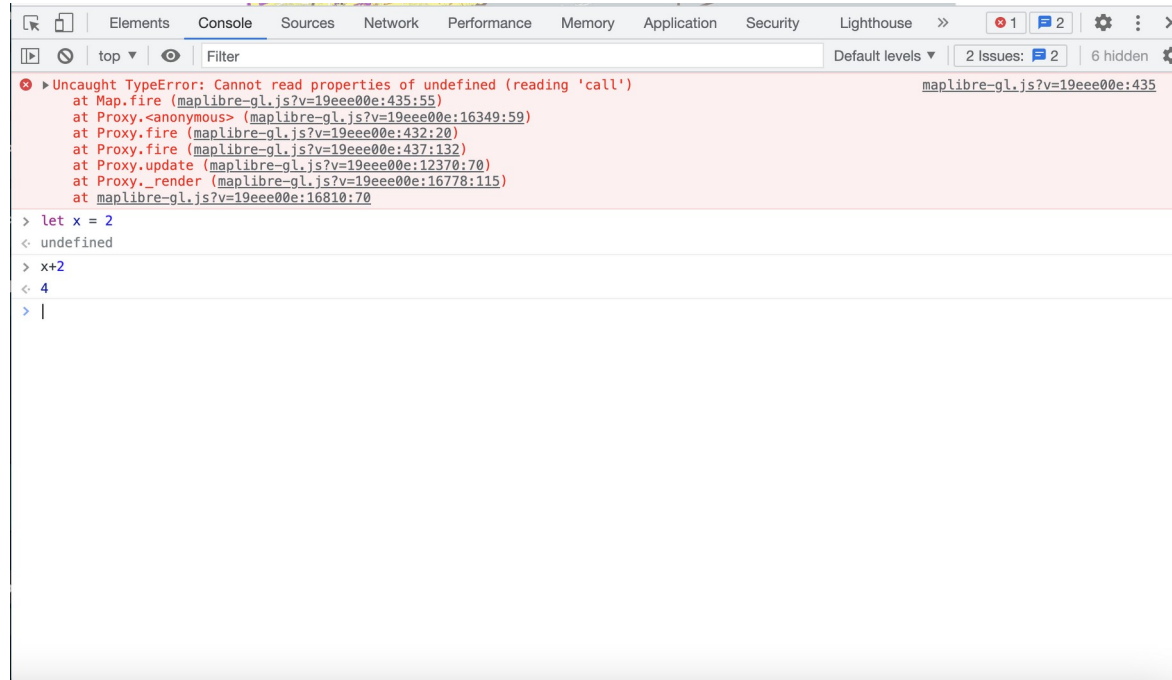
Chromium/Chrome

- <https://download-chromium.appspot.com/>
- <https://www.google.com/intl/en/chrome/canary/>
- <https://www.google.com/intl/en/chrome/>

