

Open Source Software Development: Linux for Developers (LFD107x)

Start your open source software (OSS) adventure today by learning the key concepts of developing open source software and how to work productively in a Linux environment.

Duration: 2 Days

Prerequisites for this course

- This course is for developers with experience working on any operating system who want to understand the basics of open source development.
- Experience with the command line is not necessary, but would be helpful.

Outline for this course

Chapter 1 – Open Source Software

Chapter 2 – Why Use Open Source Software?

Chapter 3 – Examples of Successful OSS Projects

Chapter 4 – OSS Licensing and Legal Issues

Chapter 5 – How to Work in OSS Projects

Chapter 6 – Leadership vs Control and Why Projects Fail

Chapter 7 – Respecting and Encouraging Diversity in OSS

Chapter 8 – Continuous Integration

Chapter 9 – GitHub and Other Hosting Providers

Chapter 10 – Linux and the Operating System

Chapter 11 – Graphical Environments and Interfaces

Chapter 12 – System Administration

Chapter 13 – Getting Help

Chapter 14 – Text Editors

Chapter 15 – Shells, Bash, and the Command Line

Chapter 16 – Filesystem Layout, Partitions, Paths, and Links

Chapter 17 – System Initialization

Chapter 18 – Memory

Chapter 19 – Command Details

Chapter 20 – Users and Groups