A Complete Zenity Dialog Examples 2 Linux By Examples

An introduction to the techniques and algorithms of the newest field in robotics. Probabilistic robotics is a new and growing area in robotics, concerned with perception and control in the face of uncertainty. Building on the field of mathematical statistics, probabilistic robotics endows robots with a new level of robustness in real-world situations. This book introduces the reader to a wealth of techniques and algorithms in the field. All algorithms are based on a single overarching mathematical foundation. Each chapter provides example implementations in pseudo code, detailed mathematical derivations, discussions from a practitioner's perspective, and extensive lists of exercises and class projects. The book's Web site, www.probabilistic-robotics.org, has additional material. The book is relevant for anyone involved in robotic software development and scientific research. It will also be of interest to applied statisticians and engineers dealing with real-world sensor data.
Provides step-by-step instructions on how to use the computer operating system Linux. Choosen by BookAuthority as one of BookAuthority's Best Linux Mint Books of All Time Linux: The Textbook, Second Edition provides comprehensive coverage of the contemporary use of the Linux operating system for every level of student or practitioner, from beginners to advanced users. The text clearly illustrates system-specific commands and features using Debian-family Debian, Ubuntu, and Linux Mint, and RHEL-family CentOS, and stresses universal commands and features that are critical to all Linux distributions. The second edition of the book includes extensive updates and new chapters on system administration for desktop, stand-alone PCs, and server-class computers; API for system programming, including thread programming with pthreads; virtualization methodologies; and an extensive tutorial on systemd service management. Brand new online content on the CRC Press website includes an instructor's workbook, test bank, and In-Chapter exercise solutions, as well as full downloadable chapters on Python Version 3.5 programming, ZFS, TC shell programming, advanced system programming, and more. An author-hosted GitHub website also features updates, further references, and errata. Features New or updated

coverage of file system, sorting, regular expressions, directory and file searching, file compression and encryption, shell scripting, system programming, client-server—based network programming, thread programming with pthreads, and system administration Extensive in-text pedagogy, including chapter objectives, student projects, and basic and advanced student exercises for every chapter Expansive electronic downloads offer advanced content on Python, ZFS, TC shell scripting, advanced system programming, internetworking with Linux TCP/IP, and many more topics, all featured on the CRC Press website Downloadable test bank, workbook, and solutions available for instructors on the CRC Press website Author-maintained GitHub repository provides other resources, such as live links to further references, updates, and errata

The official guide to the hottest Linux distribution, which starts you out and points you in the direction you want to go.

Linux Command Line and Shell Scripting Bible

TCP/IP Protocol Suite

An Extensive Collection of Bourne Shell Examples

Ada 95

Tips and Techniques for Everyday Use

Republic

The GIMP Version 2.4 will be released end of 2005. We'll likely be first to market a book about the new version. Other books are pre-Version 2.4 and very outdated Takes a project-based approach. Reader will be taught through real-world examples and projects immediately applicable for their own work GIMP is an emerging technology in Open Source that has been making big headlines. Was used to make the Scooby-Doo movie and the official mascot of Linux (Tux) GIMP works on Mac OSX, Linux, and Windows. This book shows how to install it on each platform.

Develop your red team skills by learning essential foundational tactics, techniques, and procedures, and boost the overall security posture of your organization by leveraging the homefield advantage Key Features Build, manage, and measure an offensive red team program Leverage the homefield advantage to stay ahead of your adversaries Understand core adversarial tactics and techniques, and protect pentesters and pentesting assets Book Description It's now more important than ever for organizations to be ready to detect

and respond to security events and breaches. Preventive measures alone are not enough for dealing with adversaries. A well-rounded prevention, detection, and response program is required. This book will guide you through the stages of building a red team program, including strategies and homefield advantage opportunities to boost security. The book starts by guiding you through establishing, managing, and measuring a red team program, including effective ways for sharing results and findings to raise awareness. Gradually, you'll learn about progressive operations such as cryptocurrency mining, focused privacy testing, targeting telemetry, and even blue team tooling. Later, you'll discover knowledge graphs and how to build them, then become well-versed with basic to advanced techniques related to hunting for credentials, and learn to automate Microsoft Office and browsers to your advantage. Finally, you'll get to grips with protecting assets using decoys, auditing, and alerting with examples for major operating systems. By the end of this book, you'll have learned how to build, manage, and measure a red team program effectively and be well-versed with the fundamental operational techniques required to enhance your existing skills. What you will learn Understand the risks associated with security breaches Implement strategies for building an effective penetration testing team Map out the homefield using knowledge graphs Hunt credentials using indexing and other practical techniques Gain blue team tooling insights to enhance your red team skills Communicate results and influence decision makers with appropriate data Who this book is for This is one of the few detailed cybersecurity books for penetration testers, cybersecurity analysts, security leaders and strategists, as well as red team members and chief information security officers (CISOs) looking to secure their organizations from adversaries. The program management part of this book will also be useful for beginners in the cybersecurity domain. To get the most out of this book, some penetration testing experience, and software engineering and debugging skills are necessary.
Unleash the power of Python 3 objects About This Book Stop writing scripts and start architecting programs Learn the latest Python syntax and libraries A practical, hands-on tutorial that teaches you all about abstract design patterns and how to implement them in Python 3 Who This Book Is For If you're new to object-oriented programming techniques, or if you have basic Python skills and wish to learn in depth how and when to correctly apply object-oriented programming in Python to design software, this is the book for you. What You Will Learn Implement objects in Python by creating classes and defining methods Separate related objects into a taxonomy of classes and describe the properties and behaviors of those objects via the class interface Extend class functionality using inheritance Understand when to use object-oriented features, and

more importantly when not to use them Discover what design patterns are and why they are different in Python Uncover the simplicity of unit testing and why it's so important in Python Grasp common concurrency techniques and pitfalls in Python 3 Exploit object-oriented programming in key Python technologies such as Kivy and Django. Object-oriented programming concurrently with asyncio In Detail Python 3 is more versatile and easier to use than ever. It runs on all major platforms in a huge array of use cases. Coding in Python minimizes development time and increases productivity in comparison to other languages. Clean, maintainable code is easy to both read and write using Python's clear, concise syntax. Object-oriented programming is a popular design paradigm in which data and behaviors are encapsulated in such a way that they can be manipulated together. Many modern programming languages utilize the powerful concepts behind object-oriented programming and Python is no exception. Starting with a detailed analysis of object-oriented analysis and design, you will use the Python programming language to clearly grasp key concepts from the object-oriented paradigm. This book fully explains classes, data encapsulation, inheritance, polymorphism, abstraction, and exceptions with an emphasis on when you can use each principle to develop well-designed software. You'll get an in-depth analysis of many common object-oriented design patterns that are more suitable to Python's unique style. This book will not just teach Python syntax, but will also build your confidence in how to program. You will also learn how to create maintainable applications by studying higher level design patterns. Following this, you'll learn the complexities of string and file manipulation, and how Python distinguishes between binary and textual data. Not one, but two very powerful automated testing systems will be introduced in the book. After you discover the joy of unit testing and just how easy it can be, you'll study higher level libraries such as database connectors and GUI toolkits and learn how they uniquely apply object-oriented principles. You'll learn how these principles will allow you to make greater use of key members of the Python eco-system such as Django and Kivy. This new edition includes all the topics that made Python 3 Object-oriented Programming an instant Packt classic. It's also packed with updated content to reflect recent changes in the core Python library and covers modern third-party packages that were not available on the Python 3 platform when the book was first published. Style and approach Throughout the book you will learn key object-oriented programming techniques demonstrated by comprehensive case studies in the context of a larger project.

Open Source Software for Digital Forensics is the first book dedicated to the use of FLOSS (Free Libre Open Source Software) in computer forensics. It presents the motivations for using FLOSS applications as tools

for collection, preservation and analysis of digital evidence in computer and network forensics. It also covers extensively several forensic FLOSS tools, their origins and evolution. Open Source Software for Digital Forensics is based on the OSSCoNF workshop, which was held in Milan, Italy, September 2008 at the World Computing Congress, co-located with OSS 2008. This edited volume is a collection of contributions from researchers and practitioners world wide. Open Source Software for Digital Forensics is designed for advanced level students and researchers in computer science as a secondary text and reference book. Computer programmers, software developers, and digital forensics professionals will also find this book to be a valuable asset.

Fedora Linux

ODROID Magazine

Design Patterns

Mastering Bash

PC World

From Novice to Professional

A practical handbook to cybersecurity for both tech and non-tech professionals As reports of major data breaches fill the he has become impossible for any business, large or small, to ignore the importance of cybersecurity. Most books on the subjec are either too specialized for the non-technical professional or too general for positions in the IT trenches. Thanks to author Tanner's wide array of experience from teaching at a University to working for the Department of Defense, the Cybersecurity Team Toolkit strikes the perfect balance of substantive and accessible, making it equally useful to those in IT or management across a variety of industries. This handy guide takes a simple and strategic look at best practices and tools available to both cybersecurity management and hands-on professionals, whether they be new to the field or looking to expand their expertise gives comprehensive coverage to such crucial topics as security assessment and configuration, strategies for protection and offensive measures, and remediation while aligning the concept with the right tool using the CIS Controls version 7 as a guid will learn why and how to use fundamental open source and free tools such as ping, tracert, PuTTY, pathping, sysinternals, N OpenVAS, Nexpose Community, OSSEC, Hamachi, InSSIDer, Nexpose Community, Wireshark, Solarwinds Kiwi Syslog Server, Metasploit, Burp, Clonezilla and many more. Up-to-date and practical cybersecurity instruction, applicable to both managemer technical positions • Straightforward explanations of the theory behind cybersecurity best practices • Designed to be an easi navigated tool for daily use • Includes training appendix on Linux, how to build a virtual lab and glossary of key terms The Cybersecurity Blue Team Toolkit is an excellent resource for anyone working in digital policy as well as IT security professiona technical analysts, program managers, and Chief Information and Technology Officers. This is one handbook that won't gathe

on the shelf, but remain a valuable reference at any career level, from student to executive.

The standards process. Terms and concepts. Early codes. The duals of BCDIC. The size of BCDIC. The size and structure of PTT The structure of EBCDIC. The sequence of EBCDIC. The duals of EBCDIC. The graphic subsets of EBCDIC. The card code of EBCDIC. The new PTTC. The size and structure of ASCII. The sequence of ASCII. Which bit first?. Decimal ASCII. Which Hollerith?. Katakana and the Hollerith card code. What is a CPU code?. ASCII in 8-bit interchange environment. The alphabetic extender problem. Graphic subsets for the government. Which ASCII? Logical or, logical not. A comparison of contiguous, noncontiguous, and interleaved alphabets. Code extension examples. The 96-column card code. Glossary. Index.

Networking technologies have become an integral part of everyday life, which has led to a dramatic increase in the number of professions where it is important to understand network technologies. TCP/IP Protocol Suite teaches students and professio no prior knowledge of TCP/IP, everything they need to know about the subject. This comprehensive book uses hundreds of fig make technical concepts easy to grasp, as well as many examples, which help tie the material to the real-world. The second e TCP/IP Protocol Suite has been fully updated to include all of the recent technology changes in the field. Many new chapters added such as one on Mobile IP, Multimedia and Internet, Network Security, and IP over ATM. Additionally, out-of-date materi been overhauled to reflect recent changes in technology.

Discover how to leverage modern Unix even if you've never worked with Unix before. This book presents everything in concep terms that you can understand, rather than tips to be committed raw to memory. You will learn everyday tasks ranging from system administration—partitioning and mounting filesystems, software installation, network configuration, working from the command line) — to Bourne shell scripting, using graphical applications, as well as fanciful things such as emulation layers for and Linux and virtualization with VirtualBox. It's now 50 years since the creation of Unix but it is still growing. As Unix now m everyone's OS (open-source FreeBSD/Linux), it is the perfect time to start your journey with Beginning Modern Unix as your g What You'll Learn Live comfortably in a modern Unix environment, both on the command-line and in the graphical world. Choos right hardware for Unix Work with Unix in real world settings Develop Unix applications Review advanced techniques in Shell scripting Who This Book Is For Everyone who uses a computer – those who intend to migrate to Unix as well as those who a about migrating to Unix, perhaps fearing it is a pure command-line or 'difficult' world.

Python 3 Object-oriented Programming

History and Development

Probabilistic Robotics

Unix Shell Programming

Open Source Software for Digital Forensics

Linux

There's nothing that hard-core Unix and Linux users are more fanatical about than their text editor.

Editors are the subject of adoration and worship, or of scorn and ridicule, depending upon whether the topic of discussion is your editor or someone else's. vi has been the standard editor for close to 30 years. Popular on Unix and Linux, it has a growing following on Windows systems, too. Most experienced system administrators cite vi as their tool of choice. And since 1986, this book has been the guide for vi. However, Unix systems are not what they were 30 years ago, and neither is this book. While retaining all the valuable features of previous editions, the 7th edition of Learning the vi and vim Editors has been expanded to include detailed information on vim, the leading vi clone. vim is the default version of vi on most Linux systems and on Mac OS X, and is available for many other operating systems too. With this guide, you learn text editing basics and advanced tools for both editors, such as multi-window editing, how to write both interactive macros and scripts to extend the editor, and power tools for programmers -- all in the easy-to-follow style that has made this book a classic. Learning the vi and vim Editors includes: A complete introduction to text editing with vi: How to move around vi in a hurry Beyond the basics, such as using buffers vi's global search and replacement Advanced editing, including customizing vi and executing Unix commands How to make full use of vim: Extended text objects and more powerful regular expressions Multi-window editing and powerful vim scripts How to make full use of the GUI version of vim, called gvim vim's enhancements for programmers, such as syntax highlighting, folding and extended tags Coverage of three other popular vi clones -- nvi, elvis, and vile -- is also included. You'll find several valuable appendixes, including an alphabetical quick reference to both vi and ex mode commands for regular vi and for vim, plus an updated appendix on vi and the Internet. Learning either vi or vim is required knowledge if you use Linux or Unix, and in either case, reading this book is essential. After reading this book, the choice of editor will be obvious for you too. 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. Formerly known as Red Hat Linux, the Fedora Core distribution is an excellent, no-cost alternative to Windows, Solaris, and other expensive operating systems Red Hat currently controls an estimated seventy percent of the Linux market in the U.S. This book gives experienced and first-time Fedora users sixty concise, step-by-step, timesaving techniques to help them perform tasks with Fedora more efficiently

Organized by topic, the techniques are presented in the friendly, easy-to-understand For Dummies style, with a minimum of technical jargon The techniques run the gamut of end-user, system administration, and development tasks, ranging from desktop, file system, RPM, and database tips to Internet server, e-mail server, networking, system monitoring, security, and Linux kernel tricks Covers the latest release of Red Hat's Fedora Core distribution

Describes the concepts of programming with Linux, covering such topics as shell programming, file structure, managing memory, using MySQL, debugging, processes and signals, and GNOME.

Coded Character Sets

Programming and Applications with Xt

The PEBL Manual

PHP Beyond the Web

Beginning GIMP

Advanced Bash Scripting Guide 5.3 Volume 2

Printed manual for PEBL, the Psychological Experiment Building Language, Version 0.11. Lovelace provides an introduction to Ada 95, one of the most widely used programming languages in the world. Although the reader is assumed to have a basic understanding of programming, no prior exposure to Ada is assumed and all the basics of the language are covered. The book comprises eighteen chapters each of which is composed of short sections designed to cover a small number of key concept and to provide a test question to check the reader's understanding of the concepts covered. Each chapter then concludes with a small quiz to help ensure that the reader has grasped the principles covered in the chapter. One of Ada 95's new features, its object-oriented facilities, is covered in depth, and all of the essential features of Ada programming are covered thoroughly. In Ada 95 significant enhancements were also added to Ada's ability to interface with other programming languages (such as C, Fortran, and Cobol) and these are covered in one chapter. As a result both students and professional programmers learning Ada for the first time will welcome this new text.

This book will get you up to speed quickly on Fedora Linux, a securely-designed Linux distribution that includes a massive selection of free software packages. Fedora is hardened out-of-the-box, it's easy to install, and extensively customizable - and this book shows you how to make Fedora work for you.--[from publisher's description]

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.
The Official Ubuntu Book
Linux Timesaving Techniques For Dummies
Designing Fine-Grained Systems
Building Microservices
The X Window System
Beginning the Linux Command Line

Linux Forensics is the most comprehensive and up-to-date resource for those wishing to quickly and efficiently perform forensicson Linux systems. It is also a great asset for anyone that would like to better understand Linux internals. Linux Forensics will guide you step by step through the process of investigating a computer running Linux. Everything you need to know from the moment you receive the call from someone who thinks they have been attacked until the final report is written is covered in this book. All of the tools discussed in this book are free and most are also open source. Dr. Philip Polstra shows how to leverage numerous tools such as Python, shell scripting, and MySQL to quickly, easily, and accurately analyze Linux systems. While readers will have a strong grasp of Python and shell scripting by the time they complete this book, no priorknowledge of either of these scripting languages is assumed. Linux Forensics begins by showing you how to determine if there was an incident with minimally invasive techniques. Once it appears likely that an incident has occurred, Dr. Polstra shows you how to collect data from a live system before shutting it down for the creation of filesystem images. Linux Forensics contains extensive coverage of Linux ext2, ext3, and ext4 filesystems. A large collection of Python and shell scripts for creating, mounting, and analyzing filesystem images are presented in this book. Dr. Polstra introduces readers to the exciting new field of memory analysis using the Volatility framework. Discussions of advanced attacks and malware analysis round out the book. Book Highlights 370 pages in large, easy-to-

read 8.5 x 11 inch format Over 9000 lines of Python scripts with explanations Over 800 lines of shell scripts with explanations A 102 page chapter containing up-to-date information on the ext4 filesystem Two scenarios described in detail with images available from the book website All scripts and other support files are available from the book website Chapter Contents First Steps General Principles Phases of Investigation High-level Process Building a Toolkit Determining If There Was an Incident Opening a Case Talking to Users Documenation Mounting Known-good Binaries Minimizing Disturbance to the Subject Automation With Scripting Live Analysis Getting Metadata Using Spreadsheets Getting Command Histories Getting Logs Using Hashes Dumping RAM Creating Images Shutting Down the System Image Formats DD DCFLDD Write Blocking Imaging Virtual Machines Imaging Physical Drives Mounting Images Master Boot Record Based Partions GUID Partition Tables Mounting Partitions In Linux Automating With Python Analyzing Mounted Images Getting Timestamps Using LibreOffice Using MySQL Creating Timelines Extended Filesystems Basics Superblocks Features Using Python Finding Things That Are Out Of Place Inodes Journaling Memory Analysis Volatility Creating Profiles Linux Commands Dealing With More Advanced Attackers Malware Is It Malware? Malware Analysis Tools Static Analysis Dynamic Analysis Obfuscation The Road Ahead Learning More Communities Conferences Certifications

A model for the ideal state includes discussion of the nature and application of justice, the role of the philosopher in society, the goals of education, and the effects of art upon character.

This book is written in a Cookbook style and it offers learning through recipes with examples and illustrations. Each recipe contains step-by-step instructions about everything necessary to execute a particular task. The book is designed so that you can read it from start to end for beginners, or just open up any chapter and start following the recipes as a reference for advanced users.If you are a beginner or an intermediate user who wants to master the skill of quickly writing scripts to perform various tasks without reading the entire manual, this book is for you. You can start writing scripts and one-liners by simply looking at the similar recipe and its descriptions without any working knowledge of shell scripting or Linux. Intermediate/advanced users as well as system administrators/ developers and programmers can use this book as a reference when they face problems while coding.

