

1.125 – Software Engineering and Architecting

Lecture 13

Review

What We've Covered So Far

HTTP and HTML

JavaScript in the browser

NodeJS, NPM, and JavaScript in the server

Git and GitHub for version control and open source collaboration

Docker and Docker hub for operating system abstraction and dockerization

Cloud Computing with Amazon Web Services for remote computing resource leveraging

Application Programming Interfaces (APIs) like Google Maps

Let's put everything together

In this class we will create a new webserver (using **HTML**, **NodeJS** and **JavaScript**) that anyone can access (using **AWS**) and that can be loaded onto any machine (using **docker** and **docker hub**) to view our own Google Maps clone (using the **Google Maps API**) and we will allow anyone to see our code in an open source manner (using **GitHub**)