

Pro Mysql

Pro MySQL Apress

This is the first book to be released on Lasso that provides a step by step how to guide to creating Web solutions. The focus is on teaching essential elements of Lasso for dynamic Web content.

Some might say we all want Linux with an OS X graphical user interface. Mac for Linux Geeks will assist you step by step in migrating from Linux-based systems to OS X. Dual booting, virtualization, and building out the Linux environment on OS X are discussed in detail, along with a comparative view of well-known Mac tools and their open source equivalents. Written for daily use, this concise and dependable guide will steer you across the technical landscape from your chosen Linux flavor to the OS X promised land. Live with OS X, but work with Linux tools Make the OS X-Linux hybrid a reality Use Mac tools where possible and free software where appropriate

It hasn't taken Web developers long to discover that when it comes to creating dynamic, database-driven Web sites, MySQL and PHP provide a winning open source combination. Add this book to the mix, and there's no limit to the powerful, interactive Web sites that developers can create. With step-by-step instructions, complete scripts, and expert tips to guide readers, veteran author and database designer Larry Ullman gets right down to business: After grounding readers with separate discussions of first the scripting language (PHP) and then the database program (MySQL), he goes on to cover security, sessions and cookies, and using additional Web tools, with several sections devoted to creating sample applications. This guide is indispensable for intermediate-to advanced level Web designers who want to replace their static sites with something dynamic. In this edition, the bulk of the new material covers the latest versions of both technologies: PHP 6 (due out in 2008) and MySQL 5 (available now). The book's publication date is likely to beat the official release of PHP 6, making it one of the first books available on the subject.

How can you bring out MySQL's full power? With High Performance MySQL, you'll learn advanced techniques for everything from designing schemas, indexes, and queries to tuning your MySQL server, operating system, and hardware to their fullest potential. This guide also teaches you safe and practical ways to scale applications through replication, load balancing, high availability, and failover. Updated to reflect recent advances in MySQL and InnoDB performance, features, and tools, this third edition not only offers specific examples of how MySQL works, it also teaches you why this system works as it does, with illustrative stories and case studies that demonstrate MySQL's principles in action. With this book, you'll learn how to think in MySQL. Learn the effects of new features in MySQL 5.5, including stored procedures, partitioned databases, triggers, and views Implement improvements in replication, high availability, and clustering Achieve high performance when running MySQL in the cloud Optimize advanced querying features, such as full-text searches Take advantage of modern multi-core CPUs and solid-state disks Explore backup and recovery strategies—including new tools for hot online backups

From the Internet's infrastructure to operating systems like GNU/Linux, the open source movement comprises some of the greatest accomplishments in computing over the past quarter century. Its story embraces technological advances, unprecedented global collaboration, and remarkable tools for facilitating distributed development. The evolution of the Internet enabled an enormous expansion of open development, allowing developers to exchange information and ideas without regard to constraints of space, time, or national boundary. The movement has had widespread impact on education and government, as well as historic cultural and commercial repercussions. Part I discusses key open source applications, platforms, and technologies used in open development. Part II explores social issues ranging from demographics and psychology to legal and economic matters. Part III discusses the Free Software Foundation, open source in the public sector (government and education), and future prospects. Learn how to make the switch from PC to Mac a completely smooth transition The number of Mac users continues to increase significantly each year. If you are one of those people and are eager but also anxious about making the switch, then fear not! This friendly guide skips the jargon to deliver you an easy-to-read, understandable introduction to the Macintosh computer. Computer guru Arnold Reinhold walks you through the Mac OS, user interface, and icons. You'll learn how to set up your Mac, move your files from your PC to your Mac, switch applications, get your Mac online, network your Mac, secure your Mac, work with the iLife suite, troubleshoot common problems, and more. Dives in to helping you make the switch from PC to Mac as smooth and effortless as possible Walks you through the latest features of Mac OS X Lion to help you take advantage of all the cool things your Mac can do that you might not know about Offers clear instructions for working with the iLife applications, running Windows on your Mac via Boot Camp, networking your Mac, and switching your family or your business to a Mac Shares essential advice for troubleshooting common problems and provides easy tips for keeping your Mac happy Switching to Mac For Dummies, Mac OS X Lion Edition is all you need to switch to a Mac and never look back!

* This unique approach to Velocity shows how to use Velocity not just for the Web, but also for desktop applications, command line util and Ant integration. * Shows how to build practical, usable projects that are not re-hashed from the documentation. * An entire chapter is dedicated to the implementation and architecture of Velocity. This is a very practical way to introduce best practices.

* One of the first books to cover MySQL 5 in depth * Foregoes reiteration of the basics found in other books, and concentrates on MySQL's advanced applications in enterprise environments * Doubles as a reference for users interested in having a thorough guide to configuration directives, commands, and features at their disposal

This second edition of Michael Kofler's acclaimed MySQL book has updated and expanded to cover MySQL 4.0, the most recent production release of the popular open source database, which boasts more than 4 million users worldwide. Like the first edition, this revision, which has been renamed to reflect the breadth and depth of Kofler's coverage of the topic, provides a thorough introduction to the installation, configuration, implementation, and administration of MySQL. In addition, Kofler demonstrates how you can use MySQL in conjunction with various other technologies to create database-driven websites, and he gives practical advice on database design. Kofler also covers what's coming up next in MySQL 4.1.

Hacking with Kali introduces you the most current distribution of the de facto standard tool for Linux pen testing. Starting with use of the Kali live CD and progressing through installation on hard drives, thumb drives and SD cards, author James Broad walks you through creating a custom version of the Kali live distribution. You'll learn how to configure networking components, storage devices and system services such as DHCP and web services. Once you're familiar with the basic components of the software, you'll learn how to use Kali through the phases of the penetration testing lifecycle; one major tool from each phase is explained. The book culminates with a chapter on reporting that will provide examples of documents used prior to, during and after the pen test. This guide will benefit information security professionals of all levels, hackers, systems administrators, network administrators, and beginning and intermediate professional pen testers, as well as students majoring in information security. Provides detailed explanations of the complete penetration testing lifecycle Complete linkage of the Kali

information, resources and distribution downloads Hands-on exercises reinforce topics

* This book is the 4th edition of a proven bestselling title * Provides both a reference to the J2EE APIs plus best practices and design guidelines for using them appropriately. Takes an 80:20 approach so as not to be too overarching, but will still be comprehensive and in-depth in its coverage of what is most important and useful to know

Innovations in Computing Sciences and Software Engineering includes a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of Computer Science, Software Engineering, Computer Engineering, and Systems Engineering and Sciences. Topics Covered: •Image and Pattern Recognition: Compression, Image processing, Signal Processing Architectures, Signal Processing for Communication, Signal Processing Implementation, Speech Compression, and Video Coding Architectures. •Languages and Systems: Algorithms, Databases, Embedded Systems and Applications, File Systems and I/O, Geographical Information Systems, Kernel and OS Structures, Knowledge Based Systems, Modeling and Simulation, Object Based Software Engineering, Programming Languages, and Programming Models and tools. •Parallel Processing: Distributed Scheduling, Multiprocessing, Real-time Systems, Simulation Modeling and Development, and Web Applications. •Signal and Image Processing: Content Based Video Retrieval, Character Recognition, Incremental Learning for Speech Recognition, Signal Processing Theory and Methods, and Vision-based Monitoring Systems. •Software and Systems: Activity-Based Software Estimation, Algorithms, Genetic Algorithms, Information Systems Security, Programming Languages, Software Protection Techniques, Software Protection Techniques, and User Interfaces. •Distributed Processing: Asynchronous Message Passing System, Heterogeneous Software Environments, Mobile Ad Hoc Networks, Resource Allocation, and Sensor Networks. •New trends in computing: Computers for People of Special Needs, Fuzzy Inference, Human Computer Interaction, Incremental Learning, Internet-based Computing Models, Machine Intelligence, Natural Language.

MYSQL Programming Made Easy " Always wanted to learn MYSQL Programming?" " Always confused by all the technical jargon and its the reason why you haven't attempted computer programming" " Just want an easy to read quick learning guide to get right into programming when your done?" " Want to discuss in depth SQL and Database language?" " How about SQL Syntax? Clauses and Statements?" Javascript " Looking to take your programming to the next level?" " Need the basics fast and become a pro right after!" " Want all the coding tools needed to be the best at JavaScript?" " HTML, CSS and JavaScript all in one!" " Don't know your JavaScript Statements?" " How about basic Syntax? Or Functions and Events?" " Tired of all those technical books that make programming seem impossible?"

What is this book about? Professional Red Hat Enterprise Linux 3 is a complete professional guide to setting up, configuring, and deploying Red Hat Enterprise Linux in the corporate production environment. The book focuses on Enterprise Server and Advanced Server features, including the key areas of high availability with the Red Hat Cluster Suite, Red Hat Network Control Center, and Red Hat Enterprise applications such as the Content Management System and portal server. Other key unique features include kernel tuning for various performance profiles; advanced Apache configuration; Tux installation/maintenance; building high-performance FTP servers; building high-performance mail servers (which means replacing Sendmail); Mailing list management; how to efficiently add, remove, or modify 100 users at the same time; and a discussion of disk quota management and monitoring. What does this book cover? The key features of the book include the following: How to install and setup RHEL 3 How to deploy RHEL 3 in production environment How to manage an RHEL system using Perl and shell scripting Advanced administration tools How to use Red Hat network service Details on installation and setup of security tools Ability to use and deploy High Availability solutions provided with RHEL 3 Performance tuning How to use monitoring tools Ability to use RHEL to provide scalable infrastructure solutions.

Brain Banking, Volume 150, serves as the only book on the market offering comprehensive coverage of the functional realities of brain banking. It focuses on brain donor recruitment strategies, brain bank networks, ethical issues, brain dissection/tissue processing/tissue dissemination, neuropathological diagnosis, brain donor data, and techniques in brain tissue analysis. In accordance with massive initiatives, such as BRAIN and the EU Human Brain Project, abnormalities and potential therapeutic targets of neurological and psychiatric disorders need to be validated in human brain tissue, thus requiring substantial numbers of well characterized human brains of high tissue quality with neurological and psychiatric diseases. Offers comprehensive coverage of the functional realities of brain banking, with a focus on brain donor recruitment strategies, brain bank networks, ethical issues, and more Serves as a valuable resource for staff in existing brain banks by highlighting best practices Enhances the sharing of expertise between existing banks and highlights a range of techniques applicable to banked tissue for neuroscience researchers Authored by leaders from brain banks around the globe – the broadest, most expert coverage available

* This best-selling title has comprehensive discussions about PHP 5, MySQL 5, and how these two popular open source technologies work together to create powerful websites. * Updated to reflect the new features found in MySQL's most significant release to date. Readers are introduced to advanced database features like triggers, stored procedures, and views. They learn how to integrate these new capabilities into their PHP-driven web applications. The book also discusses PHP's new MySQL extension, mysqli, which is required for MySQL versions 4.1 and higher. * Packed with hundreds of practical examples covering all aspects of web development, including forms management, templating, database integration, Web services, security, and session handling.

* MySQL 5, due to be released in summer 2005, is slated to be the most significant release in the product's history. The Definitive Guide to MySQL 5, Third Edition is the first book to offer in-depth instruction on the new features. * This book shows readers how to connect to MySQL via all of the major APIs, including PHP, Perl, Java, JSP, and C#. * Novice and intermediate database administrators are introduced to both MySQL's key features, and crucial database management concepts by way of real-world examples such as discussion forums, online polls, and other data administration projects. Using the example of corporate OSS engagement, Oliver Alexy shows how free revealing can be carried out both effectively and efficiently by companies. He evaluates potential advantages and disadvantages and looks at related organizational processes to understand how this practice diffuses within the corporation and how firms can use it successfully.

* Offers a simple and universal cross-platform solution for e-commerce, complex web, and database-driven applications.

* A resource for working PHP developers who want to take their skills to the next level. Includes case studies on a user privilege system and a multi-tiered WML-based shopping cart. * Covers installation on *nix, Windows, and MacOS X, PHP with PostgreSQL and ODBC, PHP support for LDAP, PHP with MySQL, PHP's interactions with XML, multi-tiered development using PHP, and PHP extension libraries

This guide teaches readers how to design and implement their an open source database. Topics include designing and creating a database; normalizing data; adding tables, columns and indexes; importing and exporting data; administering, optimizing and troubleshooting My SQL; and locks and keys.

The implementation of stored procedures in MySQL 5.0 a huge milestone -- one that is expected to lead to widespread enterprise adoption of the already extremely popular MySQL database. If you are serious about building the web-based database applications of the future, you need to get up to speed quickly on how stored procedures work -- and how to build them the right way. This book, destined to be the bible of stored procedure development, is a resource that no real MySQL programmer can afford to do without. In the decade since MySQL burst on the scene, it has become the dominant open source database, with capabilities and performance rivaling those of commercial RDBMS offerings like Oracle and SQL Server. Along with Linux and PHP, MySQL is at the heart of millions of applications. And now, with support for stored procedures, functions, and triggers in MySQL 5.0, MySQL offers the programming power needed for true enterprise use. MySQL's new procedural language has a straightforward syntax, making it easy to write simple programs. But it's not so easy to write secure, easily maintained, high-performance, and bug-free programs. Few in the MySQL world have substantial experience yet with stored procedures, but Guy Harrison and Steven Feuerstein have decades of combined expertise. In *MySQL Stored Procedure Programming*, they put that hard-won experience to good use. Packed with code examples and covering everything from language basics to application building to advanced tuning and best practices, this highly readable book is the one-stop guide to MySQL development. It consists of four major sections: MySQL stored programming fundamentals -- tutorial, basic statements, SQL in stored programs, and error handling Building MySQL stored programs -- transaction handling, built-in functions, stored functions, and triggers MySQL stored programs in applications -- using stored programs with PHP, Java, Perl, Python, and .NET (C# and VB.NET) Optimizing MySQL stored programs -- security, basic and advanced SQL tuning, optimizing stored program code, and programming best practices A companion web site contains many thousands of lines of code, that you can put to use immediately. Guy Harrison is Chief Architect of Database Solutions at Quest Software and a frequent speaker and writer on MySQL topics. Steven Feuerstein is the author of *Oracle PL/SQL Programming*, the classic reference for Oracle stored programming for more than ten years. Both have decades of experience as database developers, and between them they have authored a dozen books.

If you want to know the most popular, the most flexible, the most configurable FTP server -- meet Proftpd. A description of the Proftpd server, installation, configuration and testing. ProFTPD was created when the most popular server was wu-FTPd which there were many problems with connected with errors and holes in security. The micro-course also contains a description of creating an account with authorization and an anonymous account. Keywords: proftpd, server FTP, proftpd.conf, standalone, anonymous, chroot

With the rise of the internet and the growing concern over intellectual property, this study provides an open, constructive platform for a wide range of lawyers, artists, journalists, and activists to discuss their views on the future of free and open-source software. By exchanging both complementary and conflicting opinions, the contributors look ahead to the evolution, prospects, and issues of sharing knowledge and ideas through technology.

Pro PHP and MySQL aims to pick up where Jason Gilmore's best-selling *Beginning PHP and MySQL* leaves off. Although there are some similar topics touched on with each book, this in-depth "dive-in"-like book aims to further expose the reader into the many different methodologies, tools, and concepts that professional web developers are using more and more each day. In this book, author Chad Russell teaches you PHP development best practices, such as version control, development environment virtualization, and coding standards. You'll also learn how to employ PHP design patterns to your web application development techniques and applications, giving you all the skills you need to write high-performing, elegant applications. You'll discover the most useful PHP web frameworks, including the new Laravel, symfony2, and micro-frameworks. As you do so, you'll learn how to use them to write the most productive PHP code possible. In the MySQL sections of the book, you'll see how to work with MySQL, using object-relational mapping (ORM), Propel and Doctrine, advanced queries, normalization, keys and indexes, and optimization. The final chapter covers the future of PHP and MySQL including HHVM, the Hack Language, PHPNG and more.

Beginning PHP and MySQL: From Novice to Professional, Fourth Edition is a major update of W. Jason Gilmore's authoritative book on PHP and MySQL. The fourth edition includes complete coverage of PHP 5.3 features, including namespacing, an update of AMP stack installation and configuration, updates to Zend Framework, coverage of MySQL Workbench, and much more. You'll not only receive extensive introductions to the core features of PHP, MySQL, and related tools, but you'll also learn how to effectively integrate them in order to build robust data-driven applications. Gilmore has seven years of experience working with these technologies, and he has packed this book with practical examples and insight into the real-world challenges faced by developers. Accordingly, you will repeatedly return to this book as both a valuable instructional tool and reference guide.

