Pro Php Application Performance Tuning Php Web Projects For Maximum Performance Experts Voice In Open Source

What is this book about? With the release of PHP 5 and the Zend Engine 2, PHP finally graduates from it earliest days as a lightweight scripting syntax to an 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.

Pro PHP Application Performance will help you understand all the technologies and components which play a role in how well your applications run. When seconds can mean the difference between retaining a user and losing a user, it's important for all of us to have optimization as part of our project roadmap. But what components within your application should you analyze? How should you optimize? And how can you measure how well your application is performing? These are some of the questions that are answered in this book. Along the way you will also learn the "why" of optimizing. You'll discover why you should optimize a specific component, why selecting one function over another is beneficial, and how to find and use the optimization tools available to the open source community. You'll also learn how to deploy caching software as well as web server software. Pro PHP Application Performance will also teach you more advanced techniques, such as: • Using Xdebug to profile functions that are not running as efficiently as possible. • Comparing opcode executed by different PHP functions to narrow the search for functions that run efficiently. • Using strace to analyze Apache while your application is served to the user. Once you complete this book you will have a complete sense of where to start optimizing and, most importantly, have the tools which allow you to continue optimizing in other PHP applications going forward.

Explains how to use the open source scripting language to process and validate forms, track sessions, generate dynamic images, create PDF files, parse XML files, create secure scripts, and write C language extensions.

Offers tips and techniques for optimizing website performance by configuring front-end performance related to the web browser and the back-end for speeding up the communication between the server and the browser.

Pro MySQL

In-Depth Advice for Tuning and Programming Java 8, 11, and Beyond

Professional Joomla!

Professional LAMP

Professional IIS 7

Professional WordPress

* *PHP has exploded in popularity, and is now starting to make inroads into large-scale business-critical Web system *So far, little has been written about how to scale PHP applications to the enterprise level *Schlossnagle fills this vo providing the definitive guide to developing PHP applications for performance, stability, and extensibility

Beginning PHP and MySQL E-Commerce: From Novice to Professional, Second Edition covers every step of the design and building process involved in creating powerful, extendable e–commerce web sites. Based around a real–world example involving a web site selling t–shirts, you'll learn how to create and manage a product catalog, build and integrate a shopping cart, and process customer accounts and PayPal/credit card transactions. With the e–commerce framework in place, authors Emilian Balanescu and Cristian Darie show you how to integrate advanced features sure set your web site apart from the competition. You'll learn how to expand your catalog using Amazon Web Services, optimize the web site for the search engines, and take advantage of Ajax to build an even more user–friendly shopping cart. Other highlights: The authors show you how to build a complex, extendable e–commerce web site using sound development practices This second edition has been updated to take advantage of a more flexible templating system and new chapters cover Ajax integration and search engine optimization The text goes beyond basic product and customer management, showing you how to integrate product reviews, process payments using both credit cards a PayPal, and expand your web site catalog using third–party services such as Amazons affiliate program What you'll learn Build an extensible e–commerce web site using sound development techniques Increase sales through proven

techniques such as cross–selling, upselling, and enhancing customer service offerings Expand your product and serv offerings by integrating with reseller programs such as Amazon Affiliates via XML web services Take advantage of search engine optimization techniques to make your web site more easy to find Who this book is for This book was written for individuals seeking to build e–commerce web sites using the PHP language and MySQL database.

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 le in-depth discussions of OOP; 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 t guide invaluable when transitioning to the LAMP environment The Web site includes sample scripts created in the c of each chapter, and several applications that can be modified and reused

In this book you will find both examples and theoretical concepts covered. Every recipe is based on a script/procedu explained step-by-step, with screenshots, while theoretical concepts are explained in the context of the recipe, to e why a solution performs better than another. This book is aimed at software developers, software and data archite and DBAs who are using or are planning to use the Oracle Database, who have some experience and want to solve performance problems faster and in a rigorous way. If you are an architect who wants to design better applications DBA who is keen to dig into the causes of performance issues, or a developer who wants to learn why and where t application is running slow, this is the book for you. Basic knowledge of SQL language is required and general knowl of the Oracle Database architecture is preferable.

