

Ubuntu Linux Bible Featuring Ubuntu 10 04 Lts 3rd Edition

UBUNTU LINUX BIBLE: FEATURING UBUNTU 10.04 LTS, 3RD ED (With CD)Linux?BibleAdvanced Bash Scripting GuideUbuntu Linux BibleSony CLie For DummiesThe Art of CommunityFedora Bible 2011 EditionAfter the Software WarsUbuntu Linux BibleMostly Codeless Game DevelopmentSteal This Computer Book 4.0Beginning Ubuntu LinuxBeginning Ubuntu LinuxUbuntu 8.10 Linux BibleLinux Network Administrator's GuideUbuntu Linux BibleFedora Bible 2010 EditionThe Linux Command LineLinux Mint 19Assessing Schools for Generation R (Responsibility)Deep Learning with PyTorchCoding FreedomCompTIA Linux+ Powered by Linux Professional Institute Study GuideUbuntu Linux BiblePolyBase RevealedUbuntu Unleashed 2015 EditionThe Definitive Guide to GCCLinux Bible 2010 EditionLinux BibleOfficial Ubuntu BookDebian Gnu/linux Bible (w/2cdfs)Dissecting the HackThe Linux Command LineUbuntu Unleashed 2019 EditionUbuntu Linux ToolboxMastering PythonLinux?BibleProfessional Visual Basic 2010 and .NET 4Ubuntu Linux BibleUbuntu Unleashed

UBUNTU LINUX BIBLE: FEATURING UBUNTU 10.04 LTS, 3RD ED (With CD)

Linux?Bible

Get a head start in your game development career with this all-genre guide for absolute beginners. Whether you're into action games, role-playing games, or interactive fiction, we've got you covered. Mostly Codeless Game Development empowers new developers with little or no previous programming experience and explores all major areas of game development in a succinct, entertaining fashion. Have you dreamed of making your own video game? Do you find the prospect daunting? Fear not. A new generation of game engines has emerged. Lengthy and complicated feats of programming are largely a thing of the past in video game development. To create commercially viable games you simply need the right tools, many of which are discussed in this book. A gigantic software team isn't a must-have prerequisite for success. The one-person operation is back. What You Will Learn Master the concepts and jargon used in game creation for the beginner Find the best game development suite for your project Make the most out of related graphics and audio production software Discover video game marketing essentials Who This Book Is For People with no programming experience who desire a career in the video game industry as producers or independent, single-person developers./div

Advanced Bash Scripting Guide

Master the art of writing beautiful and powerful Python by using all of the features that Python 3.5 offers About This Book Become familiar with the most important and advanced parts of the Python code style Learn the trickier aspects of Python and put it in a structured context for deeper understanding of the language Offers

an expert's-eye overview of how these advanced tasks fit together in Python as a whole along with practical examples Who This Book Is For Almost anyone can learn to write working script and create high quality code but they might lack a structured understanding of what it means to be 'Pythonic'. If you are a Python programmer who wants to code efficiently by getting the syntax and usage of a few intricate Python techniques exactly right, this book is for you. What You Will Learn Create a virtualenv and start a new project Understand how and when to use the functional programming paradigm Get familiar with the different ways the decorators can be written in Understand the power of generators and coroutines without digressing into lambda calculus Create metaclasses and how it makes working with Python far easier Generate HTML documentation out of documents and code using Sphinx Learn how to track and optimize application performance, both memory and cpu Use the multiprocessing library, not just locally but also across multiple machines Get a basic understanding of packaging and creating your own libraries/applications In Detail Python is a dynamic programming language. It is known for its high readability and hence it is often the first language learned by new programmers. Python being multi-paradigm, it can be used to achieve the same thing in different ways and it is compatible across different platforms. Even if you find writing Python code easy, writing code that is efficient, easy to maintain, and reuse is not so straightforward. This book is an authoritative guide that will help you learn new advanced methods in a clear and contextualised way. It starts off by creating a project-specific environment using venv, introducing you to different Pythonic syntax and common pitfalls before moving on to cover the functional features in Python. It covers how to create different decorators, generators, and metaclasses. It also introduces you to functools.wraps and coroutines and how they work. Later on you will learn to use asyncio module for asynchronous clients and servers. You will also get familiar with different testing systems such as py.test, doctest, and unittest, and debugging tools such as Python debugger and faulthandler. You will learn to optimize application performance so that it works efficiently across multiple machines and Python versions. Finally, it will teach you how to access C functions with a simple Python call. By the end of the book, you will be able to write more advanced scripts and take on bigger challenges. Style and Approach This book is a comprehensive guide that covers advanced features of the Python language, and communicate them with an authoritative understanding of the underlying rationale for how, when, and why to use them.

