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## Your Unix The Ultimate Guide Mcgraw Hill

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The Definitive Guide to Linux Network Programming  
 Learning the bash Shell  
 Your Unix: The Ultimate Guide  
 Programming the World Wide Web  
 Beginning Unix  
 SSH, The Secure Shell  
 Your Unix/Linux  
 Advanced Bash Scripting Guide  
 The Linux A-Z  
 A Guide to Kernel Exploitation  
 The Linux Command Line  
 Advanced Linux Programming  
 Asterisk: The Definitive Guide  
 Absolute FreeBSD, 2nd Edition  
 Unix: Concepts And Applications  
 Running Linux  
 Bioinformatics  
 Understanding Computation  
 Your UNIX/LINUX  
 Bash Guide for Beginners (Second Edition)  
 Your UNIX  
 The UNIX-haters Handbook  
 Linux in Action  
 vi Editor Pocket Reference  
 Linux Bible  
 UNIX and Linux System Administration Handbook  
 Unix Concepts And Applications 4th Edition  
 Your UNIX/Linux: The Ultimate Guide  
 Guide to UNIX Using Linux  
 UNIX  
 Your UNIX  
 UNIX: The Complete Reference, Second Edition  
 Linux for Beginners  
 Solaris Systems Programming  
 Unix Power Tools  
 Postfix  
 Shell Programming and Bash Scripting  
 Your UNIX/Linux: The Ultimate Guide  
 Linux in a Nutshell

*Your Unix The Ultimate Guide Mcgraw Hill*

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The Definitive Guide to Linux Network Programming "O'Reilly Media, Inc."

'Programming The World Wide Web', written by bestselling author Robert Sebesta, provides a comprehensive introduction to the programming tools and skills required for building and maintaining server sites on the Web.

Learning the bash Shell Рипол Классик

Are you serious about network security? Then check out SSH, the Secure Shell, which provides key-based authentication and transparent encryption for your network connections. It's reliable, robust, and reasonably easy to use, and both free and commercial implementations are widely available for most operating systems. While it doesn't solve every privacy and security problem, SSH eliminates several of them very effectively. Everything you want to know about SSH is in our second edition of SSH, The Secure Shell: The Definitive Guide. This updated book thoroughly covers the latest SSH-2 protocol for system administrators and end users interested in using this increasingly popular TCP/IP-based solution. How does it work? Whenever data is sent to the network, SSH automatically encrypts it. When data reaches its intended recipient, SSH decrypts it. The result is "transparent" encryption-users can work normally, unaware that their communications are already encrypted. SSH supports secure file transfer between computers, secure remote logins, and a unique "tunneling" capability that adds encryption to otherwise insecure network applications. With SSH, users can freely

navigate the Internet, and system administrators can secure their networks or perform remote administration. Written for a wide, technical audience, SSH, The Secure Shell: The Definitive Guide covers several implementations of SSH for different operating systems and computing environments. Whether you're an individual running Linux machines at home, a corporate network administrator with thousands of users, or a PC/Mac owner who just wants a secure way to telnet or transfer files between machines, our indispensable guide has you covered. It starts with simple installation and use of SSH, and works its way to in-depth case studies on large, sensitive computer networks. No matter where or how you're shipping information, SSH, The Secure Shell: The Definitive Guide will show you how to do it securely.

**Your Unix: The Ultimate Guide** McGraw-Hill Science, Engineering & Mathematics

The Third Edition Incorporates Major Revisions, Moderate Additions, And Minor Deletions. It Focuses On The Two Major Versions Of Unix - Solaris And Linux. The Two-Part Structure Od The Previous Edition Has Been Maintained. The Fundamental Aspects Of The System Are Covered In Part I, Whereas The Intermediate And Advances Concepts Are Explained In Part Ii. Salient Features : Two New Chapters On Unix Systems Programming - The File And Process Control. Complete Chapter Devoted To Tcp/Ip Network Of Administration. Enhanced Coverage On Linux. Updated Coverage On The InternaeT And The Http Protocol. End-Of-Chapter Questions Grouped Under Test Your Understanding With Answers In Appendix C And Flex Your Brain. Also Conforms To The Latest Revised Doeacca Level Syllabus Effective July 2003.

