

Tracking Kenwood GPS Radios in SarTopo

Step 1:

Start Sartopo/Caltopo offline server



There should be a shortcut on your desktop, it might look different or have a slightly different description text. Double click on it.

Feel free to minimize this window, but do not close it. It must be open in the background for this all to work.

These two addresses both describe the network address where the sartopo offline server can be found. They're important, and we'll use them in the next step!

A screenshot of a Windows application window titled 'caltopo-desktop'. The window has a black background with white text. The text inside the window includes a caution message, a welcome message with a timestamp, server addresses, a tile directory path, and cache sizes. The window has standard Windows window controls (minimize, maximize, close) in the top right corner.

```
caltopo-desktop
CAUTION: THIS IS A NIGHTLY DEVELOPMENT BUILD

Welcome to CalTopo Desktop nightly 4210, 12/15/20 03:06:41
Temp data unpacked to C:\Users\Jesse\AppData\Local\Temp\winstoneEmbeddedWAR

Server Addresses:
  http://localhost:8080/
  http://Boomer:8080/

TILE Directory:C:\Users\Jesse\CalTopo\data\tiles
Adding On Heap Cache of Size: 52428800
Adding Off Heap Cache of Size: 209715200
```

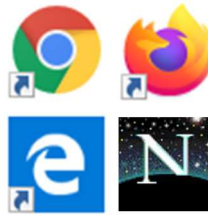
There will sometimes be all sorts of scary looking warning messages here. Ignore them. Grit your teeth and push the anxiety deep deeeep down.

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Step 2:

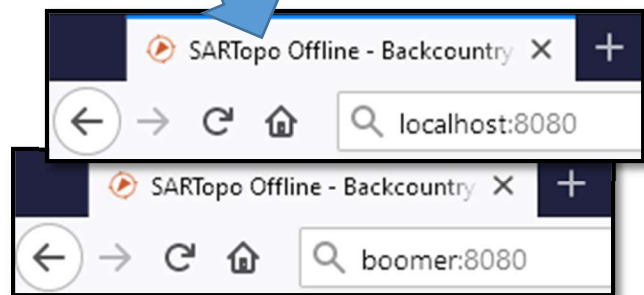
Make or find a map to which you want to add the tracking data

Open a browser window in whichever browser you love, nerd.



Navigate to offline Sartopo, using one of the addresses from the black screen from Step 1. Use the first address if you're on the same computer as the server is running, or the second address if you're on a different computer on the same network.

```
Server Addresses:  
http://localhost:8080/  
http://Boomer:8080/
```



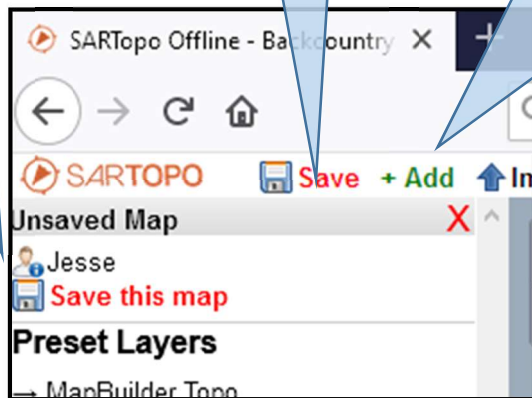
Open a previously made map by clicking on your name (or your organization's name).

OR

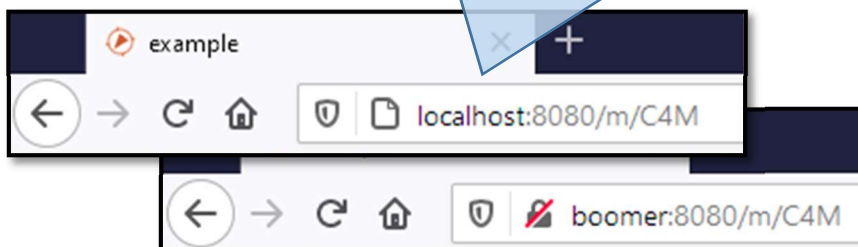
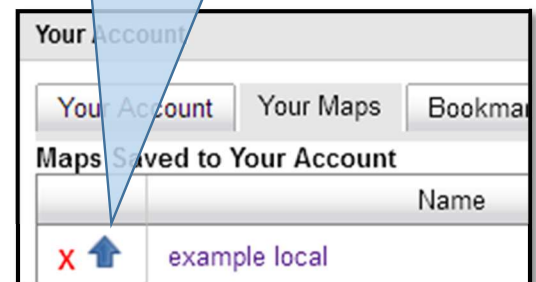
Create a new map by clicking on SAVE.

If SAVE does not appear, you need to modify the map at least a little bit before you can save it. Add a marker anywhere on the map and SAVE should appear! Magic!

If you create a new map and want it to sync with the online version of Sartopo, make sure to click on your name (or your organization's name) and then enable uploading by clicking on the blue arrow beside the map you just created.



The browser address will change to include /m/ and your map's 3 or 4-character identifier. Copy the entire address string (CTRL+C), so we can use it in the next step.



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Step 3:

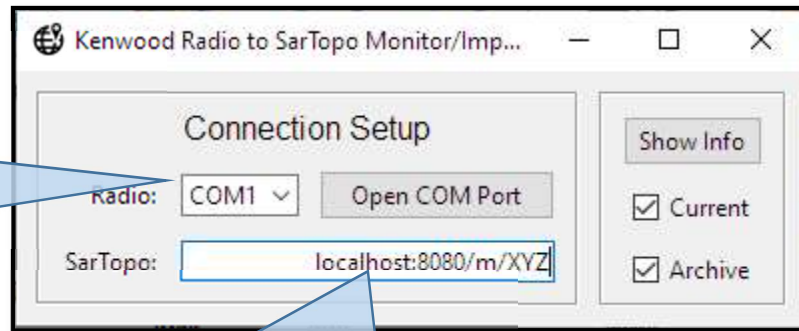
Start radio tracking app



Running random exe files you find on the internet is a bad idea. In this case swallow hard, ignore every piece of advice that you've ever been given about malware and viruses, and double click on it! It's legit, trust me, *would I lie to you?*

Give it a couple of second to load... and **TADA!**

Pick whichever COM port your radio is connected to, and click on **Open COM Port**.



Remember that map address string that you copied from Step 2? Paste it in here! (CTRL+V)

Reminder: If you're on the same computer as the Sartopo offline server (the scary black DOS box), you can use localhost:8080 address, otherwise use the second address that has your computer's name in it.

That's it, you're done. Horray!

If you have any questions about what various buttons and things do, just hover over them and they'll tell you.

If you still have questions, or if something funny happens, let me know: katton@gmail.com