

Full-stack Developer Problem

An [R Blogging Post from September, 2014](#) describes how to create a visualization of every IPv4 address in the world.

Using a JavaScript library such as [Leaflet.js](#) and [Leaflet.heat](#), to create an interactive heat map visualization of all the IPv6 addresses in the world.

Requirements

- Define a REST endpoint that returns a list of coordinates within a geographic coordinate bounding box. *Hint:* In order to be as efficient as possible you might use protocol buffers. You may need to fine tune the resolution of this data in order to improve performance.
- Use the REST endpoint in a single-page JavaScript application to display the data to a user.

Bonus

- Any tests that you write to verify behavior
- Front-end performance should be fast
- REST endpoint should be able to be recalculated given a redeployment of the data zip file

Submission

- Any code you wrote should be submitted
- A live server deployment to test what you've written