

Beginning Ubuntu Linux Experts Voice In Open Source

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.

This edition is the update to the best-selling first edition introducing Ubuntu Linux. Adapted from the best-selling first edition, this book guides readers through the most commonly desired yet confusing concepts and tasks confronted by new Linux users. The book is purposely focused on end users to satisfy the growing interest in migrating away from Windows to the increasingly mature Linux desktop platform. The book serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

Beginning Ubuntu Linux: From Novice to Professional, Third Edition is the update to the best-selling first book introducing Ubuntu Linux. Adapted from Keir Thomas' best-selling "Beginning SUSE Linux: From Novice to Professional" (Apress, 2005), Keir sets out to guide readers through the most commonly desired yet confusing concepts and tasks confronted by new Linux users. Purposely focused on end users to satisfy the growing interest in migrating away from windows to the increasingly mature Linux desktop platform, Beginning Ubuntu Linux serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

Ubuntu Linux--the most popular Linux distribution on the planet--preserves the spirit embodied in the ancient African word ubuntu, which means both "humanity to others" and "I am what I am because of who we all are." Ubuntu won the Linux Journal Reader's Choice Award for best Linux distribution and is consistently the top-ranked Linux variant on DistroWatch.com. The reason this distribution is so widely popular is that Ubuntu is designed to be useful, usable, customizable, and always available for free worldwide. Ubuntu Hacks is your one-stop source for all of the community knowledge you need to get the most out of Ubuntu: a collection of 100 tips and tools to help new and experienced Linux users install, configure, and customize Ubuntu. With this set of hacks, you can get Ubuntu Linux working exactly the way you need it to. Learn how to: Install and test-drive Ubuntu Linux. Keep your system running smoothly Turn Ubuntu into a multimedia powerhouse: rip and burn discs, watch videos, listen to music, and more Take Ubuntu on the road with Wi-Fi wireless networking, Bluetooth, etc. Hook up multiple displays and enable your video card's 3-D acceleration Run Ubuntu with virtualization technology such as Xen and VMware Tighten your system's security Set up an Ubuntu-powered server Ubuntu Hacks will not only show you how to get everything working just right, you will also have a great time doing it as you explore the powerful features lurking within Ubuntu. "Put in a nutshell, this book is a collection of around 100 tips and tricks which the authors choose to call hacks, which explain how to accomplish various tasks in Ubuntu Linux. The so called hacks range from down right ordinary to the other end of the spectrum of doing specialised things...More over, each and every tip in this book has been tested by the authors on the latest version of Ubuntu (Dapper Drake) and is guaranteed to work. In writing this book,

it is clear that the authors have put in a lot of hard work in covering all facets of configuring this popular Linux distribution which makes this book a worth while buy." -- Ravi Kumar, Slashdot.org

Pro Ubuntu Server Administration teaches you advanced Ubuntu system building. After reading this book, you will be able to manage anything from simple file servers to multiple virtual servers to high-availability clusters. This is the capstone volume of the Apress Ubuntu trilogy that includes Beginning Ubuntu Linux, Third Edition and Beginning Ubuntu Server LTS Administration: From Novice to Professional, Second Edition. You will be able to make Ubuntu technology shine in a Fortune 500 environment and let Ubuntu server become the backbone of your infrastructure. Topics covered include Performance monitoring and optimization High-availability clustering Advanced Lightweight Directory Access Protocol (LDAP) integrated networking

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 is verified against all of the most important Linux distributions, and follows a task-oriented approach which is distribution agnostic. Now this Second Edition of Beginning the Linux Command Line updates to the very latest versions of the Linux Operating System, including the new Btrfs file system and its management, and systemd boot procedure and firewall management with firewalld! Updated to the latest versions of Linux Work with files and directories, including Btrfs! Administer users and security, and deploy firewalld Understand how Linux is organized, to think Linux!

