

Coding Challenge

Description

Given below RESTful APIs (the response structure is described by **Traffic_Status_Response_Def.json**, refer to this file in the containing folder),

- Retrieve records of traffics between a set of objects:
 - GET: /traffic_status
 - This API returns the data entries in random manner. Don't expect that every call to this API has the same output
 - GET: /traffic_status/frozen
 - This API returns a persisted set of data entries. Every call to this API gives the same output

1. Design and implement a chart/graph that visualize the response of the above APIs.
2. Show your working charts/graphs in one page with the best look and feel that you can come up with.
3. Create a simple instruction on how to run your work.

The toolset to use is limited:

Javascript, CSS, HTML, jQuery, jQuery-mockjax, lodash, Bootstrap and D3.js

Instruction to Run the API Demo:

1. Make sure you have NodeJS (v4.x.x and above) installed globally on your machine. Find the detailed installation instruction from <https://nodejs.org/en/>
2. Open any command-line prompt you know on your machine, set the current directory to the app/ folder.
3. Run "npm install"
4. When the installation is finished, run "npm run start" and open "localhost:8000" in your browser.