Use your existing web-based PHP skills to write all types of software: CLI scripts, desktop software, network servers, and more. This book gives you the tools, techniques, and background necessary to write just about any type of software you can think of, using the PHP you know. PHP Beyond the Web shows you how to take your knowledge of PHP development for the web and utilise it with a much wider range of software systems. Enjoy the benefits of PHP after reading this book: save money by redeploying existing skills, not learning new ones; save time and increase productivity by using a high-level language; and make money by providing your clients a full-stack service (not just websites). PHP is no longer just a great scripting language for websites, it's now a powerful general-purpose programming language. Expand your use of PHP into your back-end systems, server software, data processing services, desktop interfaces, and more. What You'll Learn Write interactive shell scripts Work with system daemons Write desktop software Build network servers Interface with electronics using PHP and the Raspberry Pi Manage performance, deployment, licensing, and system interaction Discover the software tools for development and get other great sources of technical information and help Who This Book Is For Experienced PHP programmers or experienced programmers interested in leveraging PHP outside the web development context. /div

Vaderlandsche chronyk; of Jaarboek van Holland; Zeeland; en Friesland: van de vroegste tyden af tot op den dood van Hertog

Albrecht van Beijeren, etc. [Sometimes wrongly attributed to Daniel van Alphen.]
A practical guide to building a penetration testing program having homefield advantage
Linux Forensics

Solutions and Examples for Bash Users
Bash Cookbook
Software -- Software Engineering.
The following list describes what you can get from this book: Information that lets you get set up to develop using the Yocto Project. Information to help developers who are new to the open source environment and to the distributed revision control system Git, which the Yocto Project uses. An understanding of common end-to-end development models and tasks. Information about common development tasks generally used during image development for embedded devices. Information on using the Yocto Project integration of the QuickEMUlator (QEMU), which lets you simulate running on hardware an image you have built using the OpenEmbedded build system. Many references to other sources of related information.
Advance your understanding of the Linux command line with this invaluable resource Linux Command Line and Shell Scripting Bible, 4th Edition is the newest installment in the indispensable series known to Linux developers all over the world. Packed with concrete strategies and practical tips, the latest edition includes brand-new content covering: Understanding the Shell Writing Simple Script Utilities Producing Database, Web & Email Scripts Creating Fun Little Shell Scripts Written by accomplished Linux professionals Christine Bresnahan and Richard Blum, Linux Command Line and Shell Scripting Bible, 4th Edition teaches readers the fundamentals and advanced topics necessary for a comprehensive understanding of shell scripting in Linux. The book is filled with real-world examples and usable scripts, helping readers navigate the challenging Linux environment with ease and convenience. The book is perfect for anyone who uses Linux at home or in the office and will quickly find a place on every Linux enthusiast's bookshelf.
Annotation Over the past 10 years, distributed systems have become more fine-grained.

From the large multi-million line long monolithic applications, we are now seeing the benefits of smaller self-contained services. Rather than heavy-weight, hard to change Service Oriented Architectures, we are now seeing systems consisting of collaborating microservices. Easier to change, deploy, and if required retire, organizations which are in the right position to take advantage of them are yielding significant benefits. This book takes an holistic view of the things you need to be cognizant of in order to pull this off. It covers just enough understanding of technology, architecture, operations and organization to show you how to move towards finer-grained systems.

Advanced Bash Scripting Guide 5.3 Volume 1

FreeBSD Handbook

Beginning Modern Unix

Portable Shell Programming

Learn to Live Comfortably in a Modern Unix Environment

UNIX: The Complete Reference, Second Edition

This is Linux for those of us who don't mind typing. All Linux users and administrators tend to like the flexibility and speed of Linux administration from the command line in byte–sized chunks, instead of fairly standard graphical user interfaces. Beginning the Linux Command Line follows a task–oriented approach and is distribution-agnostic. Work with files and directories. Administer users and security. Understand how Linux is organized.

The Definitive UNIX Resource--Fully Updated Get cutting-edge coverage of the newest releases of UNIX--including Solaris 10, all Linux distributions, HP-UX, AIX, and FreeBSD--from this thoroughly revised, one-stop resource for users at all experience levels. Written by UNIX experts with many years of experience starting with Bell Laboratories, UNIX: The Complete Reference, Second Edition provides step-by-step instructions on how to use UNIX and take advantage of its powerful tools and utilities. Get up-and-running on UNIX quickly, use the command shell and desktop, and access the Internet and e-mail. You'll also learn to administer systems and networks, develop applications, and secure your UNIX environment. Up-to-date chapters on UNIX desktops, Samba, Python, Java Apache, and UNIX Web development are included. Install, configure, and maintain UNIX on your PC or workstation Work with files, directories, commands, and the UNIX shell Create and modify text files using powerful text editors Use UNIX desktops, including GNOME, CDE, and KDE, as an end user or system administrator Use and manage e-mail, TCP/IP networking, and Internet services Protect and maintain the security of your UNIX system and network Share devices, printers, and files between Windows and UNIX systems Use powerful UNIX tools, including awk, sed, and grep Develop your own shell, Python, and Perl scripts, and Java, C, and C++ programs under UNIX Set up Apache Web servers and develop browser-independent Web sites and applications

