Macintosh Terminal Pocket Guide

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Linux Pocket Guide
Introduction to Modern Cryptography
Linux Device Drivers
The Linux Command Line, 2nd Edition
Cutaneous Melanoma
macOS High Sierra For Dummies
Tmux 2
Macintosh Terminal Guide
Pro Git
Learning Unix for Mac OS X
The Go Programming Language
The Linux Cookbook, 2nd Edition
The Unofficial MacGyver How-To Handbook: Actual Working Tricks as Seen on TV's MacGyver
Medical Terminology
Our Final Invention
Macintosh Repair & Upgrade Secrets
From Bash to Z Shell
Efficient Linux at the Command Line
Learning Unix for OS X
The Mac OS X Command Line
Inadequate Equilibria (Draft Version)
Bash Guide for Beginners (Second Edition)
The Apple Macintosh Book
Software-Defined Radio for Engineers
AppleScript: The Missing Manual
Mac OS X in a Nutshell
Generative Art
Mac 911
Linux For Dummies
Macintosh Terminal Pocket Guide
SSH, The Secure Shell
A Primer on Scientific Programming with Python
Bash Pocket Reference
Learn to Program with Minecraft
Tweak Your Mac Terminal
The Linux Command Line, 2nd Edition
Big Book of Apple Hacks
Unix in a Nutshell

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Macintosh Terminal Pocket Guide
"O'Reilly Media, Inc."
The Mac command line offers a faster, easier way to accomplish many tasks. It's also the medium for many commands that aren't accessible using the GUI. The Mac OS X Command Line is a clear, concise, tutorial-style introduction to all the major functionality provided by the command line. It's also packed with information the experienced users need, including little-known shortcuts and several chapters devoted to advanced topics. This is a book to get you started, but also a book you won’t soon outgrow.
Linux Pocket Guide Createspace Independent Publishing Platform
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.
Introduction to Modern Cryptography O'Reilly Media, Inc.
Think your Mac is powerful now? Author Dave Taylor 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. Apple's latest OS, El Capitan, puts more than a thousand Unix commands at your fingertips--for finding and managing files, remotely accessing your Mac from other computers, and using a variety of freely downloadable open source applications. Take a friendly tour of the Unix command line and 50 of the most useful utilities, and quickly learn how to gain real control over your Mac.

Linux Device Drivers "O'Reilly Media, Inc."
Take your Linux skills to the next level! Whether you're a system administrator, software developer, site reliability engineer, or enthusiastic hobbyist, this practical, hands-on book will help you work faster, smarter, and more efficiently. You'll learn how to create and run complex commands that solve real business problems, process and retrieve information, and automate manual tasks. You'll also truly understand what happens behind the shell prompt, so no matter which commands you run, you can be more successful in everyday Linux use and more competitive on the job market. As you build intermediate to advanced command-line skills, you'll learn how to: Choose or construct commands that get your work done quickly Run commands efficiently and navigate the Linux filesystem with ease Build powerful, complex commands out of simpler ones Transform text files and query them like databases to achieve business goals Control Linux point-and-click features from the command line
The Linux Command Line, 2nd Edition Macmillan
Now the most used texbook for introductory cryptography courses in both mathematics and computer science, the Third Edition builds upon previous editions by offering several new sections, topics, and exercises. The authors present the core principles of modern cryptography, with emphasis on formal definitions, rigorous proofs of security.
Cutaneous Melanoma No Starch Press
Provides step-by-step instructions on how to use the computer operating system Linux.
macOS High Sierra For Dummies No Starch Press
The Most Useful UNIX Guide for Mac OS X Users Ever, with Hundreds of High-Quality Examples! Beneath Mac OS® X's stunning graphical user interface (GUI) is the most powerful operating system ever created: UNIX®. With unmatched clarity and insight, this book explains UNIX for the Mac OS X user–giving you total control over your system, so you can get more done, faster. Building on Mark Sobell's highly praised A Practical Guide to the UNIX System, it delivers comprehensive guidance on the UNIX command line tools every user, administrator, and developer needs to master—together with the world's best day-to-day UNIX reference. This book is packed with hundreds of high-quality examples. From networking and system utilities to shells and programming, this is UNIX from the ground up–both the "whys" and the "hows"–for every Mac user. You'll understand the relationships between GUI tools and their command line counterparts. Need instant answers? Don't bother with confusing online "manual pages": rely on this book's example-rich, quick-access, 236-page command reference! Don't settle for just any UNIX guidebook. Get one focused on your specific needs as a Mac user! A Practical Guide to UNIX® for Mac OS® X Users is the most useful, comprehensive UNIX tutorial and reference for Mac OS X and is the only book that delivers Better, more realistic examples covering tasks you'll actually need to perform Deeper insight, based on the authors' immense knowledge of every UNIX and OS X nook and cranny Practical guidance for experienced UNIX users moving to Mac OS X Exclusive discussions of Mac-only utilities, including plutil, ditto, nidump, otool, launchctl, diskutil, GetFileInfo, and SetFile Techniques for implementing secure communications with ssh and

