All Unix Commands With Examples Wordpress

This book shows how UNIX can be used effectively in the preparation of written documents, especially in the process of producing book-length documents, i.e. typesetting. As this book will demonstrate the tools available in the UNIX environment, it is also valuable to examine text processing in terms of problems and solutions: the problems faced by a writer undertaking a large writing project and the solutions offered by using the resources and power of a computer system.

UNIX expert Randal K. Michael guides you through every detail of writing shell scripts to automate specific tasks. Each chapter begins with a typical, everyday UNIX challenge, then shows you how to take basic syntax and turn it into a shell scripting solution. Covering Bash, Bourne, and Korn shell scripting, this updated edition provides complete shell scripts plus detailed descriptions of each part. UNIX programmers and system administrators can tailor these to build tools that monitor for specific system events and situations, building solid UNIX shell scripting skills to solve real-world system administration problems.

A handy book for someone just starting with Unix or Linux, and an ideal primer for Mac and PC users of the Internet who need to know a little about Unix on the systems they visit. The most effective introduction to Unix in print, covering Internet usage for email, file transfers, web browsing, and many major and minor updates to help the reader navigate the ever-expanding capabilities of the operating system.

Learn how to create and develop shell scripts in a step-by-step manner increasing your knowledge as you progress through the book. Learn how to work the shell commands so you can be more productive and save you time.

Unix for Oracle DBAs Pocket Reference

Bash, Bourne, and Korn Shell Scripting for Programmers, System Administrators, and UNIX Gurus

UNIX® User's Handbook, Second Edition

Command Syntax and Scripts

A Desktop Quick Reference for System V Release 4 and Solaris 2.0

Universal Command Guide

Covering all aspects of the Unix operating system and assuming no prior knowledge of Unix, this book begins with the fundamentals and works from the ground up to some of the more advanced programming techniques The authors provide a wealth of real-world experience with the Unix operating system, delivering actual examples while showing some of the common misconceptions and errors that new users make Special emphasis is placed on the Apple Mac OS X environment as well as Linux, Solaris, and migrating from Windows to Unix A unique conversion section of the book details specific advice and instructions for transitioning Mac OS X, Windows, and Linux users

This Nutshell Handbook® is a thorough introduction to the Korn shell, both as a user interface and as a programming language.The Korn shell, like the C and Bourne shells, is a program that interprets UNIX commands. It has many features that aren't found in other shells, including command history (the ability to recall and edit previous commands). The Korn shell is also faster; several of its features allow you to write programs that execute more quickly than their Bourne or C shell equivalents.This book provides a clear and concise explanation of the Korn shell's features. It explains ksh string operations, co-processes, signals and signal handling, and one of the worst "dark corners" of shell programming: command-line interpretation. It does this by introducing simple real-life examples and then adding options and complexity in later chapters, illustrating the way real-world script development generally proceeds. An additional (and unique) programming aid, a Korn shell debugger (kshdb), is also included.Learning the Korn Shell is an ideal resource for many UNIX users and programmers, including software developers who want to "prototype" their designs, system administrators who want to write tools for their own use, and even novices who just want to use some of ksh's more advanced interactive features.

HP-UX 11i System Administration Handbook and Toolkit, second edition, is your singlesource for everything HP-UX administrators need to know! Now updated to cover new HP-UX 11i andpartitioning enhancements, plus every essential UNIX command. Covers installation, boot, kernel,devices, users, groups, SAM, Veritas VM, LVM, optimization, networking, GNOME, auditing, UNIXfile types and commands, vi, and shell programming. Includes extensive new disk partitioningcoverage: vPars, PRM, nPartitions, and MC/ServiceGuard. CD-ROM: new HP-UX performance managementtrialware, sysadmin "Cheat Sheets," and more.

This is an epub3 version with landmarks and pagelist. This book introduces the Unix command line interface to users. Unix originally supported only a command line interface. Though most Unix systems now support GUI interfaces, all are based on the original command line interface. Many people still find it easier to use the command line for operations. Instead of trying to figure out how to click through a GUI interface to do a certain task, you just have to type a few words. The focus of this book is on users, describing user tools and applications for the command line, not administration tasks. The text is organized to carefully introduce you to Unix without overwhelming you with a mass of commands and programs. In Part 1, you learn how to get started using the command line interface. In Parts 2 and 3, you learn essential features of Unix needed to perform everyday tasks such as file management and shell operations. Together, Parts 1, 2, and 3 form a core level of understanding that you need to have in order to successfully work with Unix. Parts 4, 5, and 6 consist of topics that you can select depending on your needs, such as data and edit filters, awk programming, email, Ftp access, and editors.

