

Vessel Locate Challenge

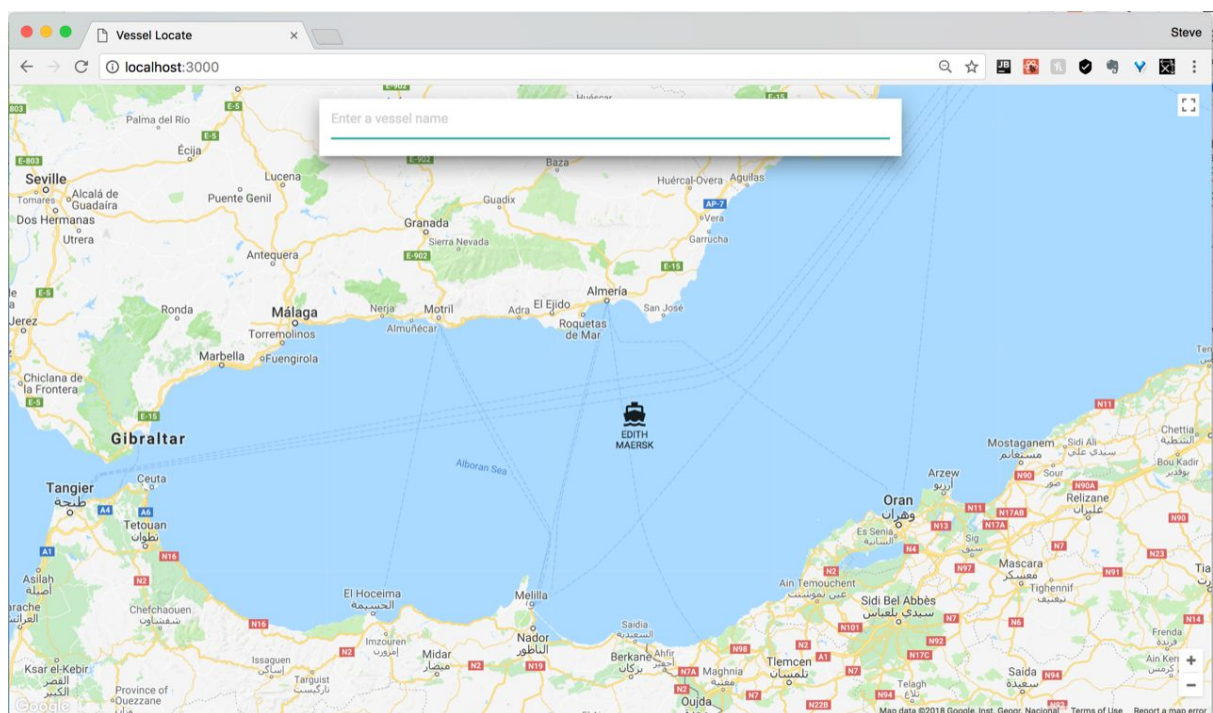
Technologies

Use the following technologies:

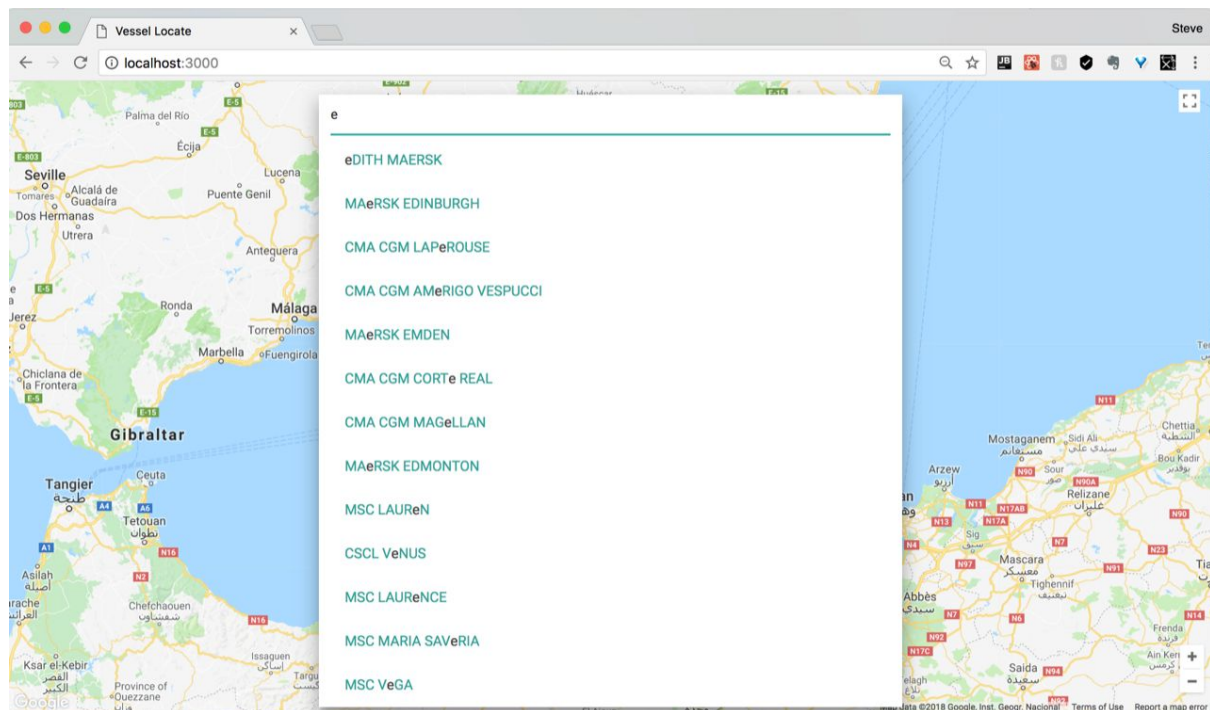
- [Meteor](#) and Meteor methods instead of MongoDB/Node/Express
- React (just straight React, no Redux)
- Use <https://material-ui.com/>
- Google Maps
- Any open source components you wish (might help you with React and Google maps)
- Add react-router
- Create a route for an about page
- Create a very simple about page (three sections: about paragraph, address, contact form)
- Use material-ui grid and make it responsive
- Create a material-ui theme and inject it into all pages
- Create styles per page and utilize the theme within the styles object
- In the page content use the styles through the classes prop
- Get familiar with simpl-schema
- Convert to simpl-schema and enforce validation when running a data seeder/fixture