Intel® Galileo and Intel® Galileo Gen 2: API Features and Arduino Projects for Linux Programmers provides detailed information about Intel® Galileo and Intel® Galileo Gen 2 boards for all software developers interested in Arduino and the Linux platform. The book covers the new Arduino APIs and is an introduction for developers on natively using Linux. Author Manoel Carlos Ramon is a member of the Intel Galileo development team; in this book he draws on his practical experience in working on the Galileo project as he shares the team's findings, problems, fixes, workarounds, and techniques with the open source community. His areas of expertise are wide-ranging, including Linux-embedded kernel and device drivers, C/C++, Java, OpenGL, Assembler, Android NDK/SDK/ADK, and 2G/3G/4G modem integration. He has more than 17 years of experience in research and development of mobile devices and embedded circuits. His personal blog about programming is BytesThink (www.bytesthink.com).

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.

Linux Kernel Networking takes you on a guided in-depth tour of the current Linux networking implementation and the theory behind it. Linux kernel networking is a complex topic, so the book won't burden you with topics not directly related to networking. This book will also not overload you with cumbersome line-by-line code walkthroughs not directly related to what you're searching for; you'll find just what you need, with in-depth explanations in each chapter and a quick reference at the end of each chapter. Linux Kernel Networking is the only up-to-date reference guide to understanding how networking is implemented, and it will be indispensable in years to come since so many devices now use Linux or operating systems based on Linux, like Android, and since Linux is so prevalent in the data center arena, including Linux-based virtualization technologies like Xen and KVM.

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.

Beginning Ubuntu for Windows and Mac Users is your comprehensive guide to using Ubuntu. You already know how to use a computer running Windows or OS X, but learning a new operating system can feel daunting. If you've been afraid to try Ubuntu because you don't know where to start, this book will show you how to get the most out of Ubuntu for work, home, and play. You'll be introduced to a wide selection of software and settings that will make your computer ready to work for you. Ubuntu makes your computing life easy. Ubuntu's Software Updater keeps all of your software secure and up-to-date. Browsing the Internet becomes faster and safer. Creating documents and sharing with others is built right in. Enjoying your music and movie libraries helps you unwind. In addition to a tour of Ubuntu's modern and easy-to-use interface, you'll also learn how to:

- Understand the advantages of Ubuntu and its variants—Kubuntu, Xubuntu, and more
- Install Ubuntu on its own or alongside your computer's existing operating system
- Search Ubuntu's catalog of thousands of applications—all ready to install with a single click
- Work with files and disks that were created with Windows and OS X
- Run simple, interesting tasks and games using the command line
- Customize Ubuntu in powerful ways and get work done with virtual machines

Ubuntu is the world's third most popular operating system and powers desktop and laptop computers, servers, private and public clouds, phones and tablets, and embedded devices. There's never been a better time to install Ubuntu and move to an open source way of life. Get started with *Beginning Ubuntu for Windows and Mac Users* today!

The job of Linux systems administrator is interrupt-driven and requires constant learning in byte-wise chunks. This book gives solutions to modern problems—even some you might not have heard of—such as scripting LDAP, making Mac clients play nice with Linux servers, and backup, security, and recovery scripts. Author Juliet Kemp takes a broad approach to scripting using Perl and bash, and all scripts work on Debian or Red Hat lineage distributions. Plus, she dispenses wisdom about time management, dealing with desperate colleagues, and how to avoid reinventing the wheel! Learn how to love LDAP scripting and NFS tuning Make Perl serve you: don't be enslaved by Perl Learn to change, craft, and feel empowered by recipes that change your life

This book guides you through all of the key configuration and administration tasks you'll need to know to quickly deploy and manage the Ubuntu Server distribution. Whether you're interested in adopting Ubuntu within a Fortune 500 environment or just want to use Ubuntu to manage your home network, this book is your go-to guide to using the distribution securely for a wide variety of network services. Topics include file, print, web, and FTP management, command-line tips and tricks, automated installation, configuration and deployment processes, and kernel management.

Pro Puppet is an in-depth guide to installing, using, and developing the popular configuration management tool Puppet. The book is a comprehensive follow-up to the previous title *Pulling*

Strings with Puppet. Puppet provides a way to automate everything from user management to server configuration. You'll learn how to create Puppet recipes, extend Puppet, and use Facter to gather configuration data from your servers. Puppet is a must-have tool for system administrators, and Pro Puppet will teach you how to maximize its capabilities and customize it for your environment. Install and configure Puppet to immediately start automating tasks and create reporting solutions Learn insider tricks and techniques to better manage your infrastructure Become a Puppet expert!

Discover Ubuntu, Today's Hottest Linux Everyone's talking about Ubuntu—it's not just 100% free, it's the most useful, practical desktop Linux ever! Now, Linux expert Marcel Gagné reveals Ubuntu's amazing power and helps you migrate from Windows faster than you ever thought possible. Moving to Ubuntu Linux will teach you how to do virtually anything with Ubuntu—write documents, create spreadsheets, surf the Web, use email, listen to music, watch movies, and play games. Install Ubuntu fast, with easy, step-by-step instructions Take control, with the GNOME desktop environment and Nautilus file manager Browse the Internet using Firefox, the powerful browser that's quickly replacing Microsoft Internet Explorer Find and install all the software you'll ever need, with Ubuntu's powerful Synaptic package manager Send email, track contacts, create calendars, and manage all your personal information with Evolution Organize digital photos, rip music, burn and play CDs, watch movies, create graphics, and more Discover the world of Linux games, and learn how to run Windows games on your Ubuntu PC Set up an efficient, convenient network for your home or small business Customize your desktop so it's perfectly comfortable and totally efficient

We can all be Linux experts, provided we invest the time in learning the craft of Linux administration. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Authors, and systems infrastructure experts James Turnbull, Peter Lieverdink, and Dennis Matotek take a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. If you want to implement a SOHO or SMB Linux infrastructure, Pro Linux System Administration clearly demonstrates everything you need. You'll find this book also provides a solid framework to move forward and expand your business and associated IT capabilities, and you'll benefit from the expertise and experienced guidance of the authors. Pro Linux System Administration covers An introduction to using Linux and free and open source software to cheaply and efficiently manage your business A layered model that allows your infrastructure to grow with your business Easy and simple-to-understand instructions including configurations, examples, and extensive real-world hints and tips

Expert Humans: Critical Leadership Skills for a Disrupted World examines the critical leadership concepts of Altruism, Compassion and Empathy (ACE) and their application to the great disruptors of today.

What has made Ubuntu the most popular Linux distribution in recent years? It's the emphasis on ease of installation and use. It gets even easier when paired with Ubuntu Linux For Dummies. This friendly reference shows you how to run Ubuntu directly from CD-ROM and install it on a PC as a personal workstation and network server. You'll find out how to download Ubuntu and start using it right away. You'll also discover how to: Connect to a LAN via a wireless and Ethernet Use OpenOffice.org and Mozilla Firefox drawing and editing Tap into multimedia, graphics and other applications using Ubuntu Create services for a home or small business network Generate and manage web pages, print services, and more Find helpful information about Ubuntu and Linux Troubleshoot and fix problems "Ubuntu" means "humanity toward others." Operating system guidebooks don't get any more humane than Ubuntu Linux For Dummies.

Best practices and expert techniques for even the most demanding MySQL-driven PHP applications PHP is the world's most popular, general-purpose, open-source scripting language and MySQL is the world's most popular open-source database. This expert-level book begins with a brief overview of the two technologies and quickly moves on to coverage of advanced programming techniques, as well as the exciting new features of the PHP 5.3 release. Written by three of PHP and MySQL experts and veteran authors, this resource focuses on best practices and expert techniques that can be applied to the most difficult MySQL-driven PHP applications. The authors share design patterns and tools that they themselves have tested in order to save you valuable time usually spent on figuring things out via trial and error. Reveals best practices and advanced techniques for handling challenges you may face with MySQL-driven PHP apps Reviews practical data reporting techniques for separating business logic from presentation Explains how to obtain improved performance and flexibility through caching, multi-tasking, PHP extensions, and MySQL user defined functions Discusses security, optimization, and debugging Shares author-tested design patterns and tools to save you time and effort Packed with helpful examples and indispensable advice, this book shares tips and tricks that you can immediately apply to your projects.

This book details how to install, configure, and use Windows Home Server and explains how to connect to and manage different clients such as Windows XP, Windows Vista, Windows Media Center, and more. Its straightforward and easy-to-understand style will help you maximize all the benefits that Windows Home Server can bring. This guide features step-by-step instructions for configurations, lots of troubleshooting tips, many useful illustrations for a quick-to-learn approach, as well as handy hints, tips, and extensive walkthroughs to get you up and running as quickly and painlessly as possible.

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.

Beginning Ubuntu Linux, Fourth Edition is the update to the bestselling book on Ubuntu, today's hottest Linux distribution. Targeting newcomers to Linux and to the Ubuntu distribution alike, readers are presented with an introduction to the world of Linux and open source community, followed by a detailed overview of Ubuntu's installation and configuration process. From there readers learn how to wield total control over their newly installed operating system, and are guided through common tasks such as writing documents, listening to audio CDs and MP3s, watching movies, using VoIP and chat, and of course general system maintenance matters. Additionally, there's a series of comprehensive tutorials on Linux internals and the command-line prompt—essential for any Linux user—and the book includes special sections on optimization, security, and system maintenance. The book comes with a DVD containing the

complete Ubuntu Linux distribution. All you need to do is insert the DVD and follow the instructions in the book to install this distribution. The ultimate guide to Ubuntu, the hottest Linux distribution on the planet. Forgoes introductions to esoteric Linux topics so commonly found in other books and instead focuses on everyday tasks for everyday users: printer and file sharing configuration, office document management, and listening to MP3s and watching movies among them.

Outside of the world of enterprise computing, there is one database that enables a huge range of software and hardware to flex relational database capabilities, without the baggage and cost of traditional database management systems. That database is SQLite—an embeddable database with an amazingly small footprint, yet able to handle databases of enormous size. SQLite comes equipped with an array of powerful features available through a host of programming and development environments. It is supported by languages such as C, Java, Perl, PHP, Python, Ruby, TCL, and more. The Definitive Guide to SQLite, Second Edition is devoted to complete coverage of the latest version of this powerful database. It offers a thorough overview of SQLite's capabilities and APIs. The book also uses SQLite as the basis for helping newcomers make their first foray into database development. In only a short time you can be writing programs as diverse as a server-side browser plug-in or the next great iPhone or Android application! Learn about SQLite extensions for C, Java, Perl, PHP, Python, Ruby, and Tcl. Get solid coverage of SQLite internals. Explore developing iOS (iPhone) and Android applications with SQLite. SQLite is the solution chosen for thousands of products around the world, from mobile phones and GPS devices to set-top boxes and web browsers. You almost certainly use SQLite every day without even realizing it!

Ubuntu Server is a complete, free server operating system that just works, with the extra Ubuntu polish, innovation, and simplicity that administrators love. Now, there's a definitive, authoritative guide to getting up-and-running quickly with the newest, most powerful versions of Ubuntu Server. Written by leading members of the Ubuntu community, The Official Ubuntu Server Book covers all you need to know to make the most of Ubuntu Server, whether you're a beginner or a battle-hardened senior system administrator. The authors cover Ubuntu Server from start to finish: installation, basic administration and monitoring, security, backup, troubleshooting, system rescue, and much more. They walk through deploying each of the most common server applications, from file and print services to state-of-the-art, cost-saving virtualization. In addition, you'll learn how to Make the most of Ubuntu Server's latest, most powerful technologies Discover easy, fast ways to perform key administration tasks Automate Ubuntu installs, no matter how many servers you're installing Quickly set up low-cost web servers and email Protect your server with Ubuntu's built-in and optional security tools Minimize downtime with fault tolerance and clustering Master proven, step-by-step server and network troubleshooting techniques Walk through rescuing an Ubuntu server that won't boot Beginning Ubuntu Linux Beginning Ubuntu for Windows and Mac Users Apress

Implement a SOHO or SMB Linux infrastructure to expand your business and associated IT capabilities. Backed by the expertise and experienced guidance of the authors, this book provides everything you need to move your business forward. Pro Linux System Administration makes it easy for small- to medium-sized businesses to enter the world of zero-cost software running on Linux and covers all the distros you might want to use, including Red Hat, Ubuntu, Debian, and CentOS. Pro Linux System Administration takes a layered, component-based approach to open source business systems, while training system administrators as the builders of business infrastructure. Completely updated for this second edition, Dennis Matotek takes you through an infrastructure-as-code approach, seamlessly taking you through steps along the journey of Linux administration with all you need to master complex systems. This edition now includes Jenkins, Ansible, Logstash and more. What You'll Learn: Understand Linux architecture Build, back up, and recover Linux servers Create basic networks and

network services with Linux Build and implement Linux infrastructure and services including mail, web, databases, and file and print Implement Linux security Resolve Linux performance and capacity planning issues Who This Book Is For: Small to medium-sized business owners looking to run their own IT, system administrators considering migrating to Linux, and IT systems integrators looking for an extensible Linux infrastructure management approach. Written by bestselling Linux author Michael Jang, *Ubuntu Server Administration* explains how to administer and manage the latest release of the number-one Linux distribution. Geared toward installing and managing Ubuntu Server in the enterprise, the book focuses on Ubuntu 8.04 Hardy Heron which rivals Red Hat Enterprise Linux in stability. You will be able to take full advantage of the secure network configuration and manage files and software, grant user rights, and provide Internet and intranet services.

Learn the pros and the cons of the most frequently used distros in order to find the one that is right for you. You will explore each distro step by step, so that you don't have to endure hours of web surfing, countless downloads, becoming confused by new concepts and, in the worst cases, reading complex and marathon installation guides. You will benefit from the author's long-term experience working with each distro hands on, enabling you to choose the best distro for your long-term needs. The first barrier that a new Linux user has to face is the overwhelming number of "flavors" that this operating system has. These "flavors" are commonly known as distros (from distribution), and to date there are more than three hundred active distros to choose from. So, how to choose one? You can choose the most popular at the moment, or take heed of what your friend says, but are you sure that this is the one that you need? Making the wrong decision on this matter is behind a good number of disappointments with this operating system. You need to choose the distro that is right for you and your needs. Linux offers us a wonderful open source alternative to proprietary software. With *Introducing Linux Distros* you can decide how to best make it work for you. Start exploring the open source world today. What You'll learn Review what a Linux distro is and which one to select Decide which criteria to follow to make a right decision Examine the most used Linux distros and their unique philosophies install and maintain different Linux distros Who This Book Is For Newcomers to the Linux world that have to deal with the myriad of distributions.

This edition is the update to the best-selling first edition *Introducing Ubuntu Linux*. Adapted from the best-selling first edition, this book guides readers through the most commonly desired yet confusing concepts and tasks confronted by new Linux users. The book is purposely focused on end users to satisfy the growing interest in migrating away from Windows to the increasingly mature Linux desktop platform. This book includes a DVD containing the latest version of Ubuntu and hundreds of useful applications. The book serves as a guide to a rapid and transparent familiarization of those features most treasured by general and power desktop users alike.

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"

Readers of all levels stand to benefit from this book's coverage of SUSE's ability to play MP3s and DVDs, burn CDs, perform office tasks and data backups, and offer a secure operating system environment. Whether it is a reader evaluating SUSE for deployment in a corporate environment, or a student interested in foregoing expensive licensing arrangements, this book serves as an invaluable guide to the Linux platform. Having solidified its position as Europe's most popular variant SUSE Linux continues to grow in popularity within the U.S. market. SUSE is an increasingly viable alternative to the Windows platform on both the desktop and server level.

Beginning Ubuntu LTS Server Administration, Second Edition is the touchstone companion book for anyone implementing Ubuntu LTS Server. Author Sander van Vugt introduces the most recent server edition of Ubuntu Linux, the most popular Linux distribution, to power users, system administrators, and programmers and demonstrates the power and flexibility that the Hardy-Heron Ubuntu Server Long Term Support Edition offers for small networks and corporate systems alike. This book covers: Installing and configuring Ubuntu to ensure secure installations Virtual Ubuntu Full network and web services management

Authoritative Answers to All Your Apache Questions--Now Updated to Cover Apache 2.0

Linux Apache Web Server Administration is the most complete, most advanced guide to the Apache Web server you'll find anywhere. Written by a leading Apache expert--and now updated to cover Apache 2.0--this book teaches you, step-by-step, all the standard and advanced techniques you need to know to administer Apache on a Linux box. Hundreds of clear, consistent examples illustrate these techniques in detail--so you stay on track and accomplish all your goals. Coverage includes: * Compiling Apache from source code *

Creating and hosting virtual web sites * Using Server-Side Includes to create Web pages with dynamic content * Using Apache directives to configure your site * Extending Apache using add-on modules * Using the Common Gateway Interface for web programming * Enhancing the performance of CGI programs with FastCGI and mod_perl * Installing Apache support for PHP * Extending Apache to run Java servlets or Java Server Pages * Attaching Apache to a database server * Using URL rewriting for increased request-handling flexibility * Implementing user authentication * Adding Secure Sockets Layer for enhanced system security *

Customizing Apache's log formats The Craig Hunt Linux Library The Craig Hunt Linux Library provides in-depth, advanced coverage of the key topics for Linux administrators. Topics include Samba, System Administration, DNS Server Administration, Network Servers, Security, and Sendmail. Each book in the series is either written by or meticulously reviewed by Craig Hunt to ensure the highest quality and most complete coverage for networking professionals working specifically in Linux environments.

The new world of cloud computing needs data storage. CouchDB is the scalable, portable, simple database engine that is helping open source cloud architects put their data stores onto a firm foundation. Beginning CouchDB provides the tools to begin using this very powerful database engine without having to pay license fees for the software, or worry about administrator's certifications or vast hardware requirements. This book teaches the fundamentals of one of the most powerful database engines ever created for the price of a good lunch. After reading this book and working through the examples, you'll be able to write your own applications for CouchDB quickly and easily. In-depth, non-intimidating guide to CouchDB and how it differs from similar offerings such as SimpleDB and BigTable, and also how it differs from traditional relational and object-oriented databases such as Oracle, SQL Server, and MySQL. Detailed explanation of how CouchDB works, its suitability for use in

distributed environments, the role of Erlang, and other technical topics in a manner that does not obfuscate methods or results. JavaScript is extremely popular as a development language for CouchDB. No Erlang is required, but a little bit can't hurt either. A tutorial-oriented approach to teaching readers how to use CouchDB, featuring many code examples and listings, as well as screenshots where relevant.

Model View Controller (MVC) is becoming the definitive architecture of website development frameworks due to the stability, extensibility and predictability it lends to development. It is not just the primary separation of database, business logic and interface components, but includes a wide range of considerations for building high-performing, scalable and secure applications. Deciding which MVC framework best suits the project you are about to begin is one of the biggest challenges you'll face as a developer. If you are part of a team, this decision has probably already been made for you; but in any event, you'll need to know how (and why) the framework authors made it work the way it does. Pro PHP MVC looks at the building blocks that make any good MVC framework, and how they apply to PHP. It exposes all considerations that many developers take for granted when using a popular framework, and teaches you how to make the framework your own. Over the course of reading this book, you will learn the theoretical implications of the choices you would make when writing your own MVC framework, and how to put the pieces together in a cohesive package. We take a look at the highly modular Zend Framework—how to use its collection of loosely coupled classes to build a unified system. We also look at CakePHP, learning from its automated build system (Bakery) and highly intuitive approach to rapid development. This book will lay bare all the secret parts of MVC for you.

