QUICKSTART
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Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration:

Node.js Services Development (LFW212)

About this Course:

This course provides a deep dive into Node core HTTP clients and servers, web servers, RESTful services and web security essentials. With a major focus on Node.js services and security this content is an essential counterpart to the Node.js Application Development (LFW211) course, and will prepare you for the OpenJS

Node.js Services Developer

Course Objectives:

In this course, students will learn how to create web servers and leverage ecosystem frameworks for rapid composability. Students will also learn how HTTP works at a Node core API level, what the essential RESTful practices are, and what is needed to implement RESTful services. Finally, they will develop skills needed for server and service composition. After completing this course, students will be able to build RESTful JSON services that are secure and straightforward to maintain. These skills will prepare students for some of the most common Node.js roles in the industry today. The course also prepares you to take the OpenJS Node.js Services Developer certification

Audience:

This course is designed for developers on their way to senior level who wish to master and demonstrate their Node.js knowledge and skills, in particular how to use Node with frameworks to rapidly and securely compose servers and services. Before enrolling, students should know how to use a command line terminal, and be familiar with JavaScript as well as knowledge domains of the OpenJS Node.js Application Developer (JSNAD) program

Prerequisites:

Before taking this course, you should be familiar with:

- Command line terminal
- JavaScript
- Knowledge domains of JSNAD

Course Outline:

Chapter 1. Course Introduction

Chapter 2. Setting Up

Chapter 3. Creating a Web Server

Chapter 4. Serving Web Content

Chapter 5. Creating RESTful JSON Services

Chapter 6. Manipulating Data with RESTful Services

Chapter 7. Consuming and Aggregating Services

Chapter 8. Proxying HTTP Requests

Chapter 9. Web Security: Handling User Input

Chapter 10. Web Security: Mitigating Attacks

https://www.quickstart.com/node-js-services-development-lfw212.html