Lappeenrannan teknillinen yliopisto

School of Business and Management

Software Development Skills

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LEARNING DIARY, NODEJS MODULE

LEARNING DIARY

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I started NodeJS module and watched NodeJS introduction course today. I learnt what is JavaScript and NodeJS and what is the difference between both. I also learnt about NodeJS runtime and ExpressJS framework and the difference between these two. I also learnt about Node Package Manager. Now I know how to install dependencies using NPM in my project. I learned different modules in NodeJS, for instance path, fs, http etc. I learned to initialize NPM repository using npm init. I also got aware of most used npm commands like npm install. I got the understanding of package.json file and its role in a bigger picture. I also learnt creating and exporting custom modules in the NodeJS.

I studied file handling (like reading from or writing to a file, or renaming a file), asynchronous behavior of NodeJS, classes and constructors. I also learned OS module of NodeJS to get the operating system information inside NodeJS code. Also learned the url module and learned to get information using url module in NodeJS. Learned events module and learned how to crate new event and bind it to the event handler. Then I went through the http module of NodeJS which made me able to create new web server and host a web application. I also learned NodeJS API demonstrated in the lecture video. Learned error handling on the server side, for instance, how to show not found page in case the path is not found on a website. I also learned the exception handling in NodeJS application. Now I am able to create a very basic simple application using NodeJS.