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Python for Unix and Linux System Administration Practical UNIX and Internet Security Minimal Perl Introduction to Unix and Linux Unix and Linux Introduction to UNIX and Linux UNIX for Programmers and Users UNIX MADE EASY: UNIX AND LINUX BASICS AND BEYOND. Unix□□□□□□□□□□□□□□□□□2□ The Art of UNIX Programming A System V Guide to UNIX and XENIX A Practical Guide to UNIX System V Mastering Python for Unix and Linux System Administration Understanding Unix Linux Programming UNIX□□□□□□□3□ Unix Shell Programming UNIX Unleashed Unix Power Tools The Korn Shell UNIX and Linux System Administration Handbook Hands-On System Programming with Go Mac OS X Tiger for Unix Geeks UNIX and Linux Forensic Analysis DVD Toolkit □□ Unix for OS X Network and System Security □□□□□□□□□ Automating Linux and Unix System Administration A quarter century of UNIX. UNIX□□□□□□ Unix for the Impatient UNIX Administration UNIX Made Easy Mac OS X for Unix Geeks Understanding Unix/Linux Programming Real-Time UNIX® Systems Learning Unix for Mac OS X Programming the Win32 API and UNIX System Services Introduction to Unix and Linux Lab Manual, Student Edition Programming with Qt Introduction to Unix and Shell Programming

Python for Unix and Linux System Administration 2008-08-22 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

Practical UNIX and Internet Security 2003-02-21 when practical unix security was first published more than a decade ago it became an instant classic crammed with information about host security it saved many a unix system administrator from disaster the second edition added much needed internet security coverage and doubled the size of the original volume the third edition is a comprehensive update of this very popular book a companion for the unix linux system administrator who needs to secure his or her organization s system networks and web presence in an increasingly hostile world focusing on the four most popular unix variants today solaris mac os x linux and freebsd this book contains new information on pam pluggable authentication modules ldap smb samba anti theft technologies embedded systems wireless and laptop issues forensics intrusion detection chroot jails telephone scanners and firewalls virtual and cryptographic filesystems webnfs kernel security levels outsourcing legal issues new internet protocols and cryptographic algorithms and much more practical unix internet security consists of six parts computer security basics introduction to security problems and solutions unix history and lineage and the importance of security policies as a basic element of system security security building blocks fundamentals of unix passwords users groups the unix filesystem cryptography physical

security and personnel security network security a detailed look at modem and dialup security tcp ip securing individual network services sun s rpc various host and network authentication systems e g nis nis and kerberos nfs and other filesystems and the importance of secure programming secure operations keeping up to date in today s changing security world backups defending against attacks performing integrity management and auditing handling security incidents discovering a break in dealing with programmed threats and denial of service attacks and legal aspects of computer security appendixes a comprehensive security checklist and a detailed bibliography of paper and electronic references for further reading and research packed with 1000 pages of helpful text scripts checklists tips and warnings this third edition remains the definitive reference for unix administrators and anyone who cares about protecting their systems and data from today s threats

Minimal Perl 2006-10-01 no nonsense and practical yet with wit and charm a joy to read dan sanderson software developer amazon com shows style not just facts valuable brian downs former training director lucent technologies brilliant never tedious highly recommended jon allen maintainer of perldoc perl org you could have chosen no better primer than this book damian conway from the foreword perl is a complex language that can be difficult to master perl advocates boast that there s more than one way to do it but do you really want to learn several ways of saying the same thing to a computer to make perl more accessible dr tim maher has over the years designed and taught an essential subset of the language that is smaller yet practical and powerful with this engaging book you can now benefit from minimal perl even if all you know about unix is grep you will learn how to write simple perl commands many just one liners that go far beyond the limitations of unix utilities and those of linux macos x etc and you ll acquire the more advanced perl skills used in scripts by capitalizing on your knowledge of related shell resources sprinkled throughout are many unix specific perl tips this book is especially suitable for system administrators webmasters and software developers

