about NodeJS: video link: https://www.youtube.com/watch?v=ooBxSg1Cl1w

how it works: using NodeJS we are trying to build a web-server, (for this later on we can use the libraries like Express).

we should have read node documents from nodejs.org/en/docs/guides -> node.js core concepts -> module-related guides

when we see "my api is running on port number XXXX", this is the port number for development segment only. we never even go to the XXXX port. because all the request by default come at the port 80, it is fixed.

LIVUB library: NodeJS has not any capabilities to access the port number, that is the network card of computer.

documentation: docs.libuv.org/en/v1.x/

LIVUB is a library perform I/O operation and perform as an interface between computer and nodeJS. computer network card receive streams of data and it is in bytes format. Here https comes in the picture, http library comes here to talk with the bytes and convert it to string form.

here http have two section, one for in request/IncomingMessages = "req", and another one for out request = "res". both are individual JavaScript object.

in IncomingMessages/"req" majorly have incoming properties.

in the other hand, “res” (response) we send majorly comprises methods. and last method comes .end() to inform other that the current stream has ended.