Advanced PHP Programming

Pro PHP

Web Publishing with PHP and FileMaker 9 (Adobe Reader)

Beginning PHP and MySQL

Java Performance Tuning

Linux, Apache, MySQL and PHP5 Web Development

This IBM® Redbooks® publication provides a technical overview of the features, functions, and enhancements available in IBM i 7.1, including all the Technology Refresh (TR) levels from TR1 to TR7. It provides a summary and brief explanation of the many capabilities and functions in the operating system. It also describes many of the licensed programs and application development tools that are associated with IBM i. The information provided in this book is useful for clients, IBM Business Partners, and IBM service professionals who are involved with planning, supporting, upgrading, and implementing IBM i 7.1 solutions.

Pro PHP Application PerformanceTuning PHP Web Projects for Maximum PerformanceApress

PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable component libraries. Author Josh Lockhart—creator of PHP The Right Way, a popular initiative to encourage PHP best practices—reveals these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVVM and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

Coding and testing are generally considered separate areas of expertise. In this practical book, Java expert Scott Oaks takes the approach that anyone who works with Java should be adept at understanding how code behaves in the Java Virtual Machine—including the tunings likely to help performance. This updated second edition helps you gain in-depth knowledge of Java application performance using both the JVM and the Java platform. Developers and performance engineers alike will learn a variety of features, tools, and processes for improving the way the Java 8 and 11 LTS releases perform. While the emphasis is on production-supported releases and features, this book also features previews of exciting new technologies such as ahead-of-time compilation and experimental garbage collections. Understand how various Java platforms and compilers affect performance Learn how Java garbage collection works Apply four principles to obtain best results from performance testing Use the JDK and other tools to learn how a Java application is performing Minimize the garbage collector's impact through tuning and programming practices Tackle performance issues in Java APIs Improve Java-driven database application performance

Java Performance

Professional NoSQL

IBM i 7.1 Technical Overview with Technology Refresh Updates

Programming PHP

Application Development Strategies for Performance Optimization, Concurrency, Testability, and Code Brevity

A Developer's Guide to SEO

Bring the power of functional programming to your PHP applications. From performance optimizations to concurrency, improved testability to code brevity, functional programming has a host of benefits when compared to traditional imperative programming. Part one of Pro Functional PHP Programming takes you through the basics of functional programming, outlining the key concepts and how they translate into standard PHP functions and code. Part two takes this theory and shows you the strategies for implementing it to solve real problems in your new or existing PHP applications. Functional programming is popular in languages such as Lisp, Scheme and Clojure, but PHP also contains all you need to write functional code. This book will show you how to take advantage of functional programming in your own projects, utilizing the

PHP programming language that you already know. What You'll Learn Discover functional programming in PHP Work with functional programming functions Design strategies for high-performance applications Manage business logic with functions Use functional programming in object-oriented and procedural applications Employ helper libraries in your application Process big data with functional PHP Who This Book Is For Programmers and web developers with experience of PHP who are looking to get more out of their PHP coding and be able to do more with PHP.

The latest on SQL databases SQL All -In-One For Dummies, 3rd Edition, is a one-stop shop for everything you need to know about SQL and SQL-based relational databases. Everyone from database administrators to application programmers and the people who manage them will find clear, concise explanations of the SQL language and its many powerful applications. With the ballooning amount of data out there, more and more businesses, large and small, are moving from spreadsheets to SQL databases like Access, Microsoft SQL Server, Oracle databases, MySQL, and PostgreSQL. This compendium of information covers designing, developing, and maintaining these databases. Cope with any issue that arises in SQL database creation and management Get current on the newest SQL updates and capabilities Reference information on querying SQL-based databases in the SQL language Understand relational databases and their importance to today's organizations SQL All-In-One For Dummies is a timely update to the popular reference for readers who want detailed information about SQL databases and queries.

Why is PHP the most widely used programming language on the web? This updated edition teaches everything you need to know to create effective web applications using the latest features in PHP 7.4. You'll start with the big picture and then dive into language syntax, programming techniques, and other details, using examples that illustrate both correct usage and common idioms. If you have a working knowledge of HTML, authors Kevin Tatroe and Peter MacIntyre provide many style tips and practical programming advice in a clear and concise manner to help you become a top-notch PHP programmer. Understand what's possible when you use PHP programs Learn language fundamentals, including data types, variables, operators, and flow control statements Explore functions, strings, arrays, and objects Apply common web application techniques, such as form processing, data validation, session tracking, and cookies Interact with relational databases like MySQL or NoSQL databases such as MongoDB Generate dynamic images, create PDF files, and parse XML files Learn secure scripts, error handling, performance tuning, and other advanced topics Get a quick reference to PHP core functions and standard extensions

If you are a web programmer, you need to know modern PHP. This book presents with many new areas in which PHP plays a large role. If you want to write a mobile application using geo-location data, Pro PHP Programming will show you how. Additionally, if you need to make sure that you can write a multilingual indexing application using Sphinx, this book will help you avoid the pitfalls. Of course, Pro PHP Programming gives a thorough survey of PHP post-5.3. You'll begin by working through an informative survey and clear guide to object-oriented PHP. Then, you'll be set for the core of the book on modern PHP applications. Now, you'll be able to start with the chapter on PHP for mobile programming and move on to sampling social media applications. You'll also be guided through new PHP programming language features like closures and namespaces. Pro PHP Programming deals with filtering data from users and databases next, so you'll be well prepared for relational and NoSQL databases. Of course, you can also learn about data retrieval from other sources, like OCR libraries or websites. Then the question of how to format and present data arises, and in Pro PHP Programming, you'll find solutions via JSON, AJAX and XML.

PRO PHP MULTIM,

Oracle Embedded Programming and Application Development

PRO PHP PROG,

Pro PHP Programming

Middleware 2008

Troubleshooting Oracle Performance, 2nd Edition is your systematic guide to diagnosing and resolving performance problems in database-backed applications involving Oracle's database engine. Christian Antognini brings a decade and a half experience to his topic. His first edition is one of the most well-respected books in its field. This second edition has been rigorously updated to cover the latest developments in Oracle Database 11g Release 2 through Oracle Database 12c. What do you do when your database application isn't running fast enough? You troubleshoot, of course. Finding the slow part of an application is often the easy part of the battle. It's finding a solution that's difficult. Troubleshooting Oracle Performance, 2nd Edition helps by providing a systematic approach to addressing the underlying causes of poor database application performance. The author freely shares his experience while explaining the underlying foundations of how SQL statements are executed by the Oracle database engine. You'll be able to draw a solid foundation of theory and shared experience as you face head-on the performance challenges in your daily work. Written for developers by an application developer who has learned by doing Gives a systematic approach to solving database application performance problems Helps you plan for performance as you would for any other application requirement

As the first update to Microsoft's server operating system in nearly five years, Windows Server 2008 boasts the new Internet Information Services 7.0 (IIS 7), which is the largest departure from previous versions of IIS ever. Written by an author team that includes four Microsoft MVPs, this book shows you how to take advantage of these exciting new features of IIS 7. With a clear understanding of IIS 7, you'll learn to deploy, install, monitor, manage, and secure an IIS environment with confidence and ease. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This volume contains the proceedings of the International Middleware Con- rence, held in Leuven, Belgium during December 1–4, 2008. This year marked the ninth rendition of this annual conference in its current format initially - opted in 1998, aspiring to serve as the premier venue focusing exclusively on important middleware results. A lot has happened over the intervening 10-year span. Middleware has become pervasive in an increasingly interconnected world, with its concepts now securely embedded in the notional architectures driving forward the information age. The conference continues to be a focal point for important new initiatives and results for new generations of middleware. With each succeeding year, it has become an even more competitive publishing venue, further extending its selectivity this year as well. Of the 117 submissions, - ly 21 were able to receive acceptance invitations, for an acceptance rate of less than18%. Competitiveindeed. Additionally,thesesubmissionscontinuetocome from all over the globe, spanning authors from 23 countries. A truly world-wide endeavor. But other things have also changed as we turn the corner on the ?rst decade of this conference. In many ways, middleware has achieved signi?cant success where it really counts: in terms of technical innovations, advanced capabilities, successful ideas, and ?elded systems which permeate society, industry, gov- nment, and academia. With this success comes maturity.