Ubuntu Linux Bible

Sony CLie For Dummies

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and

the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

The Art of Community

Computers are an advancement whose importance is comparable to the invention of the wheel or movable type. While computers and the Internet have already changed many aspects of our lives, we still live in the dark ages of computing because proprietary software is still the dominant model. One might say that the richest alchemist who ever lived is my former boss, Bill Gates. (Oracle founder Larry Ellison, and Google co-founders Sergey Brin and Larry Page are close behind.) Human knowledge increasingly exists in digital form, so building new and better models requires the software to be improved. People can only share ideas when they also share the software to display and modify them. It is the expanded use of free software that will allow a greater ability for people to work together and increase the pace of progress. This book will demonstrate that a system where anyone can edit, share, and review the body of work will lead not just to something that works, but eventually to the best that the world can achieve! With better cooperation among our scientists, robot-driven cars is just one of the many inventions that will arrive -- pervasive robotics, artificial intelligence, and much faster progress in biology, all of which rely heavily on software. - Publisher.

Fedora Bible 2011 Edition

Explains the features of Fedora 12, offering instructions on its installation, desktop interface, network and server set-up, and key system administration skills.

After the Software Wars

The best resource on the very latest for Ubuntu users! Ubuntu is a free, open-source, Linux-based operating system that can run on desktops, laptops, netbooks, and servers. If you've joined the millions of users around the world who prefer open-source OS-and Ubuntu in particular-this book is perfect for you. It brings you the very latest on Ubuntu 10.04, with pages of step-by-step instruction, helpful tips, and expert techniques. Coverage Includes: The Ubuntu Linux Project Installing Ubuntu Installing Ubuntu on Special-Purpose Systems Basic Linux System Concepts Using the GNOME Desktop Using the Compiz Window Manager Managing E-Mail and Personal Information with Evolution Surfing the Web with Firefox Migrating from Windows Systems Sending and Receiving Instant Messages Using Command-Line Tools Working with Text Files Creating and Publishing Documents Other Office

Software: Spreadsheets and Presentations Working with Graphics Working with Multimedia Consumer Electronics and Ubuntu Adding, Removing, and Updating Software Adding Hardware and Attaching Peripherals Network Configuration and Security Going Wireless Software Development on Ubuntu Using Virtual Machines and Emulators Connecting to Other Systems File Transfer and Sharing Managing Users, Groups, and Authentication Backing Up and Restoring Files Setting Up a Web Server Setting Up a Mail Server Setting Up a DHCP Server Setting Up a DNS Server Setting Up a Print Server Setting Up an NFS Server Up a Samba Server Updating your Ubuntu? Ubuntu Linux Bible, Third Edition, is the book you need to succeed!

Ubuntu Linux Bible

This completely revamped edition covers the familiar Linux flavors as well as some exciting new distributions-Ubuntu, Mepis, Arch Linux, and four others Ideal for users planning the transition to Linux who want to sample different distributions to see which one best meets their needs Includes new sections on practical uses for Linux, cool multimedia apps, instant messaging, BitTorrent, and improved security techniques Valuable information for system administrators who need to set up secure, fully functioning Linux servers Bonus DVD is the only one on the market to include ten Linux distributions readers can try

Mostly Codeless Game Development

This completely revamped edition covers the familiar Linux flavors as well as some exciting new distributions-Ubuntu, Mepis, Arch Linux, and four others Ideal for users planning the transition to Linux who want to sample different distributions to see which one best meets their needs Includes new sections on practical uses for Linux, cool multimedia apps, instant messaging, BitTorrent, and improved security techniques Valuable information for system administrators who need to set up secure, fully functioning Linux servers Bonus DVD is the only one on the market to include ten Linux distributions readers can try

Steal This Computer Book 4.0

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

Beginning Ubuntu Linux

Covers 18.04, 18.10, 19.04, and 19.10 Ubuntu Unleashed 2019 Edition is filled with unique and advanced information for everyone who wants to make the most of the Ubuntu Linux operating system. This new edition has been thoroughly updated, including two new chapters, by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 18.04 LTS release, with forthcoming online updates for 18.10, 19.04, and 19.10 when they are released. Linux writer Matthew Helmke covers all you need to know about Ubuntu 18.04 LTS installation, configuration, productivity, multimedia, development, system administration, server operations, networking, virtualization, security, DevOps, and more—including intermediate-to-advanced techniques you won't find in any other book. Helmke presents up-to-the-minute introductions to Ubuntu's key productivity and web development tools, programming languages, hardware support, and more. You'll find new or improved coverage of the Ubuntu desktop experience, common web servers and software stacks, containers like Docker and Kubernetes, as well as a wealth of systems administration information that is stable and valuable over many years. Configure and use the Ubuntu desktop Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and run Ubuntu from the command line Automate tasks and use shell scripting Provide secure remote access and configure a secure VPN Manage kernels and modules Administer file, print, email, proxy, LDAP, DNS, and HTTP servers (Apache, Nginx, or alternatives) Learn about new options for managing large numbers of servers Work with databases (both SQL and the newest NoSQL alternatives) Get started with virtualization and cloud deployment, including information about containers Learn the basics about popular programming languages including Python, PHP, Perl, and gain an introduction to new alternatives such as Go and Rust

Beginning Ubuntu Linux

Besides covering the most recently released versions of GCC, this book provides a complete command reference, explains how to use the info online help system, and covers material not covered in other texts, including profiling, test coverage, and how to build and install GCC on a variety of operating system and hardware platforms. It also covers how to integrate with other GNU development tools, including automake, autoconf, and libtool.

Ubuntu 8.10 Linux Bible

Harness the power of PolyBase data virtualization software to make data from a variety of sources easily accessible through SQL queries while using the T-SQL skills you already know and have mastered. PolyBase Revealed shows you how to use the PolyBase feature of SQL Server 2019 to integrate SQL Server with Azure Blob Storage, Apache Hadoop, other SQL Server instances, Oracle, Cosmos DB, Apache Spark, and more. You will learn how PolyBase can help you reduce storage and other costs by avoiding the need for ETL processes that duplicate data in order to make it accessible from one source. PolyBase makes SQL Server into that one source, and T-SQL is your golden ticket. The book also covers PolyBase scale-out clusters, allowing you to distribute PolyBase queries among several SQL Server instances, thus improving performance. With great flexibility comes great complexity, and this book shows you where to look when queries fail, complete

with coverage of internals, troubleshooting techniques, and where to find more information on obscure cross-platform errors. Data virtualization is a key target for Microsoft with SQL Server 2019. This book will help you keep your skills current, remain relevant, and build new business and career opportunities around Microsoft's product direction. What You Will Learn Install and configure PolyBase as a stand-alone service, or unlock its capabilities with a scale-out cluster Understand how PolyBase interacts with outside data sources while presenting their data as regular SQL Server tables Write queries combining data from SQL Server, Apache Hadoop, Oracle, Cosmos DB, Apache Spark, and more Troubleshoot PolyBase queries using SQL Server Dynamic Management Views Tune PolyBase queries using statistics and execution plans Solve common business problems, including "cold storage" of infrequently accessed data and simplifying ETL jobs Who This Book Is For SQL Server developers working in multi-platform environments who want one easy way of communicating with, and collecting data from, all of these sources

Linux Network Administrator's Guide

Market_Desc: Primary audience: Home, business, and academic users of Ubuntu Linux systems any Ubuntu user who wants to know how to use installed applications or completely configure their system. Secondary audience: System administrator's of Ubuntu Linux systems Special Features: " Growing Market: Ubuntu is the fastest growing open source desktop -- with millions of users around the world using it at home and work." Back to Basics: A pure fundamentals book in the form factor of the first edition, an edition with more than 13,000 copies sold." The third edition was timed with the release of the latest Ubuntu distribution (10.4) and includes coverage for both 9.10 and 10.04. This has a significant impact on the longevity of the title. About The Book: Ubuntu Linux Bible (versions 9.10 and 10.04) 3e addresses the information needed for the complete spectrum of Ubuntu users, from desktop users to server administrators, including those new to Linux who may be setting up Linux servers for the first time. The book provides complete information presented in such a way that new users have all of the information that they need, while experienced Linux users can skip directly to the details that they require. Covering the recently released 10.04, as well as the previous version, 9.10, the book covers Getting Started with Ubuntu, Ubuntu for Desktop Users, and Ubuntu for System Administrators

Ubuntu Linux Bible

This book covers the Linux Mint 19 release (Tara), focusing on desktops and administrative tools. The emphasis here is on what users will face when using Mint, covering topics like installation, applications, software management, the Mint desktops (Cinnamon, Mate, and Xfce), shell commands, network connections, and system administration tasks. Linux Mint 19 is based on the Ubuntu 18.04 LTR (Long Term Release). The Cinnamon and Mate desktops are examined in detail. Cinnamon and Mate have custom Mint menus to manage access to applications and devices. Advanced components are also examined such as the LightDM Display Manager, PulseAudio sound configuration, and Mint software management applications (Software Manager and Update Manager). The Linux Mint X-Apps are also reviewed, including Xplayer, Xed, and Xviewer. Administration topics include

system tools, managing users, file systems, Bluetooth setup, printer configuration, and network folder and file sharing. In addition, configuration of wired and wireless connections, firewalls (the Gufw and FirewallD), and service management using systemd are covered. Shared resources are also examined, including the CUPS printing server, the NFS Linux network file server, and Samba Windows file and printing server.

Fedora Bible 2010 Edition

This sixth edition of Beginning Ubuntu Linux introduces all of us—newbies, power users and system administrators—to the Natty Narwhal Ubuntu release. Based on the bestselling fifth edition, this edition introduces the new Unity interface while not neglecting the finely-tuned administration techniques for new users present in previous editions. Whether you aim to use it in the home or in the office, you'll be introduced to the complete world of Ubuntu Linux, from simple word processing to using cloud services. You'll learn how to control the Ubuntu system which you just installed as you are guided through common tasks, such as configuring the system's graphical user interface, listening to audio CDs and MP3s, producing documents, using VoIP and chat, and of course, general system maintenance. Emilio also introduces the improved software center and Ubuntu's multitouch capabilities. This book supplies a series of comprehensive tutorials on Ubuntu administration and security—essential for any Ubuntu user—while not neglecting matters pertaining to office applications and the Cloud.