How can you realize MySQL's full power? With *High Performance MySQL*, you'll learn advanced techniques for everything from setting service-level objectives to designing schemas, indexes, and queries to tuning your server, operating system, and hardware to achieve your platform's full potential. This guide also teaches database administrators safe and practical ways to scale applications through replication, load balancing, high availability, and failover. Updated to reflect recent advances in cloud- and self-hosted MySQL, InnoDB performance, and new features and tools, this revised edition helps you design a relational data platform that will scale with your business. You'll learn best practices for database security along with hard-earned lessons in both performance and database stability. Dive into MySQL's architecture, including key facts about its storage engines Learn how server configuration works with your hardware and deployment choices Make query performance part of your software delivery process Examine enhancements to MySQL's replication and high availability Compare different MySQL offerings in managed cloud environments Explore MySQL's full stack optimization from application-side configuration to server tuning Turn traditional database management tasks into automated processes

The Essential Guide to SQL Statement Optimization Written by Oracle ACE Director and MySQL expert Ronald Bradford, *Effective MySQL: Optimizing SQL Statements* is filled with detailed explanations and practical examples that can be applied immediately to improve database and application performances. Featuring a step-by-step approach to SQL optimization, this Oracle Press book helps you to analyze and tune problematic SQL statements. Identify the essential analysis commands for gathering and diagnosing issues Learn how different index theories are applied and represented in MySQL Plan and execute informed SQL optimizations Create MySQL indexes to improve query performance Master the MySQL query execution plan Identify key configuration variables that impact SQL execution and performance Apply the SQL optimization lifecycle to capture, identify, confirm, analyze, and optimize SQL statements and verify the results Improve index utilization with covering indexes and partial indexes Learn hidden performance tips for improving index efficiency and simplifying SQL statements

* Can approach this book as either an experienced Linux or Novell administrator * Even includes detailed intro to working with SUSE Linux, and related programs like RPM, YaST, and Samba * Contains all necessary information to prepare for the CLE certification

JBoss Seam represents the primary counter to the hot and successful Spring Framework and perhaps even Ruby on Rails framework. The open source lightweight Java EE 5 standards based JBoss Seam framework is a part of this second wave of open source lightweight Java that's taking place. This book aims to take advantage of this hot area. It gives an overview of Seam related JSF and EJB 3 as found in Java EE 5. It provides information on the tools to make development with Seam easier as well as a functioning in depth demo to truly learn how to use Seam. Tips and tricks to using Seam are also included.

Dreamweaver is a huge selling product with over 3 million users worldwide, and the new version, Dreamweaver CS3, promises to be just as popular, with new features such as Ajax support. The book is written by best selling Dreamweaver author David Powers. He presents a strictly practical, real world series of tutorials to teach aspiring and existing Dreamweaver users how to do everything they could possibly want to do in terms of CSS, PHP (bar far the most popular server-side language Dreamweaver supports, and the only one that is really used a great deal,) and Ajax web sites, from beginner to advanced topics.

Create and run a real-time, highly-available, and high-redundancy version of the world's most popular open-source database, MySQL. You will understand the advantages and disadvantages of the MySQL NDB Cluster solution, and when MySQL NDB Cluster is the right choice. Pro MySQL NDB Cluster walks you through the full lifecycle of a MySQL Cluster installation: starting with the installation and initial configuration, moving through online configuration and schema changes, and completing with online upgrades. Along the way, you will learn to monitor your cluster, make decisions about schema design, implement geographic replication, troubleshoot and optimize performance, and much more. This book covers the many programming APIs that are supported by MySQL NDB Cluster. There's also robust coverage of connecting to MySQL NDB Cluster from Java, SQL, memcached, and even from C++. From any of these languages, you'll be able to connect and store and retrieve data as your applications demand. The book: Covers MySQL NDB Cluster concepts and architecture Takes you through the MySQL NDB Cluster lifecycle from installation to upgrades Guides you through DBA and Developer decisions when working with MySQL NDB Cluster What You'll Learn Understand the shared-nothing architecture behind MySQL NDB Cluster Plan, install, and configure a MySQL NDB Cluster environment Perform everyday tasks such as backing up, restoring, and upgrading Develop applications from Java, memcached, C++, and SQL Troubleshoot and resolve application performance problems Master enterprise-level features such the MySQL NDB Cluster Manager Who This Book Is For Database administrators and developers who are looking into deploying MySQL NDB Cluster, or who already have a cluster in production and want to increase their knowledge and ability to handle routine administrative tasks and troubleshooting. The book also is for those developers wanting to employ MySQL NDB Cluster as their chosen storage engine from Java, memcached, and C++ applications.