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.
From Novice to Professional
Troubleshooting Oracle Performance
Tuning PHP Web Projects for Maximum Performance
Professional PHP5
Design and Development
Professional Microsoft IIS 8
* 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 publication covers middle-tier programming with PHP, a server-side, HTML-embedded scripting language. It features: practical experience and techniques, definitive coverage of core PHP language and database addressing, and LDAP connectivity addressing.
Stellar author team of Microsoft MVPs helps developers and administrators get the most out of Windows IIS 8 If you're a developer or administrator, you'll want to get thoroughly up to speed on Microsoft's new IIS 8 platform with this complete, in-depth reference. Prepare yourself to administer IIS 8 in not only commercial websites and corporate intranets, but also the mass web hosting market with this expert content. The book covers common administrative tasks associated with monitoring and managing an IIS environment--and then moves well beyond, into extensibility, scripted admin, and other complex topics. The book highlights automated options outside the GUI, options that include the PowerShell provider and AppCmd tool. It explores extensibility options for developers, including ISAPI and HTTPModules. And, it delves into security protocols and high availability/load balancing at a level of detail that is not often found in IIS books. Author team includes Microsoft MVPs and an IIS team member Covers the management and monitoring of Microsoft Internet Information Services (IIS) 8 for administrators and developers, including MOF and MOM Delves into topics not often included in IIS books, including using the PowerShell provider and AppCmd tool and other automated options, and extending IIS 8 with ISAPI or HTTPModules Explores security issues in depth, including high availability/load balancing, and the Kerberos, NTLM, and PKI/SSL protocols Explains how to debug and troubleshoot IIS Professional Microsoft IIS 8 features a wealth of information gathered from individuals running major intranets and web hosting facilities today, making this an indispensible and real-world reference to keep on hand. Covers topics including installation, configuration, sorting, database design, transaction performance, security, Perl, PHP scripting, and Java.
Oracle Database 11gR2 Performance Tuning Cookbook
Over 80 Recipes to Help Beginners Achieve Better Performance from Oracle Database Applications
Pro PHP Application Performance
Professional Search Engine Optimization with PHP
MSDN Magazine
Beginning PHP and MySQL E-Commerce
This is the third edition of the highly practical work that 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. In this incarnation, W. Jason Gilmore's book has been updated to cover the new features in PHP as that language makes the very significant jump from version 5 to version 6. 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. The book is packed with practical examples and insight into the real-world challenges faced by developers.
* 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
Professional PHP4 Multimedia Programming covers a broad range of information relating to some of the most popular PHP4 extension libraries, specifically those that can be used to create, modify, or deliver multimedia content. The book is split into three parts - the extensions, the case studies, and the function reference - that way developers looking for descriptions without large amounts of code can read the beginning, those looking to just read case studies have a definite place to start, and those who want to keep it by their side for reference know exactly where to go. Who is this book for? The target audience for this book generally falls into three categories. Firstly, this book provides a rare source of information for intermediate to expert PHP developers who are looking to extend their knowledge further and want detailed information about every aspect of the library. Secondly, this book can be used as the first port of call for PHP developers wanting immediate knowledge of a specific extension library and its use in the real world. Lastly, we also believe that this book will be of interest to those researching the capabilities of PHP when weighing up server-side languages for a potential project. What does this book cover? * A PHP refresher with coverage of object-oriented PHP concepts * Installing the PHP extension libraries covered in the book * Adding dynamicity and interactivity to Flash movies with Ming and ActionScript * Manipulating images with GD * Creating images with ImageMagick * Creating PDFs with PDFLib and sending data to and from PDF forms using FDF * Creating a Headline Grabber using Ming with ActionScript * Creating a Coffee Shop Finder that automatically generates images optimized for PDA and WAP sites using GD functions and the HAWHAW PHP class * Designing a fully-functional Image Gallery using the ImageMagick class library * Creating a general-purpose PDF Template System using PDFLib
Helps readers eliminate performance problems, covering topics including bottlenecks, profiling tools, strings, algorithms, distributed systems, and servlets.

Managing & Using MySQL

Dr. Dobb's Journal of Software Tools for the Professional Programmer

Pro Functional PHP Programming

ACM/IFIP/USENIX 9th International Middleware Conference Leuven, Belgium, December 1-5, 2008 Proceedings

Professional PHP Design Patterns

SQL All-in-One For Dummies

Provides informaton on using the open source content management system used to manage data on the World Wide Web, covering such topics as creating Joomla! expressions, using Ajax technology, and adopting design patterns, and incorporating source code control.

Performance is one of the main issues that every administrator faces at one point or another. This book will help you to identify and mitigate it. The book starts with an introduction to Zabbix and the most common mistakes that are usually overlooked while deploying it. You will discover the importance of an impressive and easy-to-use front-end and how to develop one, along with comparisons between Apache, Ngnix, and lighttpd web servers. Storage, as an important aspect of every deployment, is covered and you will be shown how to choose the right storage system for you and configure it to suit your deployment. Towards the end of the book, you will walk through the intricacies of the operating system; the final piece of the puzzle that holds all the components together. You will then dive into advanced topics including using a specific piece of hardware for each of the components, the Zabbix proxy, and firewall settings. By the end of the book, you will be able to tune your Zabbix implementation to achieve maximum performance.

The highest rated WordPress development and design book on themarket is back with an all new third edition. Professional WordPress is the only WordPress booktargeted to developers, with advanced content that exploits thefull functionality of the most popular CMS in the world. Fullyupdated to align with WordPress 4.1, this edition has updatedexamples with all new screenshots, and full exploration ofadditional tasks made possible by the latest tools and features.You will gain insight into real projects that currently useWordPress as an application framework, as well as the basic usageand functionality of the system from a developer's perspective. Thebook's key features include detailed information and real-worldexamples that illustrate the concepts and techniques at work, pluscode downloads and examples accessible through the companionwebsite. Written by practicing WordPress developers, the content ofthis edition focuses on real world application of WordPressconcepts that extend beyond the current WordPress version. WordPress started in 2003 with a single bit of code to enhancethe typography of everyday writing, and has grown to be the largestself-hosted website platform in the world. This book helps you useWordPress efficiently, effectively, and professionally, with newideas and expert perspectives on full system exploitation. Get up to speed on the new features in WordPress 4.1 Learn cutting edge uses of WordPress, including real-worldprojects Discover how to migrate existing websites to WordPress Understand current best practices and tools in WordPressdevelopment WordPress was born out of a desire for an elegant,well-architected personal publishing system built on PHP and MySQL,and has evolved to be used as a full content management systemthrough thousands of plugins, widgets, and themes. ProfessionalWordPress is the essential developer's guide to thismultifunctional system.

Pro PHP presents experienced developers with a thorough guide to the language's key advanced features, focusing on both recent and emerging features and development trends. Advanced object-oriented features, documentation, debugging, software patterns, and the Standard PHP Library are just a few of the topics covered in extensive detail. Author and noted PHP expert Kevin McArthur also examines emerging practices and trends such as the MVC architecture as applied to PHP, with special emphasis placed upon the increasingly popular Zend Framework. The book also covers JSON, the SOAP extension, and advanced web services topics.