Introduction to Unix and Linux 2003 in this updated edition authors deborah and eric ray use crystal clear instructions and friendly prose to introduce you to all of today s unix essentials you ll find the information you need to get started with the operating system and learn the most common unix commands and concepts so that unix can do the hard work for you after mastering the basics of unix you ll move on to how to use directories and files work with a shell and create and edit files you ll then learn how to manipulate files configure a unix environment and run and even write scripts throughout the book from logging in to being root the authors offer essential

coverage of unix
Unix and Linux 2014-07-07 for an introductory course on unix unix for programmers and users third edition follows in the tradition of previous editions to provide students with complete up to date coverage of unix in this new edition they will find information on basic concepts popular utilities shells networking systems programming internals system administration and much more
Introduction to UNIX and Linux 2003
UNIX for Programmers and Users 2003 the art of unix programming poses the belief that understanding the unwritten unix engineering tradition and mastering its design patterns will help programmers of all stripes to become better programmers this book attempts to capture the engineering wisdom and design philosophy of the unix linux and open source software development community as it has evolved over the past three decades and as it is applied today by the most experienced programmers eric raymond offers the next generation of hackers the unique opportunity to learn the connection between unix philosophy and practice through careful case studies of the very best unix linux programs
UNIX MADE EASY: UNIX AND LINUX BASICS AND BEYOND. 2002 a system v guide to unix and xenix takes the novice reader through the features of the unix system step by step without jargon and assumptions about the reader s technical knowledge found in similar books with its clear explanations numerous examles and straightforward organization this book appeals to many non technical people just beginning to work with unix as well as engineers and programmers with prior experience anyone who reads this book will learn how to use the features of unix and how to modify and customize those features it is organized in such a way that it leads the reader from the unix basics to the more complex and powerful concepts such as shell programming and networking although the book is written as introduction and reference for the unix user it can very well be used as a textbook in undergraduate computer science or computer engineering courses
Unix 2版 2003-10 this bestselling work has been revised and updated to reflect the newest release of unix system v release 4 0 expanded coverage includes networking variables control structures signal handling and other aspects of programming using the bourne shell two chapters on word processing contain vi the nroff text formatter and mm macros
The Art of UNIX Programming 2003-09-23 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

A System V Guide to UNIX and XENIX 2012-12-06 this book explains in a clear and coherent manner how unix works how to understand existing unix programs and how to design and create new unix programs the book is organized by subsystem each presented in visual terms and explained using vivid metaphors it breaks the information into manageable parts that can be presented explained and mastered by using case studies and an extremely reader friendly manner to illustrate complex ideas and concepts the book covers the basics of systems programming users files and manuals how to read a directory using ls writing pwd studying stty writing a video game studying sh environment and shell variables i o redirection and pipes servers and sockets writing a web server license servers and concurrent functions for unix system administrators and programmers network programmers and others who have used other operating systems and need to learn unix programming to expand their skill sets

A Practical Guide to UNIX System V 1991 unix

Mastering Python for Unix and Linux System Administration 2017-06-12 unix shell programming is a tutorial aimed at helping unix and linux users get optimal performance out of their operating out of their operating system it shows them how to take control of their systems and work efficiently by harnessing the power of the shell to solve common problems the reader learns everything he or she needs to know to customize the way a unix system responds the vast majority of unix users utilize the korn shell or some variant of the bourne shell such as bash three are covered in the third edition of unix shell programming it begins with a generalized tutorial of unix and tools and then moves into detailed coverage of shell programming topics covered include regular expressions the kernel and the utilities command files parameters manipulating text filters understanding and debugging shell scripts creating and utilizing variables tools processes and customizing the shell

Understanding Unix Linux Programming 2002-11-01 unix unleashed 2nd ed takes an in depth look at unix and its features commands and utilities written by unix experts in the unix and open systems fields this book is the all purpose one stop unix guide that takes the reader from start to finish the companion cd contains gnu emacs perl bash uucp tex utilities gnu c compiler and shell scripts from the book as well as other programs and utilities

UNIX 3版） 2003-08 with the growing popularity of linux and the advent of darwin unix has metamorphosed into something new and exciting no longer perceived as a difficult operating system more and more users are discovering the advantages of unix for the first time but whether you are a newcomer or a unix power user you ll find yourself thumbing through the goldmine of information

in the new edition of unix power tools to add to your store of knowledge want to try something new check this book first and you re sure to find a tip or trick that will prevent you from learning things the hard way the latest edition of this best selling favorite is loaded with advice about almost every aspect of unix covering all the new technologies that users need to know in addition to vital information on linux darwin and bsd unix power tools 3rd edition now offers more coverage of bash zsh and other new shells along with discussions about modern utilities and applications several sections focus on security and internet access and there is a new chapter on access to unix from windows addressing the heterogeneous nature of systems today you ll also find expanded coverage of software installation and packaging as well as basic information on perl and python unix power tools 3rd edition is a browser s book like a magazine that you don t read from start to finish but leaf through repeatedly until you realize that you ve read it all bursting with cross references interesting sidebars explore syntax or point out other directions for exploration including relevant technical details that might not be immediately apparent the book includes articles abstracted from other o reilly books new information that highlights program tricks and gotchas tips posted to the net over the years and other accumulated wisdom affectionately referred to by readers as the unix book unix power tools provides access to information every unix user is going to need to know it will help you think creatively about unix and will help you get to the point where you can analyze your own problems your own solutions won t be far behind

Unix Shell Programming 2003-02-27 this manual seeks to provide hands on advice and technical tips on how to use the korn shell features effectively to customize the unix linux environment and write test and debug korn shell scripts it contains hundreds of examples plus complete ready to run sample scripts

UNIX Unleashed 1997 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 Power Tools 2003 explore the fundamentals of systems programming starting from kernel api and filesystem to network programming and process communications key featureslearn how to write unix and linux system code in golang v1 12perform inter process communication using pipes message queues shared memory and semaphoresexplore modern go features such as goroutines and channels that facilitate systems programmingbook description system software and applications were largely created using low level languages such as c or c go is a modern language that combines simplicity concurrency and performance making it a good alternative for building system applications for linux and macos this go book introduces unix and systems programming to help you understand the components the os has to offer ranging from the kernel api to the filesystem and familiarize yourself with go and its specifications you ll also learn how to optimize input and output operations with files and streams of data which are useful tools in building pseudo terminal applications you ll gain insights into how processes communicate with each other and learn about processes and daemon control using signals pipes and exit codes this book will also enable you to understand how to use network communication using various protocols including tcp and http as you advance you ll focus on go s best feature concurrency helping you handle communication with channels and goroutines other concurrency tools to synchronize shared resources and the context package to write elegant applications by the end of this book you will have learned how to build concurrent system applications using go what you will learnexplore concepts of system programming using go and concurrencygain insights into golang s internals memory models and

allocationfamiliarize yourself with the filesystem and io streams in generalhandle and control processes and daemons lifetime via signals and pipescommunicate with other applications effectively using a networkuse various encoding formats to serialize complex data structuresbecome well versed in concurrency with channels goroutines and syncuse concurrency patterns to build robust and performant system applicationswho this book is for if you are a developer who wants to learn system programming with go this book is for you although no knowledge of unix and linux system programming is necessary intermediate knowledge of go will help you understand the concepts covered in the book

The Korn Shell 2001 if you re one of the many unix developers drawn to mac os x for its unix core you ll find yourself in surprisingly unfamiliar territory unix and mac os x are kissing cousins but there are enough pitfalls and minefields in going from one to another that even a unix guru can stumble and most guides to mac os x are written for mac aficionados for a unix developer approaching tiger from the mac side is a bit like learning russian by reading the russian side of a russian english dictionary fortunately o reilly has been the unix authority for over 25 years and in mac os x tiger for unix geeks that depth of understanding shows this is the book for mac command line fans completely revised and updated to cover mac os x tiger this new edition helps you quickly and painlessly get acclimated with tiger s familiar yet foreign unix environment topics include using the terminal and understanding how it differs from an xterm using directory services open directory ldap and netinfo compiling code with gcc 3 library linking and porting unix software creating and installing packages with fink using darwinports search through metadata with spotlight s command line utilities building the darwin kernel running x windows on top of mac os x or better yet run mac os x on a windows machine with pearpc mac os x tiger for unix geeks is the ideal survival guide for taming the unix side of tiger if you re a unix geek with an interest in mac os x you ll find this clear concise book invaluable

UNIX and Linux System Administration Handbook 2017-09-14 this book addresses topics in the area of forensic analysis of systems running on variants of the unix operating system which is the choice of hackers for their attack platforms according to a 2007 idc report unix servers account for the second largest segment of spending behind windows in the worldwide server market with 4 2 billion in 2q07 representing 31 7 of corporate server spending unix systems have not been analyzed to any significant depth largely due to a lack of understanding on the part of the investigator an understanding and knowledge base that has been achieved by the attacker the book begins with a chapter to describe why and how the book was written and for whom and then

immediately begins addressing the issues of live response volatile data collection and analysis the book continues by addressing issues of collecting and analyzing the contents of physical memory i e ram the following chapters address proc analysis revealing the wealth of significant evidence and analysis of files created by or on unix systems then the book addresses the underground world of unix hacking and reveals methods and techniques used by hackers malware coders and anti forensic developers the book then illustrates to the investigator how to analyze these files and extract the information they need to perform a comprehensive forensic analysis the final chapter includes a detailed discussion of loadable kernel modules and malware throughout the book the author provides a wealth of unique information providing tools techniques and information that won t be found anywhere else this book contains information about unix forensic analysis that is not available anywhere else much of the information is a result of the author s own unique research and work the authors have the combined experience of law enforcement military and corporate forensics this unique perspective makes this book attractive to all forensic investigators

