

## Pro Mysql

Provides information on installing, using, managing, and extending a wiki using the MediaWiki.

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 you 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 and 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 connect 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 the first books available on the subject.

The combination of Linux, Apache, MySQL, and PHP is popular because of interaction, flexibility, customization, and-most importantly-the cost effectiveness of its components Helps LAMP professionals take their skills to the next level with in-depth discussions of the latest extensions of PHP such as PEAR, GD, XML, and CURL; improving site security; and advanced tools available to the coder Those proficient in other languages such as Java, C++, Perl and ASP will find this guide invaluable when transitioning to the LAMP environment This site includes sample scripts created in the course of each chapter, and several applications that can be modified and reused

Presents instructions on using MySQL, covering such topics as installation, querying, user management, security, and backups and recovery.

Professional LAMP

Beginning Php And Mysql From Novice To Professional: 3Rd Ed

MySQL Cookbook

Simple, yet Powerful Web Programming

Professional PHP5

\* 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.

\* One of the first books to cover MySQL 5 in depth \* Foregos 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

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.

Oracle Certified Professional Java SE 7 Programmer Exams 1Z0-804 and 1Z0-805 is a concise, comprehensive, step-by-step, and one-stop guide for the Oracle Certified Professional Java SE 7 Programmer Exam. The first two chapters set the stage for exam preparation and let the reader get started quickly. The first chapter answers frequently asked questions about the OCPJP exam. This book assumes that the reader is already familiar with Java fundamentals which is in line with the prerequisite of having a OCAJP certification. The book sports considerable supportive material to help the reader in effective exam preparation in the form of appendices: 2 mock tests to give the reader a sense of a real-exam. An instant refresher summarizing the most important concepts (with tips on answering questions) to revise just before the exam. This book will be a delectable read for any OCPJP aspirant because of its simple language, example driven approach, and easy-to-read style. Further, given its 100% focus on the exam and helpful supportive material, this book is clearly an attractive buy to OCPJP aspirants worldwide.

Professional NoSQL

Pro Linux System Administration

Professional Website Performance

Linux, Apache, MySQL and PHP5 Web Development

Lasso Professional 5 Developer's Guide

**ADO.NET revolutionized the way data was accessed through SQL Server, Oracle, and MySQL. With Microsoft's release of ADO.NET 2, ADO and the .NET Framework are integrated with SQL Server for the first time-enabling you to program .NET applications directly within the SQL Server database. Packed with sample code and recommended best practices for using ADO.NET 2, this code-intensive book explores the new data types that are available in the 2.0 Framework and discusses the appropriate time and way to use them. You'll learn how to make repetitive, mundane tasks much simpler and you'll walk away with a solid foundation for developing database-driven applications. What you will learn from this book The basics of creating a connection, executing a query, and returning a result Best uses for Oracle in the ADO.NET Framework The many new features that are available for XML How to use the full text search capabilities of Microsoft(r) SQL Server 2005 Methods for retrieving data and presenting it in various ways Why MySQL is a viable option for data storage Who this book is for This book is for experienced database developers who want to learn the latest release of ADO.NET 2.0. Knowledge of ADO.NET 1.0, general .NET development, and Microsoft SQL Server is necessary. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.**

**PHP is rapidly becoming the language of choice for dynamic Web development, in particular for e-commerce and on-line database systems. It is open source software and easy to install, and can be used with a variety of operating systems, including Microsoft Windows and UNIX. This comprehensive manual covers the basic core of the language, with lots of practical examples of some of the more recent and useful features available in version 5.0. MySQL database creation and development is also covered, as it is the developer database most commonly used alongside PHP. It will be an invaluable book for professionals wanting to use PHP to develop their own dynamic web pages. Key Topics: - Basic Language Constructs - Manipulating Arrays and Strings - Errors and Buffering - Graphic Manipulation - PDF Library Extension - MySQL Database Management - Classes and Objects Concepts Features and Benefits: Explains how to use PHP to its full extent - covering the latest features and functions of PHP version 5.0, including the use of object-oriented programming Describes how to link a database to a web site, using the MySQL database management system Shows how to connect PHP to other systems and provides many examples, so that you can create powerful and dynamic web pages and applications Contains lots of illustrated, practical, real-world examples - including an e-commerce application created in PHP using many of the features described within the book The scripts used in the examples are available for download from www.phpmysql-manual.com**

**Essential SQL fast provides a comprehensive guide to SQL, using the Windows-based version of MySQL. MySQL is a freely available, multi-platform database management system, making it ideal for learning the techniques and concepts of database design. Using numerous worked examples and illustrations, Matthew Norman describes how to set up the database management system MySQL. In doing so he covers various topics, including: installing and testing MySQL; using the graphical tools; database design techniques and concepts; retrieving, changing and deleting data; and how to make other products communicate with MySQL.**

**MySQL remains one of the hottest open source database technologies. As the database has evolved into a product competitive with proprietary counterparts like Oracle and IBM DB2, MySQL has found favor with large scale corporate users who require high-powered features and performance. Expert MySQL is the first book to delve deep into the MySQL architecture, showing users how to make the most of the database through creation of custom storage handlers, optimization of MySQL's query execution, and use of the embedded server product. This book will interest users deploying MySQL in high-traffic environments and in situations requiring minimal resource allocation.**

**Beginning PHP and MySQL**

**Database Design Manual: using MySQL for Windows**

**Beginning MySQL Database Design and Optimization**

**Effective MySQL Optimizing SQL Statements**

**Pro PHP and MySQL**

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.

Explains how to build Web database applications with the PHP scripting language and the MySQL database.

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. This is the fully updated new edition of the popular work that shows readers how to create e-commerce websites using two of the world's most popular technologies: the PHP scripting language and MySQL database. In addition to guiding readers through the creation of a working website using sound enterprise development techniques, the authors take care to provide readers with a variety of alternative implementation solutions. The book has also been updated to reflect the latest development trends, showing readers how to upgrade their shopping cart using Ajax, integrate with Amazon's Web services, and encourage customer feedback through cutting-edge interactive features.

Pro MySQL NDB Cluster

Expert MySQL

Getting started with php & mysql

Beginning PHP 5 and MySQL E-Commerce

The Definitive Guide to MySQL 5

\* Shows how to take advantage of MySQL's built-in functions, minimizing the need to process data once it's been retrieved from the database. \* Demonstrates how to write and use advanced and complex queries to cut down on (middleware) application logic, including nested sub-queries and virtual tables (added since MySQL 4.1). \* Points out database design do's and don'ts, including many real-world examples of bad database designs and how the databases were subsequently improved. \* Includes a review of MySQL fundamentals and essential theory, such as naming conventions and connections, for quick reference purposes.

Welcome to learning PHP and MySQL. This book is intended for all those who wish to code in PHP to handle data in a server-side context. You will discover how the language is structured through its organization : keywords, variables, loops, conditional expressions as well as functions. You will answer to a form that sends information to a server, thanks to the superglobal variables. With PHP, you can manage a MySQL database with the PHPMyAdmin tool. But you can also program with procedural MySQLi or object-oriented PDO functions. Feel free to test all the exercises of this book to immerse yourself better inside the syntax and the many instructions. Enjoy your reading. ABOUT THE AUTHOR R é m y Lentzner has been an IT trainer since 1985. Specialized in mastering office automation tools, he supports companies in the professional training of their employees. Self-taught, he has twenty computer books to his credit.

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?"