Goal

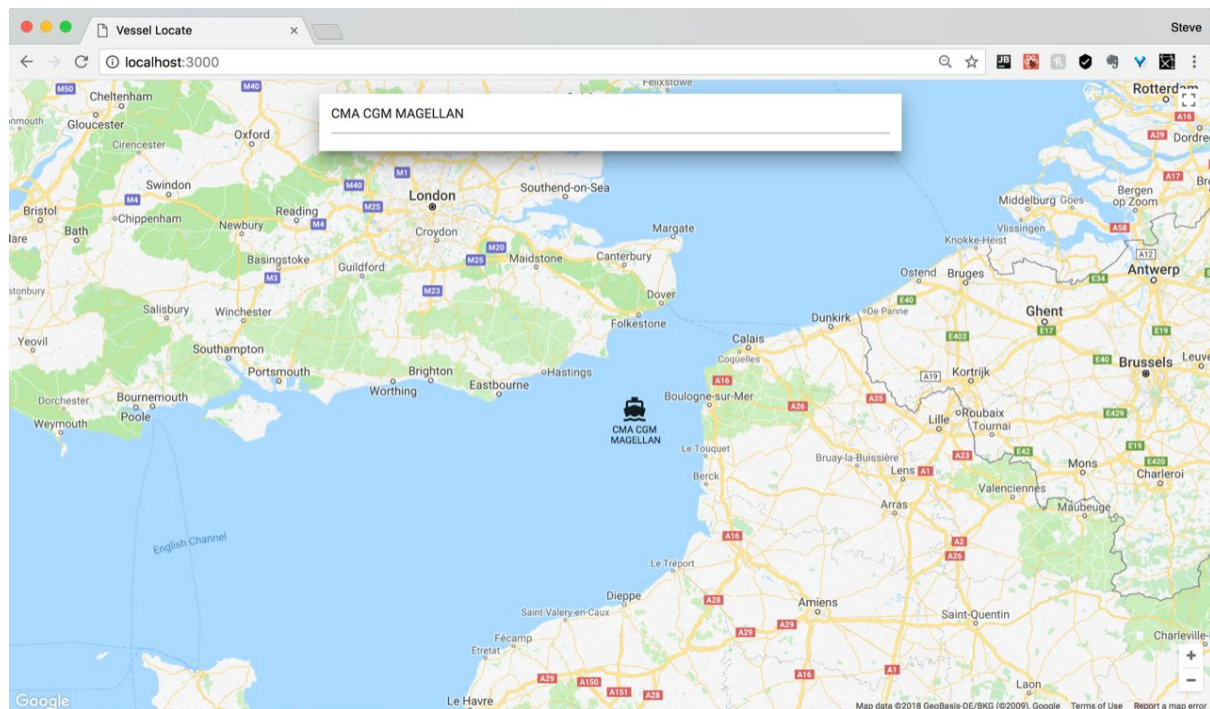
Make a UI that let's you type in the name of a ship:



it should autosuggest ship names as you type:



When a ship is selected from the list, the map centers to the last known coordinate for that ship:



API

You get the last-known-coordinates for a ship by passing ship data to this REST API:

<https://api.aprs.fi/api/get?name=> + mmsi +
'&what=loc&apikey=109676.BrVSr9i6TpbMbBe&format=json'

Caution: there may not be information for a particular ship. Handle this case in the UI as you wish.

Data

The ship data for use in the UI and REST API is in this json file: