Node.js HTTP Module
via Simple Node.js Server

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1   Introduction

This paper is written in order to explain the usage of http module. The concepts will be explained by using simple examples from the application.

2   HTTP Module

HTTP is an application layer network protocol. Most used methods of the HTTP are 'GET', 'POST', 'PUT' and 'DELETE'. In our example we will use 'GET' method. The reason we use the 'GET' method is that, we will only use this method in-order to display the contents of the given path.

We can add a simple line of code to start our http server:

$http.createServer(appController).listen(8080, () => console.log('Applistens8080!'););$

After creating our server we need to route the paths to the related controllers. This functionality is added by giving the *appController* function (will be explained) as an argument. This *appController* function is defined in another package by the developer and is used in-order to route different paths.

$const\ appController = (req, res) => routePath(req, res);$

Routing to different paths is an easy task as-well. The only required thing to do is to check the request method and request URL by using if-else (or switch statements) and calling the appropriate functions. In these functions developer can manipulate the response (res) to send the client. Necessary headers, body and many more attributes can be added. After adding these features developer shouldn't forget to add res.end() statement.

$res.writeHead(200, 'Content - Type' :' text/html,');$
$res.write("some\_html\_or\_text\_stuff");$

res.end();

3   Conclusion

I hope the parts of the code related to the http module are clear and useful.
I also strongly recommend the reader to read the resources explained below.
Thank you for checking out my code and reading my paper :)

4   Resources

- https://nodejs.dev/learn/get-http-request-body-data-using-nodejs

- https://www.w3schools.com/nodejs/nodejs_http.asp

- https://nodejs.org/api/http.html