A Practical Guide to the UNIX System

UNIX

The Linux Command Line

UNIX in a Nutshell

Guide to UNIX Using Linux

Unix and C Programming

Think your Mac is powerful now? This practical guide shows you how to get much more from your system by tapping into Unix, the robust operating system concealed beneath OS X's beautiful user interface. OS X puts more than a thousand Unix commands at your fingertips—for finding and managing files, remotely accessing your Mac from other computers, and using freely downloadable open source applications. If you're an experienced Mac user, this updated edition teaches you all the basic commands you need to get started with

Unix. You'll soon learn how to gain real control over your system. Get your Mac to do exactly what you want, when you want Make changes to your Mac's filesystem and directories Use Unix's find, locate, and grep commands to locate files containing specific information Create unique "super commands" to perform tasks that you specify Run multiple Unix programs and processes at the same time Access remote servers and interact with remote filesystems Install the X Window system and learn the best X11 applications Take advantage of command-line features that let you shorten repetitive tasks

The Unix for Oracle DBAs Pocket Reference puts within easy reach the commands that Oracle database administrators need most when operating in a Unix environment. If you are an Oracle DBA moving to Unix from another environment such as Windows NT or IBM Mainframe, you know that these commands are far different from those covered in most beginning Unix books. To jump start your learning process, Don Burleson has gathered together in this succinct book the Unix commands he most often uses when managing Oracle databases. You'll be able to reach into your pocket for the answer when you need to know how to: Display all Unix components related to Oracle, identify the top CPU consumers on your server, and even kill processes when necessary Stack Unix commands into powerful scripts that can perform vital DBA functions Monitor Unix filesystems, and automatically manage your trace files, dump files, and archived redo log files Use essential server monitoring commands such as top, sar, and vmstat And there's much more between these covers. If you need to get up to speed with Oracle on Unix, and quickly, this book is for you.

UNIX platforms Solaris��, SCO UNIX��, and UnixWare��, focuses on the most useful user-level commands. Unlike the standard UNIX manual, it simplifies the understanding of each command by providing numerous real-world examples for each command described. KEY TOPICS: Provides clear and accessible, alphabetically-organized descriptions of over 50 of the most important user-level UNIX commands; and contains over 400 examples of commands, flags, options, and environment variables. Contains an introduction to Bourne and Korn shell programming for users with no prior programming experience, and offers detailed examples on using two of the UNIX systems' most powerful features: shell programming and the vi editor. MARKET: A reference for beginning to intermediate-level UNIX users.

Written with a clear, straightforward writing style and packed with step-by-step projects for direct, hands-on learning, Guide to UNIX Using Linux, 4E is the perfect resource for learning UNIX and Linux from the ground up. Through the use of practical examples, end-of-chapter reviews, and interactive exercises, novice users are transformed into confident UNIX/Linux users who can employ utilities, master files, manage and query data, create scripts, access a network or the Internet, and navigate popular user interfaces and software. The updated 4th edition incorporates coverage of the latest versions of UNIX and Linux, including new versions of Red Hat, Fedora, SUSE, and Ubuntu Linux. A new chapter has also been added to cover basic networking utilities, and several other chapters have been expanded to include additional information on the KDE and GNOME desktops, as well as coverage of the popular OpenOffice.org office suite. With a strong focus on universal UNIX and Linux commands that are transferable to all versions of Linux, this book is a must-have for anyone seeking to develop their knowledge of these systems. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

UNIX User's Handbook
A Field Guide for the Life Sciences (and Other Data-rich Pursuits)
UNIX for OpenVMS Users
All of Programming
UNIX and Perl to the Rescue!
Essential System Administration

UNIX for OpenVMS Users, 3E, makes it easy to see what OpenVMS and UNIX have in common, and to transfer your knowledge and experience in OpenVMS over to the world of UNIX. Since most shops rely on more than one operating system, it is critical for system administrators and managers to understand the similarities and differences between platforms, so they can easily work in both environments while taking full advantage of the tools and applications available on each. This book offers OpenVMS professionals a concise source of information, so that they can quickly bring their expertise to bear on UNIX file management, e-mail, networking, and security. This new edition of the book is enhanced with updated references to VMS, incorporates suggestions made by readers of previous editions, and particularly, recognizes other UNIX implementations in addition to HP's Tru64. Includes extensive additions to the sections on VMS logical names, on the emacs editor, and on shell programming and Perl Describes the interfaces common to both operating systems, with appendices covering command and editor summaries Adds emphasis on Linux