The Linux Command Line

Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands, providing a comfortable Python experience that gets you started quickly and then grows with you as you—and your deep learning skills—become more sophisticated. Deep Learning with PyTorch will make that journey engaging and fun. Summary Every other day we hear about new ways to put deep learning to good use: improved medical imaging, accurate credit card fraud detection, long range weather forecasting, and more. PyTorch puts these superpowers in your hands, providing a comfortable Python experience that gets you started quickly and then grows with you as you—and your deep learning skills—become more sophisticated. Deep Learning with PyTorch will make that journey engaging and fun. Foreword by Soumith Chintala, Cocreator of PyTorch. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Although many deep learning tools use Python, the PyTorch library is truly Pythonic. Instantly familiar to anyone who knows PyData tools like NumPy and scikit-learn, PyTorch simplifies deep learning without sacrificing advanced features. It's excellent for building quick models, and it scales smoothly from laptop to enterprise. Because companies like Apple, Facebook, and JPMorgan Chase rely on PyTorch, it's a great skill to have as you expand your career options. It's easy to get started with PyTorch. It minimizes cognitive overhead without sacrificing the access to advanced features, meaning you can focus on what matters the most - building and training the latest and greatest deep learning models and contribute to making a dent in the world. PyTorch is also a snap to scale and extend, and it

partners well with other Python tooling. PyTorch has been adopted by hundreds of deep learning practitioners and several first-class players like FAIR, OpenAI, FastAI and Purdue. About the book Deep Learning with PyTorch teaches you to create neural networks and deep learning systems with PyTorch. This practical book quickly gets you to work building a real-world example from scratch: a tumor image classifier. Along the way, it covers best practices for the entire DL pipeline, including the PyTorch Tensor API, loading data in Python, monitoring training, and visualizing results. After covering the basics, the book will take you on a journey through larger projects. The centerpiece of the book is a neural network designed for cancer detection. You'll discover ways for training networks with limited inputs and start processing data to get some results. You'll sift through the unreliable initial results and focus on how to diagnose and fix the problems in your neural network. Finally, you'll look at ways to improve your results by training with augmented data, make improvements to the model architecture, and perform other fine tuning. What's inside Training deep neural networks Implementing modules and loss functions Utilizing pretrained models from PyTorch Hub Exploring code samples in Jupyter Notebooks About the reader For Python programmers with an interest in machine learning. About the author Eli Stevens had roles from software engineer to CTO, and is currently working on machine learning in the self-driving-car industry. Luca Antiga is cofounder of an AI engineering company and an AI tech startup, as well as a former PyTorch contributor. Thomas Viehmann is a PyTorch core developer and machine learning trainer and consultant. consultant based in Munich, Germany and a PyTorch core developer. Table of Contents PART 1 - CORE PYTORCH 1 Introducing deep learning and the PyTorch Library 2 Pretrained networks 3 It starts with a tensor 4 Real-world data representation using tensors 5 The mechanics of learning 6 Using a neural network to fit the data 7 Telling birds from airplanes: Learning from images 8 Using convolutions to generalize PART 2 - LEARNING FROM IMAGES IN THE REAL WORLD: EARLY DETECTION OF LUNG CANCER 9 Using PyTorch to fight cancer 10 Combining data sources into a unified dataset 11 Training a classification model to detect suspected tumors 12 Improving training with metrics and augmentation 13 Using segmentation to find suspected nodules 14 End-to-end nodule analysis, and where to go next PART 3 - DEPLOYMENT 15 Deploying to production

Linux Mint 19

Online communities offer a wide range of opportunities today, whether you're supporting a cause, marketing a product or service, or developing open source software. The Art of Community will help you develop the broad range of talents you need to recruit members to your community, motivate and manage them, and help them become active participants. Author Jono Bacon offers a collection of experiences and observations from his decade-long involvement in building and managing communities, including his current position as manager for Ubuntu, arguably the largest community in open source software. You'll discover how a vibrant community can provide you with a reliable support network, a valuable source of new ideas, and a powerful marketing force. The Art of Community will help you: Develop a strategy, with specific objectives and goals, for building your community Build simple, non-bureaucratic processes to help your community perform tasks, work together, and share successes Provide tools and infrastructure that let contributors work quickly Create buzz around your community to get more

people involved Track the community's work so it can be optimized and simplified Explore a capable, representative governance strategy for your community Identify and manage conflict, including dealing with divisive personalities

Assessing Schools for Generation R (Responsibility)

Deep Learning with PyTorch

Get all the essentials of the major changes in Fedora 14 Veteran authors Christopher Negus and Eric Foster-Johnson provide you with a thorough look at the skills needed to master the latest version of Fedora and Red Hat Linux. Their step-by-step instructions walk you through a painless and simple installation of Linux; then you'll explore the major changes to the release of Fedora 14 while also revisiting the previous version so you can see what features have been updated and revised. Focuses on the essentials of the updated and new elements of Fedora Linux 14 Addresses using packagekit, running Windows apps, scanning images, and installing over the Internet Touches on how to work in a Linux office with MSFT office compatible office apps Covers new material on zarafa, xenner, deja dup, and more Features a DVD that includes the latest distribution of Fedora Linux as well as a bootable Fedora LiveCD Fedora 14 includes many important updates and additions -- this book gets you up to date on the most essential changes.

Coding Freedom

CompTIA Linux+ Powered by Linux Professional Institute Study Guide

The best resource on the very latest for Ubuntu users! Ubuntu is a free, open-source, Linux-based operating system that can run on desktops, laptops, netbooks, and servers. If you've joined the millions of users around the world who prefer open-source OS-and Ubuntu in particular-this book is perfect for you. It brings you the very latest on Ubuntu 10.04, with pages of step-by-step instruction, helpful tips, and expert techniques. Coverage Includes: The Ubuntu Linux Project Installing Ubuntu Installing Ubuntu on Special-Purpose Systems Basic Linux System Concepts Using the GNOME Desktop Using the Compiz Window Manager Managing E-Mail and Personal Information with Evolution Surfing the Web with Firefox Migrating from Windows Systems Sending and Receiving Instant Messages Using Command-Line Tools Working with Text Files Creating and Publishing Documents Other Office Software: Spreadsheets and Presentations Working with Graphics Working with Multimedia Consumer Electronics and Ubuntu Adding, Removing, and Updating Software Adding Hardware and Attaching Peripherals Network Configuration and Security Going Wireless Software Development on Ubuntu Using Virtual Machines and Emulators Connecting to Other Systems File Transfer and Sharing Managing Users, Groups, and Authentication Backing Up and Restoring Files Setting Up a Web Server Setting Up a Mail Server Setting Up a DHCP Server Setting Up a DNS Server Setting Up a Print Server Setting Up an NFS Server Up a Samba Server Updating your Ubuntu? Ubuntu Linux Bible, Third Edition, is the book you need to

succeed!

Ubuntu Linux Bible

"DVD includes the full Ubuntu 13.10 distribution for Intel x86 computers as well as the complete LibreOffice office suite and hundreds of additional programs and utilities"--Page 4 of cover.

PolyBase Revealed

Bring yourself up to date on everything you need to know about Ubuntu Linux The Ubuntu Linux Bible covers all of the latest developments in version 8.10 and 8.04, including tips for newcomers as well as expert guidance for seasoned system administrators. Learn about topics like the Gnome Desktop, the Bash shell, virtual machines, wireless networking, file sharing, and more. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Ubuntu Unleashed 2015 Edition

Ubuntu Unleashed 2015 Edition is filled with unique and advanced information for everyone who wants to make the most of the Ubuntu Linux operating system, including the latest in Ubuntu mobile development. This new edition has been thoroughly updated by a long-time Ubuntu community leader to reflect the exciting new Ubuntu 14.10 and the forthcoming Ubuntu 15.04. Former Ubuntu Forum administrator Matthew Helmke covers all you need to know about Ubuntu 14.10/15.04 installation, configuration, productivity, multimedia, development, system administration, server operations, networking, virtualization, security, DevOps, and more—including intermediate-to-advanced techniques you won't find in any other book. Helmke presents up-to-the-minute introductions to Ubuntu's key productivity and Web development tools, programming languages, hardware support, and more. You'll find new or improved coverage of navigation via Unity Dash, wireless networking, VPNs, software repositories, new NoSQL database options, virtualization and cloud services, new programming languages and development tools, monitoring, troubleshooting, and more. Configure and customize the Unity desktop and make the most of the Dash Get started with multimedia and productivity applications, including LibreOffice Manage Linux services, users, and software packages Administer and run Ubuntu from the command line (with added coverage of stdin, stdout, stderr, redirection, and file comparison Automate tasks and use shell scripting Provide secure remote access and configure a secure VPN Manage kernels and modules Administer file, print, email, proxy, LDAP, and HTTP servers (Apache or alternatives) Learn about new options for managing large numbers of servers Work with databases (both SQL and the newest NoSQL alternatives) Get started with virtualization Build a private cloud with Juju and Charms Learn the basics about popular programming languages including Python, PHP, Perl, and new alternatives such as Go and Rust

The Definitive Guide to GCC

Who are computer hackers? What is free software? And what does the emergence

of a community dedicated to the production of free and open source software--and to hacking as a technical, aesthetic, and moral project--reveal about the values of contemporary liberalism? Exploring the rise and political significance of the free and open source software (F/OSS) movement in the United States and Europe, Coding Freedom details the ethics behind hackers' devotion to F/OSS, the social codes that guide its production, and the political struggles through which hackers question the scope and direction of copyright and patent law. In telling the story of the F/OSS movement, the book unfolds a broader narrative involving computing, the politics of access, and intellectual property. E. Gabriella Coleman tracks the ways in which hackers collaborate and examines passionate manifestos, hacker humor, free software project governance, and festive hacker conferences. Looking at the ways that hackers sustain their productive freedom, Coleman shows that these activists, driven by a commitment to their work, reformulate key ideals including free speech, transparency, and meritocracy, and refuse restrictive intellectual protections. Coleman demonstrates how hacking, so often marginalized or misunderstood, sheds light on the continuing relevance of liberalism in online collaboration.

Linux Bible 2010 Edition

Today's youth will face global environmental changes, as well as complex personal and social challenges. To address these issues this collection of essays provides vital insights on how science education can be designed to better engage students and help them solve important problems in the world around them. Assessing Schools for Generation R (Responsibility) includes theories, research, and practices for envisioning how science and environmental education can promote personal, social, and civic responsibility. It brings together inspiring stories, creative practices, and theoretical work to make the case that science education can be reformed so that students learn to meaningfully apply the concepts they learn in science classes across America and grow into civically engaged citizens. The book calls for a curriculum that equips students with the knowledge, skills, attitudes and values to confront the complex and often ill-defined socioscientific issues of daily life. The authors are all experienced educators and top experts in the fields of science and environmental education, ecology, experiential education, educational philosophy, policy and history. They examine what has to happen in the domains of teacher preparation and public education to effect a transition of the youth of America. This exciting, informative, sophisticated and sometimes provocative book will stimulate much debate about the future direction of science education in America, and the rest of the world. It is ideal reading for all school superintendents, deans, faculty, and policymakers looking for a way to implement a curriculum that helps builds students into responsible and engaged citizens.

Linux Bible

Official Ubuntu Book

CompTIA Authorized Linux+ prep CompTIA Linux+ Study Guide is your comprehensive study guide for the Linux+ Powered by LPI certification exams.

With complete coverage of 100% of the objectives on both exam LX0-103 and exam LX0-104, this study guide provides clear, concise information on all aspects of Linux administration, with a focus on the latest version of the exam. You'll gain the insight of examples drawn from real-world scenarios, with detailed guidance and authoritative coverage of key topics, including GNU and Unix commands, system operation, system administration, system services, security, and more, from a practical perspective that easily translates into on-the-job know-how. You'll also get access to helpful study tools, including bonus practice exams, electronic flashcards, and a searchable glossary of key terms that are important to know for exam day. Linux is viewed by many companies and organizations as an excellent, low-cost, secure alternative to expensive operating systems such as Microsoft Windows. The CompTIA Linux+ Powered by LPI exams test a candidate's understanding and familiarity with the Linux Kernel. Review the basic system architecture, installation, and management Understand commands, devices, and file systems Utilize shells, scripting, and data management techniques Navigate user interfaces, desktops, and essential system services As the Linux server market share continue to grow, so too does the demand for qualified and certified Linux administrators. Certification holders must recertify every five years, but LPI recommends recertifying every two years to stay fully up to date with new technologies and best practices. CompTIA Linux+ Study Guide gives you the advantage of exam day confidence.

Debian Gnu/linux Bible (w/2cds)

Intermediate and advanced coverage of Visual Basic 2010 and .NET 4 for professional developers If you've already covered the basics and want to dive deep into VB and .NET topics that professional programmers use most, this is your book. You'll find a quick review of introductory topics-always helpful-before the author team of experts moves you quickly into such topics as data access with ADO.NET, Language Integrated Query (LINQ), security, ASP.NET web programming with Visual Basic, Windows workflow, threading, and more. You'll explore all the new features of Visual Basic 2010 as well as all the essential functions that you need, including .NET features such as LINQ to SQL, LINQ to XML, WCF, and more. Plus, you'll examine exception handling and debugging, Visual Studio features, and ASP.NET web programming. Expert author team helps you master the tools and techniques you need most for professional programming Reviews why Visual Basic 2010 will be synonymous with writing code in Visual Studio 2010 Focuses on .NET features such as LINQ, LINQ to SQL, LINQ to XML, WPF, workflow, and more Discusses exception handling and debugging, data access with ADO.NET, Visual Studio features for Visual Basic developers, Windows programming with Windows Forms, ASP.NET web programming with VB, communication interfaces, Windows workflow, and threading This Wrox guide presents you with updated coverage on topics you need to know now.

Dissecting the Hack

Shows users how to make the most of Sony's popular Palm OS PDA,the CLIE Sony holds the second largest share of the U.S. PDA market-12.1percent Guides new and intermediate users through the all the latestCLIE features and functions, from using Graffiti and working withMicrosoft Office and PDF files to scheduling

appointments, checking e-mail, and beaming data. Covers cool multimedia features such as taking digital photos, producing slide shows, recording and watching movies, transferring music, and creating reminders using the built-in voice recorder. Written in a friendly, accessible style by PDA guru Denny Atkin, Editorial Director of Handheld Computing magazine.

The Linux Command Line

The best resource on the very latest for Ubuntu users! Ubuntu is a free, open-source, Linux-based operating system that can run on desktops, laptops, netbooks, and servers. If you've joined the millions of users around the world who prefer open-source OS and Ubuntu in particular, this book is perfect for you. It brings you the very latest on Ubuntu 10.04, with pages of step-by-step instruction, helpful tips, and expert techniques. Coverage includes: The Ubuntu Linux Project Installing Ubuntu Installing Ubuntu on Special-Purpose Systems Basic Linux System Concepts Using the GNOME Desktop Using the Compiz Window Manager Managing E-Mail and Personal Information with Evolution Surfing the Web with Firefox Migrating from Windows Systems Sending and Receiving Instant Messages Using Command-Line Tools Working with Text Files Creating and Publishing Documents Other Office Software: Spreadsheets and Presentations Working with Graphics Working with Multimedia Consumer Electronics and Ubuntu Adding, Removing, and Updating Software Adding Hardware and Attaching Peripherals Network Configuration and Security Going Wireless Software Development on Ubuntu Using Virtual Machines and Emulators Connecting to Other Systems File Transfer and Sharing Managing Users, Groups, and Authentication Backing Up and Restoring Files Setting Up a Web Server Setting Up a Mail Server Setting Up a DHCP Server Setting Up a DNS Server Setting Up a Print Server Setting Up an NFS Server Up a Samba Server Updating your Ubuntu? Ubuntu Linux Bible, Third Edition, is the book you need to succeed!

Ubuntu Unleashed 2019 Edition

If you thought hacking was just about mischief-makers hunched over computers in the basement, think again. As seasoned author Wallace Wang explains, hacking can also mean questioning the status quo, looking for your own truths and never accepting at face value anything authorities say or do. The completely revised fourth edition of this offbeat, non-technical book examines what hackers do, how they do it, and how you can protect yourself. Written in the same informative, irreverent, and entertaining style that made the first three editions hugely successful, *Steal This Computer Book 4.0* will expand your mind and raise your eyebrows. New chapters discuss the hacker mentality, social engineering and lock picking, exploiting P2P file-sharing networks, and how people manipulate search engines and pop-up ads to obtain and use personal information. Wang also takes issue with the media for "hacking" the news and presenting the public with self-serving stories of questionable accuracy. Inside, you'll discover: -How to manage and fight spam and spyware -How Trojan horse programs and rootkits work and how to defend against them -How hackers steal software and defeat copy-protection mechanisms -How to tell if your machine is being attacked and what you can do to protect it -Where the hackers are, how they probe a target and sneak into a computer, and what they do once they get inside -How corporations

use hacker techniques to infect your computer and invade your privacy –How you can lock down your computer to protect your data and your personal information using free programs included on the book's CD If you've ever logged onto a website, conducted an online transaction, sent or received email, used a networked computer or even watched the evening news, you may have already been tricked, tracked, hacked, and manipulated. As the saying goes, just because you're paranoid doesn't mean they aren't after you. And, as Wallace Wang reveals, they probably are. The companion CD contains hundreds of megabytes of 100% FREE hacking and security related programs, like keyloggers, spyware stoppers, port blockers, IP scanners, Trojan horse detectors, and much, much more. CD compatible with Windows, Mac, and Linux.

Ubuntu Linux Toolbox

Everything you need to know—and then some! It's the fastest-growing, coolest Linux distribution out there, and now you can join the excitement with this information-packed guide. Want to edit graphics? Create a spreadsheet? Manage groups? Set up an NFS server? You'll learn it all and more with the expert guidance, tips, and techniques in this first-ever soup-to-nuts book on Ubuntu. From the basics for newcomers to enterprise management for system administrators, it's what you need to succeed with Ubuntu. Master the fundamentals for desktop and networks Send e-mail, share files, edit text, and print Download music, watch DVDs, and play games Use Ubuntu on laptops, go wireless, or synch it with your PDA Set up Web, mail, print, DNS, DHCP, and other servers Manage groups and secure your network What's on the CD-ROM? Test-drive Ubuntu on your computer without changing a thing using the bootable Ubuntu Desktop Live CD included with this book. If you decide to install it permanently, a simple, easy-to-use installer is provided. Also on the CD, you'll find: Popular open-source software for Microsoft(r) Windows(r), such as AbiWord, Firefox(r), GIMP, and more An easy-to-use application that simplifies installing these programs on your Microsoft Windows system System Requirements: Please see the "About the CD-ROM Appendix" for details and complete system requirements. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Mastering Python

This introduction to networking on Linux now covers firewalls, including the use of ipchains and Netfilter, masquerading, and accounting. Other new topics in this second edition include Novell (NCP/IPX) support and INN (news administration).