Welcome to the cloud for users, where the speed of Ubuntu and the ease of cloud applications unite. You can now speed up your netbook, connect to the world using 3G modems, or make calls using Skype with Ubuntu. You can even change your desktop altogether without having to worry about netbook screen real estate. Now, you will never have to worry about the lack of documentation for your netbook again. Install and configure Ubuntu on a netbook. Connect and secure Ubuntu on your netbook. Tune Ubuntu and cloud applications to run on your netbook.

Open source software, also known as free software, now offers a creative platform with world-class programs. Just ask the people who have completed high-quality projects or developed popular web 2.0 sites using open source desktop applications. This phenomenon is no longer underground or restricted to techies—there have been more than 61 million downloads of the Audacity audio editor and more than 60 million downloads of the GIMP for Windows photographic tool from SourceForge.net alone. Crafting Digital Media is your foundation course in photographic manipulation, illustration, animation, 3D modelling, publishing, recording audio and making music, DJ'ing, mixing and mastering audio CDs, video editing and web content delivery. Every technique described in the book can be achieved on GNU/Linux, but many of the applications covered run on Windows and Mac OS X as well. New to GNU/Linux and a little daunted? Don't worry—there's a step-by-step tutorial on Ubuntu for either temporary use or permanent installation. If you are a creative type who wants to get started with open source software or an existing GNU/Linux user looking to explore this category of programs, this is the book for you! Realize your own personal projects and creative ambitions with the tools this book will place at your fingertips.

Teaches you how to improve your hands-on knowledge of Linux using challenging, real-world scenarios. Each chapter explores a topic that has been chosen specifically to demonstrate how to enhance your base Linux system, and resolve important issues. This book enables sysadmins, DevOps engineers, developers, and other technical professionals to make full use of Linux's rocksteady foundation. Explore specific topics in networking, email, filesystems, encryption, system monitoring, security, servers, and more-- including systemd and GPG.

Understand salient security concerns and how to mitigate them. Applicable to almost all Linux flavors--Debian, Red Hat, Ubuntu, Linux Mint, CentOS--Practical Linux Topics can be used to reference other Unix-type systems with little modification. Improve your practical know-how and background knowledge on servers and workstations alike, increase your ability to troubleshoot and ultimately solve the daily challenges encountered by all professional Linux users. Empower your Linux skills by adding Power Linux Topics to your library today. What You'll Learn Solve a variety of challenges faced by sysadmins and DevOps engineers Understand the security implications of the actions you take Study the history behind some of the packages that you are using for a greater in-depth understanding Become a professional at troubleshooting Extend your knowledge by learning about multiple OSs and third-party packages Who This Book Is For Having mastered the basics of running Linux systems this book takes you one step further to help you master the elements of Linux which you may have struggled with in the past. You have progressed past the basic stages of using Linux and want to delve into the more complex aspects. Practical Linux instantly offers answers to problematic scenarios and provides invaluable information for future reference. It is an invaluable addition to any Linux library.

This book explores and discusses emerging perspectives of Ubuntu from the vantage point of "ordinary" people and connects it to human rights and decolonizing discourses. It engages a decolonizing perspective in writing about Ubuntu as an indigenous concept. The foregrounding argument is that one's positionality speaks to particular interests that may continue to sustain oppressions instead of confronting and dismantling them. Therefore, a decolonial approach to writing indigenous experiences begins with transparency about the researcher's own positionality. The emerging perspectives of this volume are contextual, highlighting the need for a critical reading for emerging, transformative and alternative visions in human relations and social structures.

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