Programming the World Wide Web "O'Reilly Media, Inc."

Used both as a pedagogical tool and a reference. This work is used for any introductory programming course that includes Unix and for advanced

courses such as those on Operating Systems and System Administration. It contains over 900 exercises and self-test questions. This book also features coverage of Linux, where Linux differs from UNIX.

*Beginning Unix* Createspace Independent Publishing Platform

\* Clear and abundant examples, using real-world code, written by three experienced developers who write networking code for a living. \* Describes how to build clients and servers, explains how TCP, UDP, and IP work, and shows how to debug networking applications via packet sniffing and deconstruction. \* Well suited for Windows developer looking to expand to Linux, or for the proficient Linux developer looking to incorporate client-server programming into their application.

*SSH, The Secure Shell* Addison-Wesley Professional

More than 50 percent new and revised content for today's Linux environment gets you up and running in no time! Linux continues to be an excellent, low-cost alternative to expensive operating systems. Whether you're new to Linux or need a reliable update and reference, this is an excellent resource. Veteran bestselling author Christopher Negus provides a complete tutorial packed with major updates, revisions, and hands-on exercises so that you can confidently start using Linux today. Offers a complete restructure, complete with exercises, to make the book a better learning tool Places a strong focus on the Linux command line tools and can be used with all distributions and versions of Linux Features in-depth coverage of the tools that a power user and a Linux administrator need to get started This practical learning tool is ideal for anyone eager to set up a new Linux desktop system at home or curious to learn how to manage Linux server systems at work.

*Your Unix/Linux* Addison-Wesley Longman

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"

*Advanced Bash Scripting Guide* Tata McGraw-Hill Education

Finally, you can learn computation theory and programming language design in an engaging, practical way. Understanding Computation explains theoretical computer science in a context you'll recognize, helping you appreciate why these ideas matter and how they can inform your day-to-day programming. Rather than use mathematical notation or an unfamiliar academic programming language like Haskell or Lisp, this book uses Ruby in a reductionist manner to present formal semantics, automata theory, and functional programming with the lambda calculus. It's ideal for programmers versed in modern languages, with little or no formal training in computer science. Understand fundamental computing concepts, such as Turing completeness in languages Discover how programs use dynamic semantics to communicate ideas to machines Explore what a computer can do when reduced to its bare essentials Learn how universal Turing machines led to today's general-purpose computers Perform complex calculations, using simple languages and cellular automata Determine which programming language features are essential for computation Examine how halting and self-referencing make some computing problems unsolvable Analyze programs by using abstract interpretation and type systems

*The Linux A-Z* "O'Reilly Media, Inc."

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.

*A Guide to Kernel Exploitation* "O'Reilly Media, Inc."

This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. Advanced Linux Programming is divided into two parts. The first covers generic UNIX system services, but with a particular eye towards Linux specific

information. This portion of the book will be of use even to advanced programmers who have worked with other Linux systems since it will cover Linux specific details and differences. For programmers without UNIX experience, it will be even more valuable. The second section covers material that is entirely Linux specific. These are truly advanced topics, and are the techniques that the gurus use to build great applications. While this book will focus mostly on the Application Programming Interface (API) provided by the Linux kernel and the C library, a preliminary introduction to the development tools available will allow all who purchase the book to make immediate use of Linux.

*The Linux Command Line* Cengage Learning

You may be contemplating your first Linux installation. Or you may have been using Linux for years and need to know more about adding a network printer or setting up an FTP server. Running Linux, now in its fifth edition, is the book you'll want on hand in either case. Widely recognized in the Linux community as the ultimate getting-started and problem-solving book, it answers the questions and tackles the configuration issues that frequently plague users, but are seldom addressed in other books. This fifth edition of Running Linux is greatly expanded, reflecting the maturity of the operating system and the teeming wealth of software available for it. Hot consumer topics such as audio and video playback applications, groupware functionality, and spam filtering are covered, along with the basics in configuration and management that always have made the book popular. Running Linux covers basic communications such as mail, web surfing, and instant messaging, but also delves into the subtleties of network configuration—including dial-up, ADSL, and cable modems—in case you need to set up your network manually. The book can make you proficient on office suites and personal productivity applications—and also tells you what programming tools are available if you're interested in contributing to these applications. Other new topics in the fifth edition include encrypted email and filesystems, advanced shell techniques, and remote login applications. Classic discussions on booting, package management, kernel recompilation, and X configuration have also been updated. The authors of Running Linux have anticipated problem areas, selected stable and popular solutions, and provided clear instructions to ensure that you'll have a satisfying experience using Linux. The discussion is direct and complete enough to guide novice users, while still providing the additional information experienced users will need to progress in their mastery of Linux. Whether you're using Linux on a home workstation or maintaining a network server, Running Linux will provide expert advice just when you need it.