scp–plus dozens of tips for making your OS X system more secure Expert guidance on basic and advanced shell programming with bash and tcsh Tips and tricks for using the shell interactively from the command line Thorough guides to vi and emacs designed to help you get productive fast, and maximize your editing efficiency In-depth coverage of the Mac OS X filesystem and access permissions, including extended attributes and Access Control Lists (ACLs) A comprehensive UNIX glossary Dozens of exercises to help you practice and gain confidence And much more, including a superior introduction to UNIX programming tools such as awk, sed, otool, make, gcc, gdb, and CVS

Academic Press

Summary Generative Art presents both the technique and the beauty of algorithmic art. The book includes high-quality examples of generative art, along with the specific programmatic steps author and artist Matt Pearson followed to create each unique piece using the Processing programming language. About the Technology Artists have always explored new media, and computer-based artists are no exception. Generative art, a technique where the artist creates print or onscreen images by using computer algorithms, finds the artistic intersection of programming, computer graphics, and individual expression. The book includes a tutorial on Processing, an open source programming language and environment for people who want to create images, animations, and interactions. About the Book Generative Art presents both the techniques and the beauty of algorithmic art. In it, you'll find dozens of high-quality examples of generative art, along with the specific steps the author followed to create each unique piece using the Processing programming language. The book includes concise tutorials for each of the technical components required to create the book's images, and it offers countless suggestions for how you can combine and reuse the various techniques to create your own works. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside The principles of algorithmic art A Processing language tutorial Using organic, pseudo-random, emergent, and fractal processes ========== ========== ========= Table of Contents Part 1 Creative Coding Generative Art: In Theory and Practice Processing: A Programming Language for ArtistsPart 2 Randomness and Noise The Wrong Way to Draw A Line The Wrong Way to Draw a Circle Adding Dimensions Part 3 Complexity Emergence Autonomy Fractals

Tmux 2 Apress

Each chapter in the volume features outlines, objectives, line drawings, pronunciation keys and worksheets for immediate feedback. The book uses word-building and the body-systems approach to teach terminology. Medical records sections relate the content to real-life situations.

Macintosh Terminal Guide Artech House

Elon Musk named Our Final Invention one of five books everyone should read about the future—a Huffington Post Definitive Tech Book of 2013. Artificial Intelligence helps choose what books you buy, what movies you see, and even who you date. It puts the “smart” in your smartphone and soon it will drive your car. It makes most of the trades on Wall

Street, and controls vital energy, water, and transportation infrastructure. But Artificial Intelligence can also threaten our existence. In as little as a decade, AI could match and then surpass human intelligence. Corporations and government agencies are pouring billions into achieving AI's Holy Grail—human-level intelligence. Once AI has attained it, scientists argue, it will have survival drives much like our own. We may be forced to compete with a rival more cunning, more powerful, and more alien than we can imagine. Through profiles of tech visionaries, industry watchdogs, and groundbreaking AI systems, Our Final Invention explores the perils of the heedless pursuit of advanced AI. Until now, human intelligence has had no rival. Can we coexist with beings whose intelligence dwarfs our own? And will they allow us to? "If you read just one book that makes you confront scary high-tech realities that we'll soon have no choice but to address, make it this one." —The Washington Post "Science fiction has long explored the implications of humanlike machines (think of Asimov's I, Robot), but Barrat's thoughtful treatment adds a dose of reality." —Science News "A dark new book . . . lays out a strong case for why we should be at least a little worried." —The New Yorker

Pro Git O'Reilly Media

Now that your favorite operating system, Mac OS X, has Unix under the hood, it's the perfect time for you to uncover its capabilities. This new edition of Learning Unix for Mac OS X is designed to teach Unix basics to traditional Macintosh users. This book tells you what to do when you're faced with that empty command line. Book jacket.

Learning Unix for Mac OS X "O'Reilly Media, Inc."

Macintosh Terminal Pocket Guide"O'Reilly Media, Inc."

The Go Programming Language Springer

The book serves as a first introduction to computer programming of scientific applications, using the high-level Python language. The exposition is example and problem-oriented, where the applications are taken from mathematics, numerical calculus, statistics, physics, biology and finance. The book teaches "Matlab-style" and procedural programming as well as object-oriented programming. High school mathematics is a required background and it is advantageous to study classical and numerical one-variable calculus in parallel with reading this book. Besides learning how to program computers, the reader will also learn how to solve mathematical problems, arising in various branches of science and engineering, with the aid of numerical methods and programming. By blending programming, mathematics and scientific applications, the book lays a solid foundation for practicing computational science. From the reviews: Langtangen ... does an excellent job of introducing programming as a set of skills in problem solving. He guides the reader into thinking properly about producing program logic and data structures for modeling real-world problems using objects and functions and embracing the object-oriented paradigm. ... Summing Up: Highly recommended. F. H. Wild III, Choice, Vol. 47 (8), April 2010 Those of us who have learned scientific programming in Python 'on the streets' could be a little jealous of students who have the opportunity to take a course out of Langtangen's Primer." John D. Cook, The Mathematical Association of America, September 2011 This book

goes through Python in particular, and programming in general, via tasks that scientists will likely perform. It contains valuable information for students new to scientific computing and would be the perfect bridge between an introduction to programming and an advanced course on numerical methods or computational science. Alex Small, IEEE, CiSE Vol. 14 (2), March /April 2012 “This fourth edition is a wonderful, inclusive textbook that covers pretty much everything one needs to know to go from zero to fairly sophisticated scientific programming in Python...” Joan Horvath, Computing Reviews, March 2015

The Linux Cookbook, 2nd Edition Addison-Wesley Professional

Appropriate for the do-it-yourselfer, this book is a comprehensive upgrade and repair guide for the classic, one-piece Macintosh. Easy-to-use diagnostic software for quick performance checks is included, covering models 128K, the Macintosh SE, the Lisa 2/5, the Lisa 2/10, and the Macintosh XL.

The Unofficial MacGyver How-To Handbook: Actual Working Tricks as Seen on TV's MacGyver "O'Reilly Media, Inc."

You’ve bested creepers, traveled deep into caves, and maybe even gone to The End and back—but have you ever transformed a sword into a magic wand? Built a palace in the blink of an eye? Designed your own color-changing disco dance floor? In Learn to Program with Minecraft®, you’ll do all this and more with the power of Python, a free language used by millions of professional and first-time programmers! Begin with some short, simple Python lessons and then use your new skills to modify Minecraft to produce instant and totally awesome results. Learn how to customize Minecraft to make mini-games, duplicate entire buildings, and turn boring blocks into gold. You’ll also write programs that: –Take you on an automated teleportation tour around your Minecraft world –Build massive monuments, pyramids, forests, and more in a snap! –Make secret passageways that open when you activate a hidden switch –Create a spooky ghost town that vanishes and reappears elsewhere –Show exactly where to dig for rare blocks –Cast a spell so that a cascade of flowers (or dynamite if you’re daring!) follows your every move –Make mischief with dastardly lava traps and watery curses that cause huge floods Whether you’re a Minecraft megafan or a newbie, you’ll see Minecraft in a whole new light while learning the basics of programming. Sure, you could spend all day mining for precious resources or building your mansion by hand, but with the power of Python, those days are over! Requires: Windows 7 or later; OS X 10.10 or later; or a Raspberry Pi. Uses Python 3

Medical Terminology "O'Reilly Media, Inc."

Unlock the secrets of the Terminal and discover how this powerful tool solves problems the Finder can't handle. With this handy guide, you'll learn commands for a variety of tasks, such as killing programs that refuse to quit, renaming a large batch of files in seconds, or running jobs in the background while you do other work. Get started with an easy-to-understand overview of the Terminal and its partner, the shell. Then dive into commands neatly arranged into two dozen categories, including directory operations, file comparisons, and network connections. Each command includes a concise description of its purpose and features. Log into your Mac from remote locations Search and

modify files in powerful ways Schedule jobs for particular days and times Let several people use one Mac at the same time Compress and uncompress files in a variety of formats View and manipulate Mac OS X processes Combine multiple commands to perform complex operations Download and install additional commands from the Internet

Our Final Invention "O'Reilly Media, Inc."