Your research has generated gigabytes of data and now you need to analyse it. You hate using spreadsheets but it is all you know, so what else can you do? This book will transform how you work with large and complex data sets, teaching you powerful programming tools for slicing and dicing data to suit your needs. Written in a fun and accessible style, this step-by-step guide will inspire and inform non-programmers about the essential aspects of Unix and Perl. It shows how, with just a little programming knowledge, you can write programs that could save you hours, or even days. No prior experience is required and new concepts are introduced using numerous code examples that you can try out for yourself. Going beyond the basics, the authors touch upon many broader topics that will help those new to programming, including debugging and how to write in a good programming style.

As an open operating system, Unix can be improved on by anyone and everyone: individuals, companies, universities, and more. As a result, the very nature of Unix has been altered over the years by numerous extensions formulated in an assortment of versions. Today, Unix encompasses everything from Sun's Solaris to Apple's Mac OS X and more varieties of Linux than you can easily name. The latest edition of this bestselling reference brings Unix into the 21st century. It's been reworked to keep current with the broader state of Unix in today's world and highlight the strengths of this operating system in all its various flavors. Detailing all Unix commands and options, the informative guide provides generous descriptions and examples that put those commands in context. Here are some of the new features you'll find in Unix in a Nutshell,

Fourth Edition: Solaris 10, the latest version of the SVR4-based operating system, GNU/Linux, and Mac OS X Bash shell (along with the 1988 and 1993 versions of ksh) tsch shell (instead of the original Berkeley csh) Package management programs, used for program installation on popular GNU/Linux systems, Solaris and Mac OS X GNU Emacs Version 21 Introduction to source code management systems Concurrent versions system Subversion version control system GDB debugger As Unix has progressed, certain commands that were once critical have fallen into disuse. To that end, the book has also dropped material that is no longer relevant, keeping it taut and current. If you're a Unix user or programmer, you'll recognize the value of this complete, up-to-date Unix reference. With chapter overviews, specific examples, and detailed command.

This updated bestseller from Linux guru Chris Negus is packed with an array of new and revised material As a longstanding bestseller, Ubuntu Linux Toolbox has taught you how to get the most out Ubuntu, the world's most popular Linux distribution. With this anticipated new edition, Christopher Negus returns with a host of new and expanded coverage on tools for managing file systems, ways to connect to networks, techniques for securing Ubuntu systems, and a look at the latest Long Term Support (LTS) release of Ubuntu, all aimed at getting you up and running with Ubuntu Linux quickly. Covers installation, configuration, shell primer, the desktop, administrations, servers, and security Delves into coverage of popular applications for the web, productivity suites, and e-mail Highlights setting up a server (Apache, Samba, CUPS) Boasts a handy trim size so that you can take it with you on the go Ubuntu Linux Toolbox, Second Edition prepares you with a host of updated tools for today's environment, as well as expanded coverage on everything you know to confidently start using Ubuntu today.

Bash Cookbook

The Top Fifty UNIX Commands

Unix Shell Programming

The UNIX Programming Environment

Tools and Techniques for Linux and Unix Administration

The Textbook, Third Edition

An update to the ultimate UNIX "how-to" guide for every end-user. The CD-ROM includes GlancePlus trial software for HP9000, Sun SPARC, and IBM RS/6000 systems and an X-Windows Computer Based Training program and a newly added CBT model.