Hands-On System Programming with Go 2019-07-05 mac unix

Mac OS X Tiger for Unix Geeks 2005-06-01 there are many objectives and goals to be considered when securing a operating system when configuring unix operating system security consider the critical principles of security known as the confidentiality integrity and availability cia triad in addition to incorporating security controls that relate to the cia triad three other security features directly affect cia and aid the overall site security program access control auditing and backups although this chapter covers general unix considerations it also addresses several linux specific items this chapter is for all linux variants file names directory paths variable names and so on may also have to be taken into consideration there are numerous versions of linux and it would be beyond the scope of this chapter to try to detail them all all requirements listed within this chapter will pertain to all versions of linux unless explicitly noted otherwise

UNIX and Linux Forensic Analysis DVD Toolkit 2008-07-24

□□ *Unix for OS X* 2013-10-25 the author focuses solely on how unix and linux system administrators can use well known tools to automate tasks even across multiple systems

Network and System Security 2013-08-26 unix

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Automating Linux and Unix System Administration 2009-02-01 perfect for the technically oriented

unixreg user who doesn t have time to wade through the manuals as well as for the serious internet user who needs to understand more about unix this handbook offers concise practical information on exactly what you need to know thoroughly updated with information on the latest unix developments this second edition is now based on the posix 2 standard as before topics include user utilities standard editors emacs internet access tools and the x window systemtrade new topics include the kornshell the world wide newsreaders and system administration from the user s perspective background on popular new systems such as linux and freebsd has also been added the book is organized functionally so that you can easily find the right tool for any task and includes a complete alphabetical summary for fast lookup by command or option

A quarter century of UNIX. 2000-11 to configure and maintain an operating system is serious business with unix and its wide variety of flavors it can be especially difficult and frustrating and networking with unix adds still more challenges unix administration a comprehensive sourcebook for effective systems network management is a one stop handbook for the administration and maintenance of unix systems and networks with an outstanding balance of concepts and practical matters it covers the entire range of administrative tasks from the most basic to the advanced from system startup and shutdown to network security and kernel reconfiguration while focusing on the primary unix platforms the author discusses all of the most common unix flavors including solaris linux hp ux aix and sgi irix three chapters of case studies offer a practical look at unix implementation issues unix installation disk space upgrade and several emergency situations that every administrator must expect to face at some point diverse yet detailed filled with examples and specific procedures this is the one book that both the novice and the seasoned professional need to learn unix administration and effectively perform their daily system and network related duties

UNIX 2001-02 use this hands on step by step reference book to learn unix and linux

Unix for the Impatient 1996 if you re one of the many unix developers drawn to mac os x for its bsd core you ll find yourself in surprisingly unfamiliar territory even if you re an experienced mac user mac os x is unlike earlier macs and it s radically different from the unix you ve used before too enter mac os x for unix geeks by brian jepson and ernest e rothman two unix geeks who found themselves in the same place you are their new book is your guide to figuring out the bsd unix system and mac specific components that are making your life difficult and to help ease you into the unix inside mac os x this concise book includes such topics as a quick overview of the terminal application understanding open directory ldap and netinfo issues related to using the

gnu c compiler 9gcc library linking and porting unix software an overview of mac os x s filesystem and startup processes creating and installing packages using fink building the darwin kernel running x windows on top of mac os x the book wraps up with a quick manpage style reference to the missing manual pages commands that come with mac os x although there are no manpages if you find yourself disoriented by the new mac environment mac os x for unix geeks can help you acclimate yourself quickly to the familiar yet foreign unix landscape

UNIX Administration 2002-05-29 an accessible yet comprehensive text that clearly explains unix programming and structuring by addressing the fundamentals of unix and providing alternative solutions to problems in concrete terms