*Advanced Linux Programming* Elsevier

Your UNIX: The Ultimate Guide is both an outstanding pedagogical tool and an exhaustive reference. It is the ideal text for any Unix course. It can also be used for any introductory programming course that includes Unix and for advanced courses such as those on Operating Systems and System Administration. Excellent pedagogy is implemented throughout. Real-world examples make it easier for students to grasp concepts while "Going Further" sections take more advanced students beyond the basics. Over nine hundred exercises allow students to test and reinforce their understanding of material at different levels. This book also features coverage of Linux, which is well marked so that instructors can choose to either include it in their courses or omit it. Additionally, Your UNIX has the most extensive set of indices and appendices currently available in a Unix text.

*Asterisk: The Definitive Guide* John Wiley & Sons

A Guide to Kernel Exploitation: Attacking the Core discusses the theoretical techniques and approaches needed to develop reliable and effective kernel-level exploits, and applies them to different operating systems, namely, UNIX derivatives, Mac OS X, and Windows. Concepts and tactics are presented categorically so that even when a specifically detailed vulnerability has been patched, the foundational information provided will help hackers in writing a newer, better attack; or help pen testers, auditors, and the like develop a more concrete design and defensive structure. The book is organized into four parts. Part I introduces the kernel and sets out the theoretical basis on which to build the rest of the book. Part II focuses on different operating systems and describes exploits for them that target various bug classes. Part III on remote kernel exploitation analyzes the effects of the remote scenario and presents new techniques to target remote issues. It includes a step-by-step analysis of the development of a reliable, one-shot, remote exploit for a real vulnerability bug affecting the SCTP subsystem found in the Linux kernel. Finally, Part IV wraps up the analysis on kernel exploitation and looks at what the future may hold. Covers a range of operating system families — UNIX derivatives, Mac OS X, Windows Details common scenarios such as generic memory corruption (stack overflow, heap overflow, etc.) issues, logical bugs and race conditions Delivers the reader from user-land exploitation to the world of kernel-land (OS) exploits/attacks, with a particular focus on the steps that lead to the creation of successful techniques, in order to give to the reader something more than just a set of tricks

*Absolute FreeBSD, 2nd Edition* CRC Press

"As an author, editor, and publisher, I never paid much attention to the competition—except in a few cases. This is one of those cases. The UNIX System Administration Handbook is one of the few books we ever measured ourselves against." —Tim O'Reilly, founder of O'Reilly Media "This edition is for those whose systems live in the cloud or in virtualized data centers; those whose administrative work largely takes the form of automation and configuration source code; those who collaborate closely with developers, network engineers, compliance officers, and all the other worker bees who inhabit the modern hive." —Paul Vixie, Internet Hall of Fame-recognized innovator and founder of ISC and Farsight Security "This book is fun and functional as a desktop reference. If you use UNIX and Linux systems, you need this book in your short-reach library. It covers a bit of the systems' history but doesn't bloviate. It's just straight-forward information delivered in a colorful and memorable fashion." —Jason A. Nunnelley UNIX® and Linux® System Administration Handbook, Fifth Edition, is today's definitive guide to installing, configuring, and maintaining any UNIX or Linux system, including systems that supply core Internet and cloud infrastructure. Updated for new distributions and cloud environments, this comprehensive guide covers best practices for every facet of system administration, including storage management, network design and administration, security, web hosting, automation, configuration management, performance analysis, virtualization, DNS, security, and the management of IT service organizations. The authors—world-class, hands-on technologists—offer indispensable new coverage of cloud platforms, the DevOps philosophy, continuous deployment, containerization, monitoring, and many other essential topics. Whatever your role in running systems and networks built on UNIX or Linux, this conversational, well-written guide will improve your efficiency and help solve your knottiest problems.