The Most Useful Tutorial and Reference, with Hundreds of High-Quality Examples for Every Popular Linux Distribution “First Sobell taught people how to use Linux . . . now he teaches you the power of Linux. A must-have book for anyone who wants to take Linux to the next level.” –Jon “maddog” Hall, Executive Director, Linux International Discover the Power of Linux—Covers macOS, too! Learn from hundreds of realistic, high-quality examples, and become a true command-line guru Covers MariaDB, DNF, and Python 3 300+ page reference section covers 102 utilities, including macOS commands For use with all popular versions of Linux, including Ubuntu,™ Fedora,™ openSUSE,™ Red Hat,® Debian, Mageia, Mint, Arch, CentOS, and macOS Linux is today’s dominant Internet server platform. System administrators and Web developers need deep Linux fluency, including expert knowledge of shells and the command line. This is the only guide with everything you need to achieve that level of Linux mastery. Renowned Linux expert Mark Sobell has brought together comprehensive, insightful guidance on the tools sysadmins, developers, and power users need most, and has created an outstanding day-to-day reference, updated with assistance from new coauthor Matthew Helmke. This title is 100 percent distribution and release agnostic. Packed with hundreds of high-quality, realistic examples, it presents Linux from the ground up: the clearest explanations and most useful information about everything from filesystems to shells, editors to utilities, and programming tools to regular expressions. Use a Mac? You’ll find coverage of the macOS command line, including macOS-only tools and utilities that other Linux/UNIX titles ignore. A Practical Guide to Linux® Commands, Editors, and Shell Programming, Fourth Edition, is the only guide to deliver A MariaDB chapter to get you started with this ubiquitous relational database management system (RDBMS) A masterful introduction to Python for system administrators and power users In-depth coverage of the bash and tcsh shells, including a complete discussion of environment, inheritance, and process locality, plus coverage of basic and advanced shell programming Practical explanations of core utilities, from aspell to xargs, including printf and sshfs/curlftpfs, PLUS macOS–specific utilities from ditto to SetFile Expert guidance on automating remote backups using rsync Dozens of system security tips, including step-by-step walkthroughs of implementing secure communications using ssh and scp Tips and tricks for customizing the shell, including step values, sequence expressions, the eval builtin, and implicit command-line continuation High-productivity editing techniques using vim and emacs A comprehensive, 300-plus-page command reference section covering 102 utilities, including find, grep, sort, and tar Instructions for updating systems using apt-get and dnf And much more, including coverage of BitTorrent, gawk, sed, find, sort, bzip2, and regular expressions

The Panther release of Mac OS X continues the development of the Macintosh operating system. Mac OS X has become the dominant OS on the Macintosh platform and is currently the default OS on all new Macintosh computers. Mac OS X is a complex and powerful operating system for which no documentation is provided by Apple outside of the Apple Help system, which contains very limited information. Special Edition Using Mac OS X Panther provides the in-depth, wide ranging coverage that enables Mac users to get the most out of the operating system and included tools. This book explains how to get the most out of the core OS, including the Finder, desktop, and system customization. The book also shows readers how to use OS X's Internet applications for email, Web surfing, and .mac for publishing content on the Net. One of the book's major strengths is the extensive coverage of iTunes, iPhoto, iDVD, and iMovie. QuickTime and QuickTime Pro are also covered. The book helps readers understand and configure the technologies to expand their systems.

Essential System Administration,3rd Edition is the definitive guide for Unix system administration, covering all the fundamental and essential tasks required to run such divergent Unix systems as AIX, FreeBSD, HP-UX, Linux, Solaris, Tru64 and more. Essential System Administration provides a clear, concise, practical guide to the real-world issues that anyone responsible for a Unix system faces daily.The new edition of this indispensable reference has been fully updated for all the latest operating systems. Even more importantly, it has been extensively revised and expanded to consider the current system administrative topics that administrators need most. Essential System Administration,3rd Edition covers: DHCP, USB devices, the latest automation tools, SNMP and network management, LDAP, PAM, and

recent security tools and techniques.Essential System Administration is comprehensive. But what has made this book the guide system administrators turn to over and over again is not just the sheer volume of valuable information it provides, but the clear, useful way the information is presented. It discusses the underlying higher-level concepts, but it also provides the details of the procedures needed to carry them out. It is not organized around the features of the Unix operating system, but around the various facets of a system administrator's job. It describes all the usual administrative tools that Unix provides, but it also shows how to use them intelligently and efficiently.Whether you use a standalone Unix system, routinely provide administrative support for a larger shared system, or just want an understanding of basic administrative functions, Essential System Administration is for you. This comprehensive and invaluable book combines the author's years of practical experience with technical expertise to help you manage Unix systems as productively and painlessly as possible.

