Linux in a Nutshell, 5th Edition
By Stephen Figgins, Robert Love, Arnold Robbins, Ellen Siever, Aaron Weber

Publisher: O'Reilly
Pub Date: July 2005
Pages: 944
Slots: 1.0

Table of Contents | Index | Errata

Copyright

Preface

Chapter 1. Introduction
Section 1.1. The Excitement of Linux
Section 1.2. Distribution and Support
Section 1.3. Commands on Linux
Section 1.4. What This Book Offers
Section 1.5. Sources and Licenses
Section 1.6. Beginner's Guide

Chapter 2. System and Network Administration Overview
Section 2.1. Common Commands
Section 2.2. Overview of Networking
Section 2.3. Overview of TCP/IP
Section 2.4. Overview of Firewalls and Masquerading
Section 2.5. Overview of NFS
Section 2.6. Overview of NIS
Section 2.7. Administering NIS
Section 2.8. RPC and XDR

Chapter 3. Linux Commands
Section 3.1. Alphabetical Summary of Commands

Chapter 4. Boot Methods
Section 4.1. The Boot Process
Section 4.2. LILO: The Linux Loader
Section 4.3. GRUB: The Grand Unified Bootloader
Section 4.4. GRUB Commands
Section 4.5. Dual-Booting Linux and Windows NT/2000/XP
Section 4.6. Boot-Time Kernel Options
Section 4.7. initrd: Using a RAM Disk

Chapter 5. Package Management
Section 5.1. The Red Hat Package Manager
Section 5.2. Yum: Yellowdog Updater Modified
Section 5.3. up2date: Red Hat Update Agent
Section 5.4. The Debian Package Manager

Chapter 6. The Bash Shell and Korn Shell
Section 6.1. Overview of Features
Section 6.2. Invoking the Shell
Section 6.3. Syntax
Section 6.4. Functions
Section 6.5. Variables
Section 6.6. Arithmetic Expressions
Section 6.7. Command History
Section 6.8. Job Control
Section 6.9. Command Execution
Section 6.10. Restricted Shells
Section 6.11. Built-in Commands (Bash and Korn Shells)

Chapter 7. Pattern Matching
Section 7.1. Filenames Versus Patterns
Section 7.2. Metacharacters
Section 7.3. Metacharacters, Listed by Program
Section 7.4. Examples of Searching

Chapter 8. The Emacs Editor
Section 8.1. Conceptual Overview
Section 8.2. Command-Line Syntax
Section 8.3. Summary of Commands by Group
Section 8.4. Summary of Commands by Key
Section 8.5. Summary of Commands by Name

Chapter 9. The vi, ex, and vim Editors
Section 9.1. Conceptual Overview
Section 9.2. Command-Line Syntax
Section 9.3. Review of vi Operations
Section 9.4. vi Commands
Section 9.5. vi Configuration
Section 9.6. ex Basics
Section 9.7. Alphabetical Summary of ex Commands

Chapter 10. The sed Editor
Section 10.1. Conceptual Overview
Section 10.2. Command-Line Syntax
Section 10.3. Syntax of sed Commands
Section 10.4. Group Summary of sed Commands
Section 10.5. Alphabetical Summary of sed Commands

Chapter 11. The gawk Programming Language
Section 11.1. Conceptual Overview
Section 11.2. Command-Line Syntax
Section 11.3. Patterns and Procedures
Section 11.4. Built-in Variables
Section 11.5. Operators
Section 11.6. Variable and Array Assignment
Section 11.7. User-Defined Functions
Section 11.8. Gawk-specific Features
Section 11.9. Implementation Limits
Section 11.10. Group Listing of awk Functions and Commands
Section 11.11. Alphabetical Summary of awk Functions and Commands
Section 11.13. Source Code

Chapter 12. Source Code Management: An Overview
Section 12.1. Introduction and Terminology
Section 12.2. Usage Models
Section 12.3. Source Code Management Systems
Section 12.4. Other Source Code Management Systems

Chapter 13. The Concurrent Versions System (CVS)
Conceptual Overview
Command-Line Syntax and Options
Dot Files
Environment Variables
Keywords and Keyword Modes
Dates
CVSROOT Variables