Abstract:

Fetching the details of the people who are currently on the International Space Station and marking the current position of the ISS overhead Earth's map.

Introduction:

The idea of the project is to fetch the details of the people present in the International Space station and marking the position of ISS in a map. Details are fetched using open-api and the data collected is parsed and rendered on server side.

Methodology:

The server-side code of the project is written in NodeJS and the client side in Ejs .

Node packages used:

- Express
- Ejs
- Node-fetch
- Leaflet

Leaflet is the leading open-source JavaScript library for mobile-friendly interactive maps.

API used:

- http://api.open-notify.org/

API Endpoints

- o http://api.open-notify.org/astros.json

- o http://api.open-notify.org/iss-now.json

- http request is made to the above end point and is stored in a variable.
- The variable is then rendered to the client side.

- And formatting is done using basic bootstrap and sematic ui components.

Result & Execution:

The result and execution can be seen on my GitHub repo:
https://github.com/ayushsnha/GDG2cc

And the project is hosted on: https://iss-info.herokuapp.com/

(Do allow "load scripts from external source" on your browser otherwise map won't appear)

Conclusion

A webapp has been created which can fetch the details of the iss position and can mark it on map in real time .

References:

- https://leafletjs.com/
- https://www.npmjs.com/package/node-fetch
- https://semantic-ui.com/
- https://getbootstrap.com/