Learning Unix for OS X

A Desktop Quick Reference - Covers GNU/Linux, Mac OS X,and Solaris

A Practical Guide to Linux Commands, Editors, and Shell Programming

Classic Shell Scripting

Python for Unix and Linux System Administration

Practical UNIX

UNIX: The Textbook, Third Edition provides a comprehensive introduction to the modern, twenty-first-century UNIX operating system. The book deploys PC-BSD and Solaris, representative systems of the major branches of the UNIX family, to illustrate the key concepts. It covers many topics not covered in older, more traditional textbook approaches, such as Python, UNIX System Programming from basics to socket-based network programming using the client-server paradigm, the Zettabyte File System (ZFS), and the highly developed X Windows-based KDE and Gnome GUI desktop environments. The third edition has been fully updated and expanded, with extensive revisions throughout. It features a new tutorial chapter on the Python programming language and its use in UNIX, as well as a complete tutorial on the git command with Github. It includes four new chapters on UNIX system programming and the UNIX API, which describe the use of the UNIX system call interface for file processing, process management, signal handling, interprocess communication (using pipes, FIFOs, and sockets), extensive coverage of internetworking with UNIX TCP/IP using the client-server software, and considerations for the design and implementation of production-quality client-server software using iterative and concurrent servers. It also includes new chapters on UNIX system administration, ZFS, and container virtualization methodologies using iocage, Solaris Jails, and VirtualBox. Utilizing the authors' almost 65 years of practical teaching experience at the college level, this textbook presents well-thought-out sequencing of old and new topics, well-developed and timely lessons, a Github site containing all of the code in the book plus exercise solutions, and homework exercises/problems synchronized with the didactic sequencing of chapters in the book. With the exception of four chapters on system programming, the book can be used very successfully by a complete novice, as well as by an experienced UNIX system user, in both an informal and formal learning environment. The book may be used in several computer science and information technology courses, including UNIX for beginners and advanced users, shell and Python scripting, UNIX system programming, UNIX network programming, and UNIX system administration. It may also be used as a companion to the undergraduate and graduate level courses on operating system concepts and principles.

Includes complete chapters on the Korn Shell, the emacs text editor, and the vi editor Contains a new chapter on Networking with coverage of many network structures and commands as well as detailed instruction on accessing the Internet using archie and gopher, how to transfer files using FTP, and a section on World Wide Web and Mosaic Provides a new chapter on Graphical User Interfaces that discusses GUI components, the X Window System, and using and customizing Motif Examines the make, SCCS, RCS, awk, and sed programming tools Features detailed chapters on the Bourne and C shells with explanations of how to write shell programs (shell scripts) Includes an in-depth chapter on the Korn shell that covers writing shell scripts and advanced concepts including recursion and the coprocess Offers a quick overview of the UNIX system in Chapter 1 Provides coverage of text editing, electronic mail, shell programming, and other applications with examples, exercises, sample screens, and review questions incorporated throughout References 75 of the most frequently used UNIX utilities in Part II Includes clearly marked sections of optional advanced material for experienced UNIX users 0805375651B04062001

O'Reilly's bestselling book on Linux's bash shell is at it again. Now that Linux is an established player both as a server and on the desktop Learning the bash Shell has been updated and refreshed to account for all the latest changes. Indeed, this third edition serves as the most valuable guide yet to the bash shell.As any good programmer knows, the first thing users of the Linux operating system come face to face with is the shell the UNIX term for a user interface to the system. In other words, it's what lets you communicate with the computer via the keyboard and display. Mastering the bash shell might sound fairly simple but it isn't. In truth, there are many complexities that need careful explanation, which is just what Learning the bash Shell provides.If you are new to shell programming, the book provides an excellent introduction, covering everything from the most basic to the most advanced features. And if you've been writing shell scripts for years, it offers a great way to find out what the new shell offers. Learning the bash Shell is also full of practical examples of shell commands and programs that will make everyday use of Linux that much easier. With this book, programmers will learn: How to install bash as your login shell The basics of interactive shell use, including UNIX file and directory

structures, standard I/O, and background jobs Command line editing, history substitution, and key bindings How to customize your shell environment without programming The nuts and bolts of basic shell programming, flow control structures, command-line options and typed variables Process handling, from job control to processes, coroutines and subshells Debugging techniques, such as trace and verbose modes Techniques for implementing system-wide shell customization and features related to system security

As the most complete reference of UNIX and X commands available, this book will prove invaluable for all levels of users. The complete glossary and reference features coverage of all commands in the complex and often esoteric UNIX operating systems and, unlike any other reference of its kind, assists programmers' understanding of commands by offering thousands of real-life examples.

