Training: The Linux Foundation
LFW211 Node.js Application Development

TRAINING GOALS:

This course provides core skills for effectively harnessing a broad range of Node.js capabilities at depth, equipping the student with rigorous foundational skills and knowledge that will translate to building any kind of Node.js application or library. In the case of HTTP-based Node.js applications (or Node.js services) this content is an essential counterpart to the upcoming Node.js Services Development (LFW212) course. While by design the training content covers everything but HTTP and web frameworks, the crucial fundamentals presented prepares the student to work with web applications along with all types of Node.js applications. This includes command line tools, real-time applications, network applications, desktop applications, build tools and more.

Course objectives

By taking this course, students will be fully prepared for the OpenJS Node.js Application Developer Certification and acquire pragmatic knowledge and core skills that accelerate both Node.js productivity and career growth.

CONSPECT:

- Course Introduction
- Setting Up
- The Node Binary
- Debugging & Diagnostics
- Key JavaScript Concepts
- Packages & Dependencies
- Node’s Module System
- Asynchronous Control Flow
- Node’s Event System
- Handling Errors
- Using Buffers
- Working with Streams
- Interacting with the File System
- Process & Operating System
- Creating Child Processes

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- Writing Unit Tests

REQUIREMENTS:

- Knowledge of how to use a command line terminal
- MacOS, Windows or Linux platforms are supported

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by The Linux Foundation.

TRAINER:

Certified The Linux Foundation Trainer.

ADDITIONAL INFORMATION:

Delivery Method - Online Self-Paced

Includes

- 16-20 hours of Course Material
- Hands-on Labs & Assignments
- No Video Content
- 12 Months of Access to Online Course
- Digital Badge
- Discussion Forum

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