|  |  |
| --- | --- |
|  | // script.js |
|  |  |
|  | /////////////////////////////////////////////////////////////////////////////// |
|  | // |
|  | // This the Javascript file we'll use to make our leaflet map |
|  | // Based on Maptime Boston leaflet tutorial: |
|  | // https://maptimeboston.github.io/leaflet-intro/ |
|  | // |
|  | /////////////////////////////////////////////////////////////////////////////// |
|  |  |
|  | // initialize the map |
|  | // We pass the div with id "map" to the L.map function |
|  | var map = L.map('map') |
|  | // set initial map view to Boston with zoom level 13 |
|  | .setView([39.47, -95.41], 4); |
|  |  |
|  | // load a tile layer |
|  | // loading the base layer of map tiles using a URL template |
|  | // this template ({z}/{x}/{y}) allows leaflet to locate tiles with the |
|  | // correct zoom, x, and y coordinates |
|  | L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', { |
|  | maxZoom: 19, |
|  | attribution: '&copy; <a href="http://www.openstreetmap.org/copyright">OpenStreetMap</a>' |
|  | }) |
|  | // use the .addTo method to add the tile layer to the map. |
|  | .addTo(map); |
|  |  |
|  | // Visit http://leaflet-extras.github.io/leaflet-providers/preview/ |
|  | // Have fun playing around with different basemaps that are available to use in Leaflet |
|  |  |
|  | // FIXME: Load CSV data into leaflet markers |
|  | // Try Googling "leaflet csv" for a number of options |
|  | // One of the most basic of these is leaflet-omnivore (which handles much more |
|  | // than just CSV files) |
|  | // ref: https://github.com/mapbox/leaflet-omnivore |
|  |  |
|  | // FIXME: Add styling to markers |
|  | // hint: refer to this tutorial for an example of how to do this: |
|  | // ref: https://leafletjs.com/examples/custom-icons/ |
|  | // Use airport.png image file |

1. // script.js
2. ///////////////////////////////////////////////////////////////////////////////
3. //
4. // This the Javascript file we'll use to make our leaflet map
5. // Based on Maptime Boston leaflet tutorial:
6. // <https://maptimeboston.github.io/leaflet-intro/>
7. //
8. ///////////////////////////////////////////////////////////////////////////////
9. // initialize the map
10. // We pass the div with id "map" to the L.map function
11. var map = L.map('map')
12. // set initial map view to Boston with zoom level 13
13. .setView([39.47, -95.41], 4);
14. // load a tile layer
15. // loading the base layer of map tiles using a URL template
16. // this template ({z}/{x}/{y}) allows leaflet to locate tiles with the
17. // correct zoom, x, and y coordinates
18. L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {
19. maxZoom: 19,
20. attribution: '&copy; <a href="http://www.openstreetmap.org/copyright">OpenStreetMap</a>'
21. })
22. // use the .addTo method to add the tile layer to the map.
23. .addTo(map);
24. // Visit <http://leaflet-extras.github.io/leaflet-providers/preview/>
25. // Have fun playing around with different basemaps that are available to use in Leaflet
26. // FIXME: Load CSV data into leaflet markers
27. // Try Googling "leaflet csv" for a number of options
28. // One of the most basic of these is leaflet-omnivore (which handles much more
29. // than just CSV files)
30. // ref: <https://github.com/mapbox/leaflet-omnivore>
31. // FIXME: Add styling to markers
32. // hint: refer to this tutorial for an example of how to do this:
33. // ref: <https://leafletjs.com/examples/custom-icons/>
34. // Use airport.png image file

/ script.js

///////////////////////////////////////////////////////////////////////////////

//

// This the Javascript file we'll use to make our leaflet map

// Based on Maptime Boston leaflet tutorial:

// https://maptimeboston.github.io/leaflet-intro/

//

///////////////////////////////////////////////////////////////////////////////

// initialize the map

// We pass the div with id "map" to the L.map function

//<div id='map'></div>

//var L.map = map

var map = L.map('map').setView([42.35, -71.08], 13);

// set initial map view to Boston with zoom level 13

// load a tile layer

// load GeoJSON from an external file

//$.getJSON("airports.csv", function(data){

// add GoeJSON layer to the map once the file is loaded

// L.geoJSON(data).addTo(map);

//});

// loading the base layer of map tiles using a URL template

// this template ({z}/{x}/{y}) allows leaflet to locate tiles with the

// correct zoom, x, and y coordinates

L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {

maxZoom: 19,

attribution: '&copy; <a href="http://www.openstreetmap.org/copyright">OpenStreetMap</a>'

})

// use the .addTo method to add the tile layer to the map.

// .addTo(map);

// FIXME: Load CSV data into leaflet markers

//var airports = airports.csv

//airports.csv('data.csv')

//.bindPopup("Every marker has the same message")

//.addTo(map);

// what resource do I need for this?

// airports.csv from webdev2 and https://stackoverflow.com/questions/7431268/how-to-read-data-from-csv-file-using-javascript

//var data = $.csv.toObjects(csv):airport.csv attempted code

// FIXME: Add styling to markers

// Use airport.png

//var AirportIcon = L.Icon.extend({

// options: {

// airport: 'airport.png',

// iconSize: [40. 40],

// iconAnchor: [22, 94],

// popupAnchor: [-3, -76]

// }

//});