Special Edition Using Mac OS X, V10.3 Panther

Going Deep With the Terminal and Shell

Data Analysis and Prediction Algorithms with R

Solutions and Examples for Bash Users

Introductory Command Line Unix for Users

Learning the bash Shell

Describes the most useful UNIX commands and covers the System V UNIX system and the Berkeley UNIX system. In addition to listing the commands and definitions, the book includes examples that illustrate the use of the commands. Covers core commands, making it easier for the novice to distinguish between the essential and the extraneous. Summaries of several key subsystems -- vi, awk, sed, shells, text processing -- will make it easier for intermediate and advanced users to find important information.Includes synopses and examples as well as Editor Command charts for vi and ed texts, Command Syntax charts, and MS DOS to UNIX cross references.

The ultimate operating system reference: Over 8,000 commands and 57,000 command options from every major operating system--Windows. UNIX. Linux. NetWare. Macintosh. DOS. If you're a systems professional, chances are you're pretty familiar with commands in at least one of these operating systems. But what happens when you need to get up to speed on an operating system you don't know? This ingenious reference will have you up and running in no time. It describes and illustrates every command in every commonly used operating system, and cross-references each command to the equivalent commands in other operating systems. The Universal Command Guide for Operating Systems bridges the gap between all operating systems by cross-referencing commands between the many different operating systems that exist today. All major operating systems are covered and fully referenced, including IBM AIX 4.3.3; Sun Solaris 7 and 8; Red Hat Linux 7.0; OpenBSD 2.7; NetWare 3.12, 4.11, 5.1, and 6; DOS 6.22; Windows 95, 98, Me, XP, NT 4 Workstation, NT 4 Server, NT 4 Terminal Server, 2000 Professional, 2000 Server, 2000 Advanced Server; and Mac OS 9.1. About the CD-ROM: * The UCG Finder--Finds the command you need for any Operating System * 2000 additional cross-references for Novell, Microsoft, and UNIX/Linux * All UNIX/Linux shells and internal shell commands cross-referenced. * VNC Remote Control software, MySQL and other great software for all operating systems. About the Author: Guy Lotgering (Soraker, Sweden) has worked for many years as a consultant working on Novell, Microsoft, and UNIX networking systems. Currently, he works for Telecomputing AB in Sweden specializing in SBC (Server Based Computing) and ASP (Application Service Providing) Citrix solutions. The UCG Training Team consists of 19 individuals, each experts in their own fields, with combined experience of over 250 years.

Shell scripting skills never go out of style. It's the shell that unlocks the real potential of Unix. Shell scripting is essential for Unix users and system administrators-a way to quickly harness and customize the full power of any Unix system. With shell scripts, you can combine the fundamental Unix text and file processing commands to crunch data and automate repetitive tasks. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. Classic Shell Scripting is written to help you reliably navigate these tricky waters.Writing shell scripts requires more than just a knowledge of the shell language, it also requires familiarity with the individual Unix programs: why each one is there, how to use them by themselves, and in combination with the other programs. The authors are intimately familiar with the tips and tricks that can be used to create excellent scripts, as well as the traps that can make your best effort a bad shell script. With Classic Shell Scripting you'll avoid hours of wasted effort. You'll learn not only write useful shell scripts, but how to do it properly and portably.The ability to program and customize the shell quickly, reliably, and portably to get the best out of any individual system is an important skill for anyone operating and maintaining Unix or Linux systems. Classic Shell Scripting gives you everything you need to master these essential skills.

Learn to use Unix, OS X, or Linux quickly and easily! In just 24 lessons of one hour or less, Sams Teach Yourself Unix in 24 Hours helps you get up and running with Unix and Unix-based operating systems such as Mac OS X and Linux. Designed for beginners with no previous experience using Unix, this book’s straightforward, step-by-step approach makes it easy to learn. Each lesson clearly explains essential Unix tools and techniques from the ground up, helping you to become productive as quickly and efficiently as possible. Step-by-step instructions carefully walk you through the most common Unix tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Notes and tips point out shortcuts and solutions Learn how to… Pick the command shell that’s best for you Organize the Unix file system (and why) Manage file and directory ownership and permissions Maximize your productivity with power filters and pipes Use the vi and emacs editors Create your own

commands and shell scripts Connect to remote systems using SSH and SFTP Troubleshoot common problems List files and manage disk usage Get started with Unix shell programming Set up printing in a Unix environment Archive and back up files Search for information and files Use Perl as an alternative Unix programming language Set up, tweak, and make use of the GNOME graphical environment Contents at a Glance HOUR 1: What Is This Unix Stuff? HOUR 2: Getting onto the System and Using the Command Line HOUR 3: Moving About the File System HOUR 4: Listing Files and Managing Disk Usage HOUR 5: Ownership and Permissions HOUR 6: Creating, Moving, Renaming, and Deleting Files and Directories HOUR 7: Looking into Files HOUR 8: Filters, Pipes, and Wildcards! HOUR 9: Slicing and Dicing Command-Pipe Data HOUR 10: An Introduction to the vi Editor HOUR 11: Advanced vi Tricks, Tools, and Techniquess HOUR 12: An Overview of the emacs Editor HOUR 13: Introduction to Command Shells HOUR 14: Advanced Shell Interaction HOUR 15: Job Control HOUR 16: Shell Programming Overview HOUR 17: Advanced Shell Programming HOUR 18: Printing in the Unix Environment HOUR 19: Archives and Backups HOUR 20: Using Email to Communicate HOUR 21: Connecting to Remote Systems Using SSH and SFTP HOUR 22: Searching for Information and Files HOUR 23: Perl Programming in Unix HOUR 24: GNOME and the GUI Environment Appendix A: Common Unix Questions and Answers

For Operating Systems

Beginning Unix

UNIX Text Processing

AUUGN

The UNIX Command Reference Guide

Ubuntu Linux Toolbox: 1000+ Commands for Power Users

The key to mastering any Unix system, especially Linux and Mac OS X, is a thorough knowledge of shell scripting. Scripting is a way to harness and customize the power of any Unix system, and it's an essential skill for any Unix users, including system administrators and professional OS X developers. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. bash Cookbook teaches shell scripting the way Unix masters practice the craft. It presents a variety of recipes and tricks for all levels of shell programmers so that anyone can become a proficient user of the most common Unix shell -- the bash shell -- and cygwin or other popular Unix emulation packages. Packed full of useful scripts, along with examples that explain how to create better scripts, this new cookbook gives professionals and power users everything they need to automate routine tasks and enable them to truly manage their systems -- rather than have their systems manage them.

Introduction to Data Science: Data Analysis and Prediction Algorithms with R introduces concepts and skills that can help you tackle real-world data analysis challenges. It covers concepts from probability, statistical inference, linear regression, and machine learning. It also helps you develop skills such as R programming, data wrangling, data visualization, predictive algorithm building, file organization with UNIX/Linux shell, version control with Git and GitHub, and reproducible document preparation. This book is a textbook for a first course in data science. No previous knowledge of R is necessary, although some experience with programming may be helpful. The book is divided into six parts: R, data visualization, statistics with R, data wrangling, machine learning, and productivity tools. Each part has several chapters meant to be presented as one lecture. The author uses motivating case studies that realistically mimic a data scientist’s experience. He starts by asking specific questions and answers these through data analysis so concepts are learned as a means to answering the questions. Examples of the case studies included are: US murder rates by state, self-reported student heights, trends in world health and economics, the impact of vaccines on infectious disease rates, the financial crisis of 2007-2008, election forecasting, building a baseball team, image processing of hand-written digits, and movie recommendation systems. The statistical concepts used to answer the case study questions are only briefly introduced, so complementing with a probability and statistics textbook is highly recommended for in-depth understanding of these concepts. If you read and understand the chapters and complete the exercises, you will be prepared to learn the more advanced concepts and skills needed to become an expert.

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world’s most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

The in-depth UNIX guide for every end-user: completely updated and full of examples! For every key UNIX platform: practical examples, real depth! Covers all basic UNIX commands, plus sed, grep, awk, vi, and more Complete shell programming coverage-plus NEW programming section covering C/C++, Java(tm), and Internet development KornShell, Bash, C Shell, and Shell Programming Windows interoperability, in depth: Samba, NFS, Windows 2000 Services for UNIX, and much more UNIX end-users desperately need an up-to-date reference guide with real depth: one that teaches UNIX commands and doesn't just list them!

