A Beginner's Guide to Linux Kernel Development (LFD103)

Learn how to become a Linux kernel developer and contributor with this free training course.

Duration: 2 Days

Prerequisites for this course

- o Proficient in C and Shell.
- o Kernel development experience desired (not required)

Outline for this course

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