UNIX Made Easy 2002 a growing concern of mine has been the unrealistic expectations for new computer related technologies introduced into all kinds of organizations unrealistic expectations lead to disappointment and a schizophrenic approach to the introduction of new technologies the unix and real time unix operating system technologies are major examples of emerging technologies with great potential benefits but unrealistic expectations users want to use unix as a common operating system throughout large segments of their organizations a common operating system would decrease software costs by helping to provide portability and interoperability between computer systems in today s multivendor environments users would be able to more easily purchase new equipment and technologies and cost effectively reuse their applications and they could more easily connect heterogeneous equipment in different departments without having to constantly write and rewrite interfaces on the other hand many users in various organizations do not understand the ramifications of general purpose versus real time unix users tend to think of real time as a way to handle exotic heart monitoring or robotics systems then these users use unix for transaction processing and office applications and complain about its performance robustness and reliability unfortunately the users don t realize that real time capabilities added to unix can provide better performance robustness and reliability for these non real time applications many other vendors and users do realize this however there are indications even now that general purpose unix will go away as a separate entity it will be replaced by a real time unix general purpose unix will exist only as a subset of real time unix

Mac OS X for Unix Geeks 2002-09-30 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

Understanding Unix/Linux Programming 2003 nowadays most companies run both windows and unix linux systems and thousands of system programmers face the challenge of working in both environments programming the win32 api and unix system services is the first hands on practical guide to systems programming in both environments the book starts with a quick easy overview of both the win32 api and unix system services in solaris and red hat linux next it presents complete in depth coverage of every key aspect of systems programming in each of these environments including processes threads controlling concurrent activity signals file i o memory network programming security and much more throughout the book presents easy to adapt cookbook sample code that solves the key problems systems programmers encounter helping them become proficient in heterogeneous environments more rapidly than ever before for all visual c mfc and other windows programmers interested in learning system level programming for windows 98 2000 or for unix and for all unix programmers transitioning to the windows environment

Real-Time UNIX® Systems 2012-12-06 publisher s note products purchased from third party sellers are not guaranteed by the publisher for quality authenticity or access to any online entitlements included with the product practice the it skills essential for your success 40 labs exercises that challenge you to solve problems based on realistic case studies step by step scenarios that require you to think critically post lab observation questions that measure your understanding of lab results key term quizzes that help build your vocabulary end of chapter lab solutions that explain not only what happened but why in this lab manual you ll practice logging on to the system working with the shell and creating shell scripts managing files with utilities modifying the user environment using the visual editor vi and the pico editor modifying and manipulating data using multiple utilities in scripts specifying instructions to the shell setting file and directory permissions controlling user processes managing printing and archiving large files accessing and touring graphical desktops administering a linux pc system

Learning Unix for Mac OS X 2003 the popular open source kde desktop environment for unix was built with qt a c class library for writing gui applications that run on unix linux windows 95 98 windows 2000 and windows nt platforms qt emulates the look and feel of motif but is much easier to use best of all after you have written an application with qt all you have to do is recompile it to have a version that works on windows qt also emulates the look and feel of windows so your users get native looking interfaces platform independence is not the only benefit qt is flexible and highly optimized you ll find that you need to write very little if any platform dependent code because qt already has what you need and qt is free for open source and linux development

although programming with qt is straightforward and feels natural once you get the hang of it the learning curve can be steep qt comes with excellent reference documentation but beginners often find the included tutorial is not enough to really get started with qt that s whereprogramming with qt steps in you ll learn how to program in qt as the book guides you through the steps of writing a simple paint application exercises with fully worked out answers help you deepen your understanding of the topics the book presents all of the gui elements in qt along with advice about when and how to use them so you can make full use of the toolkit for seasoned qt programmers there s also lots of information on advanced 2d transformations drag and drop writing custom image file filters networking with the new qt network extension xml processing unicode handling and more programming with qt helps you get the most out of this powerful easy to use cross platform toolkit it s been completely updated for qt version 3 0 and includes entirely new information on rich text unicode double byte characters internationalization and network programming

Programming the Win32 API and UNIX System Services 2000 introduction to unix and shell programming is designed to be an introductory first level book for a course on unix organised into twelve simple chapters the book guides the students from the basic introduction to the unix operating system and ext

Introduction to Unix and Linux Lab Manual, Student Edition 2002-12-16

Programming with Qt 2002-01-22

Introduction to Unix and Shell Programming 2009-08-10