In UNIX User's Handbook, Second Edition, best-selling UNIX author Marty Poniatowski covers every topic UNIX users need to master-with exceptional clarity and practical, real-world examples. Part I brings together thorough coverage of virtually every key aspect of day-to-day UNIX operation and end-user administration. Part II presents an in-depth programming reference. Part III covers every leading option for Windows interoperability. You'll find fast, easy answers for all this and more: Getting started: login, mail, Internet access, and key UNIX file management commands All basic UNIX commands and a complete UNIX file system overview (cd, cp, file, ls, mv, pwd, rm, rmdir, cut, paste, split, sort, diff, and more) Key UNIX tools-including in-depth coverage of find, vi, find, grep, sed, and awk Shells and shell programming: Bash, Korn, and C Full programming section-including a NEW user-centered introduction to C/C++ and Java End-user administration: processes, startup, shutdown, users/groups, backup, software management, printing, and more Networking and Internet protocols UNIX/Windows interoperability: Samba, X Window, NFS, Posix, Windows 2000 Services for UNIX, and other alternatives Performance and monitoring This new edition has been updated throughout and redesigned for even faster, easier access to information. Whatever your experience, whatever UNIX version you use, you won't find a more useful reference!

Mastering Unix Shell Scripting

HP-UX 11i Systems Administration Handbook and Toolkit

Unix in 24 Hours, Sams Teach Yourself

A Complete Introduction

Hidden Commands that Unlock the Power of Unix

Linux and UNIX Shell Programming

Python is an ideal language for solving problems, especially in Linux and Unix networks. With this pragmatic book, administrators can review various tasks that often occur in the management of these systems, and learn how Python can provide a more efficient and less painful way to handle them. Each chapter in Python for Unix and Linux System Administration presents a particular administrative issue, such as concurrency or data backup, and presents Python solutions through hands-on examples. Once you finish this book, you'll be able to develop your own set of command-line utilities with Python to tackle a wide range of problems. Discover how this language can help you: Read text files and extract information Run tasks concurrently using the threading and forking options Get information from one process to another using network facilities Create clickable GUIs to handle large and complex utilities Monitor large clusters of machines by interacting with SNMP programmatically Master the IPython Interactive Python shell to replace or augment Bash, Korn, or Z-Shell Integrate Cloud Computing into your infrastructure, and learn to write a Google App Engine Application Solve unique data backup challenges with customized scripts Interact with MySQL, SQLite, Oracle, Postgres, Django ORM, and SQLAlchemy With this book, you'll learn how to package and deploy your Python applications and libraries, and write code that runs equally well on multiple Unix platforms. You'll also learn about several Python-related technologies that will make your life much easier.

A guide to the operating system's practical applications covers listing, finding, displaying, printing, security, editing, Emacs, and writing Bourne Shell Scripts and Perl programs

You may have seen UNIX quick-reference guides, but you've never seen anything likeUNIX in a Nutshell. Not a scaled-down quick reference of common commands,UNIX in a Nutshellis a complete reference containing all commands and options, along with generous descriptions and examples that put the commands in context. For all but the thorniest UNIX problems, this one reference should be all the documentation you need. The second edition ofUNIX in a Nutshellstarts with thorough coverage of System V Release 3. To that, we've added the many new commands that were added to Release 4 and additional commands that were added to Solaris 2.0. Contents include: All user and programmer commands. New Korn shell documentation. Expanded text editing section, including GNU Emacs andnawk. Shell syntax (shandcsh). Pattern-matching syntax. viandexcommands. sedandawkcommands. troffand related commands and macros. sdbanddbxcommands. If you currently use either SVR3 or SVR4 or are planning to in the future, or if you're a Sun user facing the transition to Solaris, you'll want this book.UNIX in a Nutshellis the most comprehensive quickref on the market, a must for any UNIX user.

All of Programming provides a platform for instructors to design courses which properly place their focus on the core fundamentals of programming, or to let a motivated student learn these skills independently. A student who masters the material in this book will not just be a competent C programmer, but also a competent programmer. We teach students how to solve programming problems with a 7-step approach centered on thinking about how to develop an algorithm. We also teach students to deeply understand how the code works by teaching students how to execute the code by hand. A few notes about using this book: (1) This book contains embedded videos. Not all readers support video. If you read directly on Google Play, you can only see videos in "flowable text" mode. (2) Blocks of code and other large items do not format well in flowable text mode. You can select "original page" mode to view such things in a full page layout as they were in the original pdf version.

A Desktop Reference for Solaris, UnixWare, and SCO UNIX

Introduction to Data Science

Covers OS X, Linux, and Solaris

Learning the Unix Operating System

A Dictionary for High-Level Computing

Unix in a Nutshell