Here's a comprehensive exploration of how to implement the X Window System to create user interfaces, along with suggestions for using the facilities provided by X, the Xt Intrinsics, and the OPEN LOOK widget set. Demonstrating typical ways to combine features of Xlib, Xt, and OPEN LOOK to form working applications, the guide walks readers through applying the X resource manager, handling events, the X color model, creating graphics contexts, drawing with points, lines, polygons, and arcs, and more. Assuming knowledge of C and a familiarity with UNIX and the X Window System, this book is intended for Programmers, Software Engineers, and Product Managers working with X and OPEN LOOK.

Your one stop guide to making the most out of Bash programming About This Book From roots to leaves, learn how to program in Bash and automate daily tasks, pouring some spice in your scripts Daemonize a script and make a real service of it, ensuring it's available at any time to process user-fed data or commands This book provides functional examples that show you practical applications of commands Who This Book Is For If you're a power user or system administrator involved in writing Bash scripts to automate tasks, then this book is for you. This book is also ideal for advanced users who are engaged in complex daily tasks. What You Will Learn Understand Bash right from the basics and progress to an advanced level Customise your environment and automate system routine tasks Write structured scripts and create a command-line interface for your scripts Understand arrays, menus, and functions Securely execute remote commands using ssh Write Nagios plugins to automate your infrastructure checks Interact with web services, and a Slack notification script Find out how to execute subshells and take advantage of parallelism Explore inter-process communication and write your own daemon In Detail System administration is an everyday effort that involves a lot of tedious tasks, and devious pits. Knowing your environment is the key to unleashing the most powerful solution that will make your life easy as an administrator, and show you the path to new heights. Bash is your Swiss army knife to set up your working or home environment as you want, when you want. This book will enable you to customize your system step by step, making your own real, virtual, home out of it. The journey will take you swiftly through the basis of the shell programming in Bash to more interesting and challenging tasks. You will be introduced to one of the most famous open source monitoring systems—Nagios, and write complex programs with it in any languages. You'll see how to perform checks on your sites and applications. Moving on, you'll discover how to write your own daemons so you can create your services and take advantage of inter-process communication to let your scripts talk to each other. So, despite these being everyday tasks, you'll have a lot of fun on the way. By the end of the book, you will have gained advanced knowledge of Bash that will help you automate routine tasks and manage your systems. Style and approach This book presents step-by-step instructions and expert advice on working with Bash and writing scripts. Starting from the basics, this book serves as a reference manual where you can find handy solutions and advice to make your scripts flexible and powerful.

Learning the Vi and Vim Editors
Beginning Linux?Programming
The Linux Cookbook, 2nd Edition
A Complete Guide to Red Hat's Community Distribution
Yocto Project Development Manual

Linux Shell Scripting Cookbook

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Linux Timesaving Techniques For DummiesJohn Wiley & Sons

The FreeBSD Handbook is a comprehensive FreeBSD tutorial and reference. It covers installation, day-to-day use of FreeBSD, and mach more, such as the Ports collection, creating a custom kernel, security topics, the X Window System, how to use FreeBSD's Linux binary compatibility, and how to upgrade your system from source using the 'make world' command, to name a few.

One element that the Korn shell does not contain is portability. Bruce Blinn focuses on shells that are portable, known as Bourne Shells. This practical book treats the shell like a programming language. Lists over 250 major shell examples.

The Textbook, Second Edition
The Lovelace Tutorial
Cybersecurity Attacks – Red Team Strategies
Elements of Reusable Object-Oriented Software
September 2016
Advanced Bash Scripting Guide