Chromium/Chrome



Chromium/Chrome



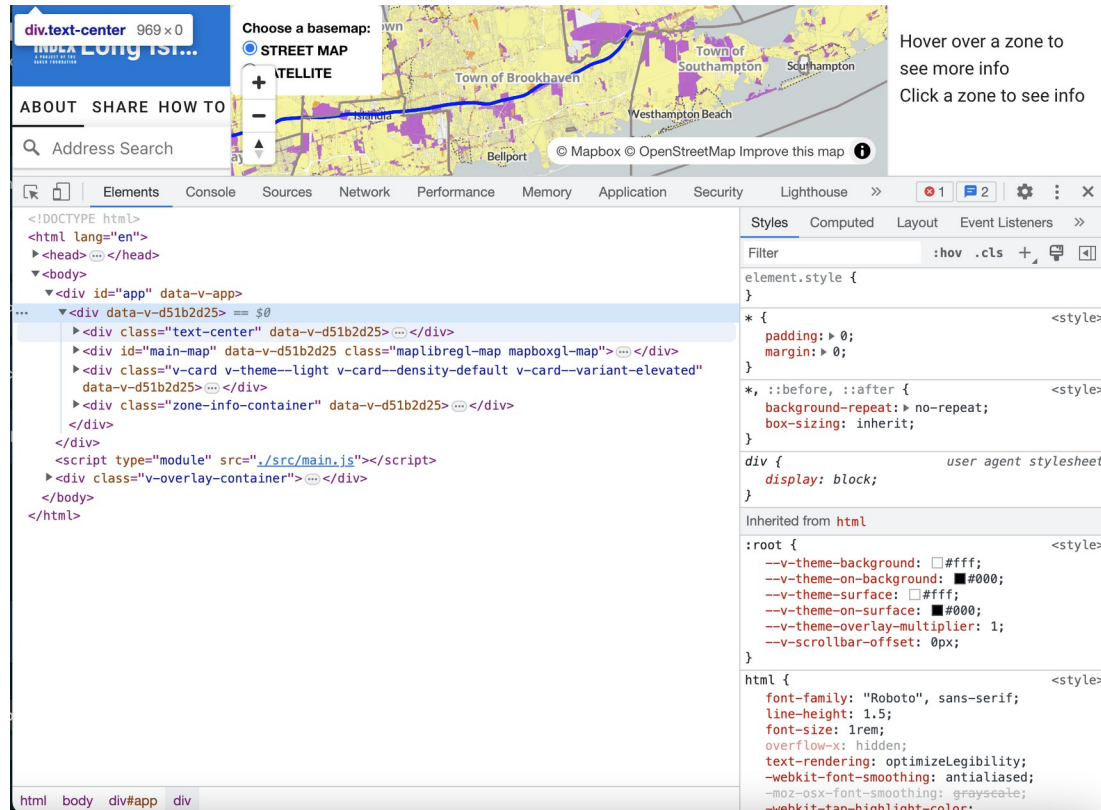
Chromium/Chrome

The screenshot shows the Chrome DevTools Network tab with a list of requests. The 'Name' column shows requests for vector tiles and fonts. The 'Status' column shows all requests as 200. The 'Size' column shows the size of the responses. The 'T' column shows the time taken for each request. The 'Waterfall' column shows a timeline of the requests. The bottom of the screenshot shows the summary: 215 requests, 5.8 MB transferred, 10.1 MB resources.

Name	Url	Status	Size	T	Waterfall
0-255.pbf?access_tok...	https://api.mapbox.com/fonts/v1/cunycur/DIN%20Pro%20Regul...	200	38.3 kB	2..	
0-255.pbf?access_tok...	https://api.mapbox.com/fonts/v1/cunycur/DIN%20Pro%20Medi...	200	40.5 kB	2..	
0-255.pbf?access_tok...	https://api.mapbox.com/fonts/v1/cunycur/Lato%20Bold,Arial%2...	200	45.1 kB	2..	
0-255.pbf?access_tok...	https://api.mapbox.com/fonts/v1/cunycur/Open%20Sans%20B...	200	43.8 kB	2..	
data:image/svg+xml;...	data:image/svg+xml;charset=utf-8,%3Csvg xmlns='http://www....	200	(memory ca...	0..	

215 requests | 5.8 MB transferred | 10.1 MB resources

Chromium/Chrome



The screenshot displays a web browser window with a map application. The map shows a street view of a coastal area with labels for 'Town of Brookhaven', 'Town of Southampton', 'Southampton', 'Westhampton Beach', and 'Bellport'. A blue line indicates a path or route. The browser's developer tools are open, showing the HTML structure and CSS styles.

HTML Structure:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    </head>
  <body>
    <div id="app" data-v-app>
      <div data-v-d51b2d25>
        <div class="text-center" data-v-d51b2d25>
          <div id="main-map" data-v-d51b2d25 class="maplibregl-map mapboxgl-map">
            <div class="v-card v-theme--light v-card--density-default v-card--variant-elevated" data-v-d51b2d25>
              <div class="zone-info-container" data-v-d51b2d25>
            </div>
          </div>
          <script type="module" src="/src/main.js"></script>
          <div class="v-overlay-container">
        </div>
      </div>
    </body>
  </html>
```

CSS Styles:

```
element.style {
  padding: 0;
  margin: 0;
}

*, ::before, ::after {
  background-repeat: no-repeat;
  box-sizing: inherit;
}

div {
  display: block;
}

Inherited from html
:root {
  --v-theme-background: #fff;
  --v-theme-on-background: #000;
  --v-theme-surface: #fff;
  --v-theme-on-surface: #000;
  --v-theme-overlay-multiplier: 1;
  --v-scrollbar-offset: 0px;
}

html {
  font-family: "Roboto", sans-serif;
  line-height: 1.5;
  font-size: 1rem;
  overflow-x: hidden;
  text-rendering: optimizeLegibility;
  -webkit-font-smoothing: antialiased;
  -moz-osx-font-smoothing: grayscale;
  -webkit-tap-highlight-color: transparent;
}
```

Hover over a zone to see more info
Click a zone to see info