

Red Hat Linux Programming

RHD251



Duration: 2 days

Overview

The Red Hat® Linux® Programming (RHD251) course rapidly trains programmers to develop applications and programs on Red Hat Enterprise Linux. Over the span of 5 days, students are provided hands-on training, concepts, and demonstrations with emphasis on realistic labs and programming exercises.

Pre-Requisites

- ✓ Experience in C programming
- ✓ Red Hat Linux System Administration (RH135 or RH200), or equivalent UNIX or Linux workstation user skills for development
- ✓ Shell scripting in a UNIX or Linux environment
- ✓ Experience with text editors (vi, emacs)

Objectives

- ✓ GCC - GNU Compiler Collection
- ✓ Building Software with Make
- ✓ The GNU C Library and System Calls
- ✓ Program Arguments and Environment
- ✓ Building Libraries
- ✓ Time Functions

- ✓ Process Management
- ✓ Memory Operations
- ✓ Debugging
- ✓ Basic File Operations
- ✓ Communicating with Pipes
- ✓ Managing Signals
- ✓ Programming with Threads
- ✓ Advanced File Operations
- ✓ Interprocess Communication (IPC)
- ✓ Basic Network Programming
- ✓ Working with the Linux Community

Target Audience

Experienced C programmers who want to learn key skills for creating applications and programs on Red Hat Enterprise Linux and Microsoft Windows and UNIX programmers migrating their software to Linux.

Follow on Courses

- ✓ RHD361, Red Hat Enterprise Linux Kernel Internals