Pro MySQLAppress

Beginning PHP and MySQL 5

Professional Hadoop

Design and Development

PHP and MySQL Manual

MySQL Stored Procedure Programming

*The professional's one-stop guide to this open-source, Java-based big data framework Professional Hadoop is the complete reference and resource for experienced developers looking to employ Apache Hadoop in real-world settings.*

*Written by an expert team of certified Hadoop developers, committers, and Summit speakers, this book details every key aspect of Hadoop technology to enable optimal processing of large data sets. Designed expressly for the professional developer, this book skips over the basics of database development to get you acquainted with the framework's processes and capabilities right away. The discussion covers each key Hadoop component individually, culminating in a sample application that brings all of the pieces together to illustrate the cooperation and interplay that make Hadoop a major big data solution. Coverage includes everything from storage and security to computing and user experience, with expert guidance on integrating other software and more. Hadoop is quickly reaching significant market usage, and more and more developers are being called upon to develop big data solutions using the Hadoop framework. This book covers the process from beginning to end, providing a crash course for professionals needing to learn and apply Hadoop quickly. Configure storage, UE, and in-memory computing Integrate Hadoop with other programs including Kafka and Storm Master the fundamentals of Apache Big Top and Ignite Build robust data security with expert tips and advice Hadoop's popularity is largely due to its accessibility. Open-source and written in Java, the framework offers almost no barrier to entry for experienced database developers already familiar with the skills and requirements real-world programming entails. Professional Hadoop gives you the practical information and framework-specific skills you need quickly.*

*Beginning PHP and MySQL: From Novice to Professional, Fifth Edition is a major update of W. Jason Gilmore's authoritative book on PHP and MySQL. The latest edition includes detailed instructions for configuring the ultimate PHP and MySQL development environment on all major platforms, complete coverage of the latest additions and improvements to the PHP language, coverage of the Composer dependency manager, and thorough introductions to MySQL's most relied-upon features. 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. Authors Jason Gilmore and Massimo Nardone draw upon more than fifteen years of experience working with these technologies to pack 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. Some of the book's highlights include: Detailed instructions regarding installing PHP, MySQL and several popular web servers A thorough introduction to the PHP language, including its string handling, networking, forms processing, and object-oriented features An extensive overview of MySQL's fundamental features, including supported data types, database management syntax, trigger, view, stored routine syntax, and import/export capabilities Hundreds of examples demonstrating countless facets of PHP and MySQL integration*

*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.*

*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*

*Optimizing the Front-End and Back-End*

*Programming with SQL Server 2005, Oracle, and MySQL*

*A Comprehensive OCPJP 7 Certification Guide*

*Learning MySQL*

*Professional ADO.NET 2*

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.

\* PHP is an open-source server-side scripting language, with millions of users worldwide. It is more popular than Microsoft's ASP and ASP.NET. Version 5, out before the end of Q2 of 2004, features new OO-programming capabilities. \* MySQL is the most popular open source RDBMS. \* There are a lot of E-commerce elements, such as credit card transaction processing, that are not easy to learn. This book will provide solid e-commerce solutions for PHP and MySQL developers. \* This will be a good companion book to Apress' 1893115518 Beginning PHP 5 and MySQL: From Novice to Professional by W.J. Gilmore. 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.

\* 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.

Beginning Asp.Net 1.1 Databases: From Novice To Professional

Professional WordPress

From Novice to Professional

MySQL Programming Professional Made Easy & JavaScript Professional Programming Made Easy with Stored Procedures, Functions, Triggers, Aggregates, and Types

*"This book is for professional Java developers who already know how to build sophisticated applications and have at least a general familiarity with databases, Java application development, and Web development. No prior experience with Hibernate is required."*--BOOK JACKET.

*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.*

*What is this book about? The Apache Software Foundation's Jakarta Struts remains the most popular Java framework for building enterprise-level Web applications. In the first book to cover the extensive new features of the final release of Struts 1.1, the authors present the technical and conceptual information you need to design, build, and deploy sophisticated Struts 1.1 applications. What does this book cover? This book covers everything you need to know about Struts and its supporting technologies, including JSPs, servlets, Web applications, the Jakarta-Tomcat JSP/servlet container, and much more. Here are just a few of the things you'll find in this book: The Jakarta Struts Model 2 architecture and its supporting components How to get started with Struts and build your own components How to work with the Commons Validator, ActionForms, and DynaActionForms Techniques for customizing the Controller Ways to maximize your presentation pages with Tiles How to internationalize your Struts applications Tips for managing errors and debugging Struts applications Who is this book for? This book is for Java developers who want to build sophisticated, enterprise-level Web applications using the final production release of Struts 1.1.*

*Achieve optimal website speed and performance with this Wrox guide Effective website development requires optimum performance with regard to both web browser and server. This book covers all aspects of building and maintaining websites that deliver peak performance on all levels. Exploring both front-end and back-end configuration, it examines factors like compression and JavaScript, database performance, MySQL tuning, NoSQL alternatives, load-balancing across multiple servers, effective caching of web contents, CSS, and much more. Both developers and system administrators will find value in this platform-neutral guide. Covers essential information for creating and maintaining websites that deliver peak performance on both front end and back end Explains how to configure front-end performance related to the web browser and how to speed up communication between server and browser Topics include MySQL tuning, NoSQL alternatives, CSS, JavaScript, and web images Explores how to minimize the performance penalties of SSL; load-balancing across multiple servers with Apache, Nginx, and MySQL; and effective caching and compression of web contents Professional Website Performance: Optimizing the Front End and Back End offers essential information to help both front-end and back-end technicians ensure better website performance.*

Professional Jakarta Struts

MySQL Administrator's Bible

Php 6 And Mysql 5 For Dynamic Web Sites: Visual Quick Pro Guide

Drupal 8 Theming with Twig

Beginning PHP 5 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

The highly praised resource returns with updated content, examples, and code downloads WordPress is the most popular self-hosted open source website software in use today, and the latest version makes it even simpler to operate. Packed with real-world examples for load balancing and multiusers, this esteemed resource replaces some of the more basic material with more advanced content. Every single chapter has been reworked to provide the most current and proper methods for developing and designing in WordPress. Coverage of HTML5, CSS3, and JavaScript and new chapters on custom post types, custom taxonomies, Multisite, and extensions of themes bring the content of this book completely up-to-date and provides you with all you need to deploy successful WordPress sites. Offers an overview of the WordPress system and describes what happens when a WordPress-generated web page is displayed Demonstrates extending WordPress through plugins and customizing it via themes Combines a developer view of user experience and optimization with the deployment requirements for performance, security, and measurement Includes code downloads and code samples from the book's website You'll be hard pressed to find a reliable resource with more advanced content than Professional WordPress, Second Edition!

Beginning PHP and MySQL: From Novice to Professional, Third Edition offers a comprehensive introduction to two of the most prominent open source technologies on the planet: the PHP scripting language and the MySQL database server. Updated to introduce the features found in MySQLs most significant release to date, readers learn how to take advantage of the latest features of both technologies to build powerful, manageable, and stable web applications. Essentially three books in one, readers not only profit from extensive introductions to the core features of each technology, but also learn how to effectively integrate the two in order to build robust data-driven applications. Packed with practical examples and insight into the real-world challenges faced by developers based on author W. Jason Gilmore's 7 years of expertise working with these technologies, readers will repeatedly return to this book as both a valuable instructional tool and reference guide.

A hands-on guide to leveraging NoSQL databases NoSQL databases are an efficient and powerful tool for storing and manipulating vast quantities of data. Most NoSQL databases scale well as data grows. In addition, they are often malleable and flexible enough to accommodate semi-structured and sparse data sets. This comprehensive hands-on guide presents fundamental concepts and practical solutions for getting you ready to use NoSQL databases. Expert author Shashank Tiwari begins with a helpful introduction on the subject of NoSQL, explains its characteristics and typical uses, and looks at where it fits in the application stack. Unique insights help you choose which NoSQL solutions are best for solving your specific data storage needs. Professional NoSQL: Demystifies the concepts that relate to NoSQL databases, including column-family oriented stores, key/value databases, and document databases. Delves into installing and configuring a number of NoSQL products and the Hadoop family of products. Explains ways of storing, accessing, and querying data in NoSQL databases through examples that use MongoDB, HBase, Cassandra, Redis, CouchDB, Google App Engine Datastore and more. Looks at architecture and internals. Provides guidelines for optimal usage, performance tuning, and scalable configurations. Presents a number of tools and utilities relating to NoSQL, distributed platforms, and scalable processing, including Hive, Pig, RRDtool, Nagios, and more.

Beginning PHP and MySQL E-Commerce

Building High-Performance Web Applications in MySQL

Professional SQL Server 2005 CLR Programming

Professional Wikis

**What is this book about? With the release of PHP 5 and the Zend Engine 2, PHP finally graduates from its earliest days as a lightweight scripting syntax to a powerful object oriented programming language that can hold its own against the Java and .NET architectures that currently dominate corporate software development. This book has a pragmatic focus on how to use PHP in the larger scheme of enterprise-class software development. What does this book cover? Unlike Java or .NET, there is little discussion of the application of design patterns, component architectures, and best-practices to the development of applications using PHP. Software written in the absence of this sort of higher-order architecture will never be able to match the robust frameworks that Java and .NET ship with out of the box. This book addresses this issue by covering the following material: Part 1 discusses the OO concepts that were initially explored in Beginning PHP 5 and a demonstration of how to implement them in PHP 5. This section also covers UML modeling and provides a brief introduction to project management techniques that are covered in more depth in Part 4. Parts 2 and 3 present objects and object hierarchies that, when completed, comprise a robust toolkit that developers will be able to reuse on future projects. These chapters are designed to arm the professional PHP developer with the sort of constructs that are available out of the box with platforms such as Java and .NET — from simple utility classes like Collection and Iterator, to more complex constructs like Model/View/Controller architectures and state machines. Part 4 shows how to use the toolkit from Parts 2 and 3 to create real-world applications. We look at the development of a robust contact management system that will leverage the componentry and concepts already discussed and introduce project management and software architecture concepts that enable developers to accurately identify business requirements, design scalable, extensible platforms, and handle change management effectively. It covers the waterfall and spiral project management paradigms and include a discussion on eXtreme Programming and other approaches to software development. The Appendices include an extended discussion on the effective use of CVS, introduce the Zend Studio IDE and related tools, and discuss performance tuning and scalability.**

**SQL Server 2005 offers the capability to write code in a .NET language that can be compiled and run inside SQL Server. CLR Integration, or SQL CLR, lets you create stored procedures, user-defined types, triggers, table valued functions, and aggregates using a .NET managed language. You can read and write to resources outside of SQL Server and enjoy a tighter integration with XML, web services, and simple file and logging capabilities. Here's the reference you'll want on your desk as you develop SQL CLR solutions. It helps you decide whether to use SQL CLR, how to lock down security, and learn from real examples. If you want to develop stored procedures or other objects in .NET for SQL Server 2005, this book offers exactly what you need. What you will learn from this book The concepts and architecture of SQL CLR Uses of .NET namespaces in SQL Server programming tasks How to develop and benchmark routines in T-SQL and .NET to determine when CLR-based solutions are advantageous How to replace extended stored procedures using SQL CLR stored procedures How to use SQL CLR objects in external applications How to restrict and secure SQL CLR object capabilities Processes and procedures for deploying SQL CLR objects Who this book is for This book is for developers and architects who are familiar with .NET concepts as well as DBAs who, although developers in their own right, may be slightly less up to date on .NET. A solid grounding in T-SQL is necessary. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education in new technologies, all designed to help programmers do a better job.**

**With special focus on the next major release of MySQL, this resource provides a solid framework for anyone new to MySQL or transitioning from another database platform, as well as experience MySQL administrators. The high-profile author duo provides essential coverage of the fundamentals of MySQL database management—including MySQL's unique approach to basic database features and functions—as well as coverage of SQL queries, data and index types, stores procedure and functions, triggers and views, and transactions. They also present comprehensive coverage of such topics as MySQL server tuning, managing storage engines, caching, backup and recovery, managing users, index tuning, database and performance monitoring, security, and more.**

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