New Features and Good Practices

Modern PHP

Open Source SQL Databases for Managing Information & Web Sites

Creating Dynamic Web Pages

Patterns, Frameworks, Testing and More

Professional Website Performance

This book is broken into four primary sections addressing key topics that Linux programmers need to master: Linux nuts and bolts, the Linux kernel, the Linux desktop, and Linux for the Web Effective examples help get readers up to speed with building software on a Linux-based system while using the tools and utilities that contribute to streamlining the software development process Discusses using emulation and virtualization technologies for kernel development and application testing Includes useful insights aimed at helping readers understand how their applications code fits in with the rest of the software stack Examines cross-compilation, dynamic device insertion and removal, key Linux projects (such as Project Utopia), and the internationalization capabilities present in the GNOME desktop

Focusing on tried and true best practice techniques in cross-technology based Oracle embedded programming, this book provides authoritative guidance for improving your code compilation and execution. Geared towards IT professionals developing Oracle-based Web-enabled applications in PL/SQL, Java, C, C++, .NET, Perl, and PHP, it covers application development from concepts to customization, following a pragmatic approach to design, coding, testing, deployment, and customization—explaining how to maximize embedded programming practices. Oracle Embedded Programming and Application Development explains application development frameworks using 3GL and 4GL high-level language code as embedded code segments across .NET, Java, and Open Source technologies, in conjunction with SQL and/or PL/SQL and the Oracle RDBMS through version 11gR2. It also: Features pluggable code using parameterized constructs to promote code reuse Explains when to use a particular embedded language as a best fit for specific applications Highlights design considerations that reduce the probability of errors, enable quick resolution, and boost performance in terms of enabling a Fast-Actionable-Synchronized-Tested (FAST) solution implementation Provides best practice techniques that can enhance any application development code-design methodology for a better, easier, faster, cheaper, and pervasive solution that in turn helps achieve a Better Business Benefit (B-B-B)

This practical guide details techniques for constructing architecture and code design methodologies for live application development projects that can be generalized and standardized as application development and code design frameworks. Cover to cover, the text provides an understanding of how the designed, developed, and deployed solutions conform to emerging and next-generation trends. It also discusses the conformance and usage of Web 2.0-based RIA functionality and regulatory compliance practices involving auditing and security. Praise for: "Taking an Oracle-centric approach, Lakshman skillfully guides you through the maze of various popular programming languages and

environments including .NET, C/C++, Perl, PHP, Java, and even SQL and PL/SQL – not only showing you how they interact with Oracle but also which language is the best fit for a given situation." —John Kanagaraj, Executive Editor, IOUG SELECT Journal

Whether you are a FileMaker developer who is new to web publishing, a web developer who is new to FileMaker, or a complete beginner looking to put your data online, this book is for you. In Part I, you learn the basics of how web publishing works and how to write your own HTML and PHP. In Part II, you learn how to build a FileMaker database and install and configure the FileMaker Server to host the database. In Part III, you learn how to put it all together to create web pages that talk to your database and allow people to view the data and, if you like, modify it. Throughout the book, publishing a FileMaker Product Catalog to the web is used as an example. Each chapter builds on the previous chapter. When you are done, you will have a working website! Detailed information on how to… Master web publishing Read and write basic HTML Read and write basic PHP Build a FileMaker database Install and configure FileMaker Server Publish your FileMaker data to the web Work with portals and container fields Repurpose your FileMaker layouts on the web Introduction 1 Part I: Basics of Web Publishing Chapter 1: How Web Publishing Works 7 Chapter 2: Introduction to HTML 17 Chapter 3: Introduction to PHP 31 Part II: Laying the Groundwork Chapter 4: Building a Simple FileMaker File 49 Chapter 5: Configuring the Server(s) 67 Part III: Publishing FileMaker Data on the Web Chapter 6: Viewing FileMaker Data 91 Chapter 7: Altering FileMaker Data 115 Chapter 8: Working with Related Data (Portals) 137 Chapter 9: Working with Images 167 Chapter 10: Repurposing a FileMaker Layout on the Web 189 Part IV: More Information Appendix A: Performance Tuning 213 Appendix B: Security Concerns 217 Appendix C: Error Handling and Prevention 225 Appendix D: FileMaker PHP API Reference 231 Index 239

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.

Professional Linux Programming
Optimizing the Front-End and Back-End
Professional PHP4
Zabbix Performance Tuning
A Practical Guide to Developing Large-scale Web Sites and Applications with PHP 5