

A Beginners Guide to Linux Kernel Development (LFD103)

Modality: On Demand

Duration:

This course will prepare you to configure a development system, use git, write kernel patches, test patches, write commit logs, send patches, and work with the Linux kernel community.

Course Outline:

Chapter 1. Course Introduction

Chapter 2. Linux Kernel Development Process

Chapter 3. Patches

Chapter 4. Working with the Linux Kernel Community

Chapter 5. Configuring Your Development System

Chapter 6. Exploring Linux Kernel Sources

Chapter 7. Building and Installing Your First Kernel

Chapter 8. Writing Your First Kernel Patch

Chapter 9. Getting Your Patch Ready and Sending It

Chapter 10. Kernel and Driver Building, Loading and Dependencies

Chapter 11. All About Testing

Chapter 12. Debugging Basics

Chapter 13. Tips to Continue Your Kernel Journey

Chapter 14. Frequently Asked Questions