The Fifth Edition of Sams Teach Yourself SQL in 21 Days More than 48,000 sold! In just one hour a day, you'll have all the skills you need to begin creating effective SQL queries, reports, and database applications. With this complete tutorial, you'll quickly master the basics and then move on to more advanced features and concepts: Quickly apply essential SQL techniques in useful, real-world queries Design trustworthy, high-performance databases Manipulate your data with views and transactions Leverage powerful features including stored procedures, triggers, and cursors Work with new objects introduced with the latest SQL standards Get practical, expert tips on implementing SQL in your business environment Learn on your own time, at your own pace No previous SQL or database experience required Learn techniques that work with any current version of SQL Discover how to write faster, more efficient queries Secure your data using best practices from experienced database administrators Build more powerful databases with features exclusive to Oracle SQL*Plus, Oracle PL/SQL, and Microsoft Transact-SQL Write queries for the free, open source MySQL database Embed your SQL code in other applications

From a review of the first edition: "Modern Data Science with R... is rich with examples and is guided by a strong narrative voice. What's more, it presents an organizing framework that makes a convincing argument that data science is a course distinct from applied statistics" (The American Statistician). Modern Data Science with R is a comprehensive data science textbook for undergraduates that incorporates statistical and computational thinking to solve real-world data problems. Rather than focus exclusively on case studies or programming syntax, this book illustrates how statistical programming in the state-of-the-art R/RStudio computing environment can be leveraged to extract meaningful information from a variety of data in the service of addressing compelling questions. The second edition is updated to reflect the growing influence of the tidyverse set of packages. All code in the book has been revised and styled to be more readable and easier to understand. New functionality from packages like sf, purrr, tidymodels, and tidytext is now integrated into the text. All chapters have been revised, and several have been split, re-organized, or re-imagined to meet the shifting landscape of best practice.

Master Drupal 8's new Twig templating engine to create fun and fast websites with simple steps to help you move from concept to completion About This Book Create beautiful responsive Drupal 8 websites using Twig Quickly master theme administration, custom block layouts, views, and the Twig template structure A step-by-step guide to the most common approaches in web design Who This Book Is For This book is intended for front-end developers, designers, and anyone who is generally interested in learning all the new features of Drupal 8 theming. Discover what has changed from Drupal 7 to Drupal 8 and immerse yourself in the new Twig PHP templating engine. Familiarity with HTML5, CSS3, JavaScript, and the Drupal Admin interface would be helpful. Prior experience with setting up and configuring a standalone development environment is required as we will be working with PHP and MySQL. What You Will Learn Navigate the Drupal 8 Admin interface Build custom block layouts with reusable and fieldable blocks Create subthemes based on the Bartik and Classy base themes Construct a responsive theme with Twitter Bootstrap Work with the new Twig PHP templating engine Configure Drupal for Twig debugging Enable preprocessing of Twig variables Develop a theme from scratch following a step-by-step project outline In Detail Drupal 8 is an open source content management system and powerful framework that helps deliver great websites to individuals and organizations, including non-profits, commercial, and government around the globe. This new release has been built on top of object-oriented PHP and includes more than a handful of improvements such as a better user experience, cleaner HTML5 markup, a new templating engine called Twig, multilingual capabilities, new configuration management, and effortless content authoring. Drupal 8 will quickly become the new standard for deploying content to both the web and mobile applications. However, with so many

new changes, it can quickly become overwhelming knowing where to start and how to quickly. Starting from the bottom up, we will install, set up, and configure Drupal 8. We'll navigate the Admin interface so you can learn how to work with core themes and create new custom block layouts. Walk through a real-world project to create a Twig theme from concept to completion while adopting best practices to implement CSS frameworks and JavaScript libraries. We will see just how quick and easy it is to create beautiful, responsive Drupal 8 websites while avoiding the common mistakes that many front-end developers make. Style and approach Drupal 8 Theming with Twig is intended for front-end developers, designers, and anyone who is generally interested in learning all the new features of Drupal 8 theming. Discover what has changed from Drupal 7 to Drupal 8 and immerse yourself in the new Twig PHP templating engine. Familiarity with HTML5, CSS3, JavaScript, and the Drupal Admin interface would be helpful. Prior experience with setting up and configuring a standalone development environment is required as we will be working with PHP and MySQL.

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 DuBois organizes his cookbook's recipes into sections on the problem, the solution stated simply, and the solution implemented in code and discussed. The implementation and discussion sections are the most valuable, as they contain the command sequences, code listings, and design explanations that can be transferred to outside projects.

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