*Unix: Concepts And Applications* John Wiley & Sons

Linux For Beginners! Updated April 2016 The Ultimate Beginners Crash Course To Learning & Mastering Linux Are You Ready To Learn How To Use,

Master & Configure Linux? If So You've Come To The Right Place - Regardless Of How Little Experience You May Have! There's a ton of other technical guides out there that aren't clear and concise, and in my opinion use far too much jargon. My job is to teach you in simple, easy to follow terms how to get started and excel at Linux! Here's A Preview Of What Linux For Beginners Contains... An Introduction to Linux Installing Linux - Exactly What You Need To Know Server Vs. Desktop Editions - Variations Of Linux Explained Tasks & Commands You Need To Know To Master Linux How To Effortlessly Navigate Through Your Linux Operating System File Editing - How To Use VIM Advanced Navigation & Linux Controls And Much, Much More! Order Your Copy Now And Let's Get Started!

#### Running Linux No Starch Press

Design a complete Voice over IP (VoIP) or traditional PBX system with Asterisk, even if you have only basic telecommunications knowledge. This bestselling guide makes it easy, with a detailed roadmap that shows you how to install and configure this open source software, whether you're upgrading your existing phone system or starting from scratch. Ideal for Linux administrators, developers, and power users, this updated edition shows you how to write a basic dialplan step-by-step, and brings you up to speed on the features in Asterisk 11, the latest long-term support release from Digium. You'll quickly gain working knowledge to build a simple yet inclusive system. Integrate Asterisk with analog, VoIP, and digital telephony systems Build an interactive dialplan, using best practices for more advanced features Delve into voicemail options, such as storing messages in a database Connect to external services including Google Talk, XMPP, and calendars Incorporate Asterisk features and functions into a relational database to facilitate information sharing Learn how to use Asterisk's security, call routing, and faxing features Monitor and control your system with the Asterisk Manager Interface (AMI) Plan for expansion by learning tools for building distributed systems

**Bioinformatics** "O'Reilly Media, Inc."

FreeBSD—the powerful, flexible, and free Unix-like operating system—is the preferred server for many enterprises. But it can be even trickier to use than either Unix or Linux, and harder still to master. Absolute FreeBSD, 2nd Edition is your complete guide to FreeBSD, written by FreeBSD committer Michael W. Lucas. Lucas considers this completely revised and rewritten second edition of his landmark work to be his best work ever; a true product of his love for FreeBSD and the support of the FreeBSD community. Absolute FreeBSD, 2nd Edition covers installation, networking, security, network services, system performance, kernel tweaking, filesystems, SMP, upgrading, crash debugging, and much more, including coverage of how to:–Use advanced security features like packet filtering, virtual machines, and host-based intrusion detection –Build custom live FreeBSD CDs and bootable flash –Manage network services and filesystems –Use DNS and set up email, IMAP, web, and FTP services for both servers and clients –Monitor your

system with performance-testing and troubleshooting tools –Run diskless systems –Manage schedulers, remap shared libraries, and optimize your system for your hardware and your workload –Build custom network appliances with embedded FreeBSD –Implement redundant disks, even without special hardware –Integrate FreeBSD-specific SNMP into your network management system. Whether you're just getting started with FreeBSD or you've been using it for years, you'll find this book to be the definitive guide to FreeBSD that you've been waiting for.

*Understanding Computation* McGraw-Hill Higher Education

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

**Your UNIX/LINUX** Simon and Schuster

Your UNIX/Linux: The Ultimate GuideMcGraw-Hill Education

*Bash Guide for Beginners (Second Edition)* Fultus Corporation

This guide readers from the basic configuration to the full power of Postfix. It discusses the interfaces to various tools that round out a fully scalable and highly secure email system. These tools include POP, IMAP, LDAP, MySQL, Simple Authentication and Security Layer (SASL), and Transport Layer Security (TLS, an upgrade of SSL).

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