One of the fastest ways to learn Linux is with this perennial favorite Eight previous top-selling editions of Linux For Dummies can't be wrong. If you've been wanting to migrate to Linux, this book is the best way to get there. Written in easy-to-follow, everyday terms, Linux For Dummies 9th Edition gets you started by concentrating on two distributions of Linux that beginners love: the Ubuntu LiveCD distribution and the gOS Linux distribution, which comes pre-installed on Everex computers. The book also covers the full Fedora distribution. Linux is an open-source operating system and a low-cost or free alternative to Microsoft Windows; of numerous distributions of Linux, this book covers Ubuntu Linux, Fedora Core Linux, and gOS Linux, and includes them on the DVD. Install new open source software via Synaptic or RPM package managers Use free software to browse the Web, listen to music, read e-mail, edit photos, and even run Windows in a virtualized environment Get acquainted with the Linux command line If you want to get a solid foundation in Linux, this popular, accessible book is for you. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Macintosh Repair & Upgrade Secrets Peachpit Press

Itâ??s simple: if you want to interact deeply with Mac OS X, Linux, and other Unix-like systems, you need to know how to work with the Bash shell. This concise little book puts all of the essential information about Bash right at your fingertips. Youâ??ll quickly find answers to the annoying questions that generally come up when youâ??re writing shell scripts: What characters do you need to quote? How do you get variable substitution to do exactly what you want? How do you use arrays? Updated for Bash version 4.4, this book has the answers to these and other problems in a format that makes browsing quick and easy. Topics include: Invoking the shell Syntax Functions and variables Arithmetic expressions Command history Programmable completion Job control Shell options Command execution Coprocesses Restricted shells Built-in commands

From Bash to Z Shell No Starch Press

* In-depth, unique coverage of ZSH, one of most modern and powerful of all shells. Also covers Bash, the preferred shell for most serious Linux and Unix users. * Very strong author and tech review team: Co-author Peter Stephenson has been involved in the development of Zsh since the 1990s when he started to write the FAQ. For the last few years, he has served as coordinator of the shell's development. Tech Reviewers: Ed Schaefer is the "Shell Corner" columnist for SysAdmin Magazine and Bart Schaefer is one of the lead developers of Zsh development. * Book is immediately useful, packed with short example and suggestions that the reader can put to use in their shell environment. * Extensive coverage of interactive and advanced shell features, including shell extensions, completion functions, and shortcuts. * Great book for users of all expertise; perennial

seller.

Efficient Linux at the Command Line

Createspace Independent Publishing Platform

Device drivers literally drive everything you're interested in--disks, monitors, keyboards, modems--everything outside the computer chip and memory. And writing device drivers is one of the few areas of programming for the Linux operating system that calls for unique, Linux-specific knowledge. For years now, programmers have relied on the classic Linux Device Drivers from O'Reilly to master this critical subject. Now in its third edition, this bestselling guide provides all the information you'll need to write drivers for a wide range of devices.Over the years the book has helped countless programmers learn: how to support computer peripherals under the Linux operating system how to develop and write software for new hardware under Linux the basics of Linux operation even if they are not expecting to write a driver The new edition of Linux Device Drivers is better than ever. The book covers all the significant changes to Version 2.6 of the Linux kernel, which simplifies many activities, and contains subtle new features that can make a driver both more efficient and more flexible. Readers will find new chapters on important types of drivers not covered previously, such as consoles, USB drivers, and more.Best of all, you don't have to be a kernel hacker to understand and enjoy this book. All you need is an understanding of the C programming language and some background in Unix system calls. And for maximum ease-of-use, the book uses full-featured examples that you can compile and run without special hardware.Today Linux holds fast as the most rapidly growing segment of the computer market and continues to win over enthusiastic adherents in many application areas. With this increasing support, Linux is now absolutely mainstream, and viewed as a solid platform for embedded systems. If you're writing device drivers, you'll want this book. In fact, you'll wonder how drivers are ever written without it.