Linux?Bible

The definitive guide to the basics of one of the most popular operating systems in the world Whether you're a first-time Linux user or you're migrating from another operating system, this book is an ideal introductory guide for getting comfortable with the building-block nature of Linux. Written by bestselling author Christopher Negus, this guide is packed with in-depth descriptions on the basics of Linux desktops, servers, and programming tools and gets you up to speed on all the new and exciting features of the newest version: Linux 2010. Negus walks you through

transitioning from Windows or Mac and helps you find the Linux distribution that best meets your needs. You'll explore more than 18 Linux distributions, including the latest versions of Ubuntu, Fedora, Debian, OpenSUSE, Slackware, Knoppix, Gentoo, Mandriva, SLAX, and more. Plus, you'll discover how to set up secure, fully functioning Linux server systems and get up-to-date installation advice. Topics Covered: Getting off the Ground with Linux Running a Linux Desktop Learning System Administration Skills Setting Up Linux Servers Choosing and Installing Different Linux Distributions Programming in Linux Linux Bible 2010 Edition walks you through the details of the various Linux distributions and updates you on the latest networking, desktop, and server enhancements. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Professional Visual Basic 2010 and .NET 4

Ubuntu Linux is the fastest growing Linux-based operating system, and Beginning Ubuntu Linux, Fifth Edition teaches all of us—including those who have never used Linux—how to use it productively, whether you come from Windows or the Mac or the world of open source. Beginning Ubuntu Linux, Fifth Edition shows you how to take advantage of Lucid Lynx. Based on the best-selling previous edition, Emilio Raggi maintains a fine balance between teaching Ubuntu and introducing new features. Whether you aim to use it in the home or in the office, you'll be introduced to the world of Ubuntu Linux, from simple word processing to using cloud services. You'll learn how to control the Ubuntu system, which you just installed from the book's DVD, as you are guided through common tasks such as configuring the system's graphical user interface (GUI), listening to audio CDs and MP3s, producing documents, using VoIP and chat, and of course, general system maintenance. This book also supplies a series of comprehensive tutorials on Ubuntu administration and security—essential for any Ubuntu user—while not neglecting matters pertaining to office applications and the cloud.

Ubuntu Linux Bible

Dissecting the Hack: The V3rb0t3n Network ventures further into cutting-edge techniques and methods than its predecessor, Dissecting the Hack: The F0rb1dd3n Network. It forgoes the basics and delves straight into the action, as our heroes are chased around the world in a global race against the clock. The danger they face will forever reshape their lives and the price they pay for their actions will not only affect themselves, but could possibly shake the foundations of an entire nation. The book is divided into two parts. The first part, entitled "The V3rb0t3n Network," continues the fictional story of Bob and Leon, two hackers caught up in an adventure in which they learn the deadly consequence of digital actions. The second part, "Security Threats Are Real" (STAR), focuses on these real-world lessons and advanced techniques, as used by characters in the story. This gives the reader not only textbook knowledge, but real-world context around how cyber-attacks may manifest. "The V3rb0t3n Network" can be read as a stand-alone story or as an illustration of the issues described in STAR. Scattered throughout "The V3rb0t3n Network" are "Easter eggs"—references, hints, phrases, and more that will lead readers to insights into hacker culture. Drawing on "The V3rb0t3n Network," STAR explains the various aspects of reconnaissance; the scanning phase of an attack; the attacker's search for network weaknesses and

vulnerabilities to exploit; the various angles of attack used by the characters in the story; basic methods of erasing information and obscuring an attacker's presence on a computer system; and the underlying hacking culture. All new volume of Dissecting the Hack by Jayson Street, with technical edit by Brian Martin Uses actual hacking and security tools in its story - helps to familiarize readers with the many devices and their code Features cool new hacks and social engineering techniques, in real life context for ease of learning

Ubuntu Unleashed

"It's been said that "graphical user interfaces make easy tasks easy, while command-line interfaces make difficult tasks possible." The Linux Command Line shows readers how to control their computers and accomplish these difficult tasks using Bash, the Linux shell. Designed for command-line users of all levels, the book takes readers from the first keystrokes to the process of writing powerful programs in the command line's native language. Along the way, the author explores basic commands and file system navigation, OS configuration, classic command-line programs, shell programming, and much more, making The Linux Command Line an essential guide for all Linux users who wish to exploit the full power of their systems"--

[ROMANCE](#) [ACTION & ADVENTURE](#) [MYSTERY & THRILLER](#) [BIOGRAPHIES & HISTORY](#) [CHILDREN'S](#) [YOUNG ADULT](#) [FANTASY](#) [HISTORICAL FICTION](#) [HORROR](#) [LITERARY FICTION](#) [NON-FICTION](#) [SCIENCE FICTION](#)