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How do you create a mission-critical site that provides exceptional performance while remaining flexible, adaptable, and reliable 24/7? Written by the manager of a UI group at Yahoo!, *Developing Large Web Applications* offers practical steps for building rock-solid applications that remain effective even as you add features, functions, and users. You'll learn how to develop large web applications with the extreme precision required for other types of software. Avoid common coding and maintenance headaches as small websites add more pages, more code, and more programmers. Get comprehensive solutions for refining HTML, CSS, JavaScript, PHP, and Ajax for large-scale web applications. Make changes in one place that ripple through all affected page elements. Embrace the virtues of modularity, encapsulation, abstraction, and loosely coupled components. Use tried-and-true techniques for managing data exchange, including working with forms and cookies. Learn often-overlooked best practices in code management and software engineering. Prepare your code to make performance enhancements and testing easier.

Pro Drupal 7 Development updates the most popular development reference for the release of Drupal 7. With several new and completely-rewritten essential APIs and improvements to Drupal 7, this book will not only teach developers how to write modules ranging from simple to complex, but also how Drupal itself works. Learn the Drupal APIs and major changes

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Drupal 7 Learn how to write Drupal modules using the APIs Learn proper development practices and how to become a contributing community member

Widely praised for its in-depth coverage of Drupal internals, bestselling Pro Drupal Development has been updated for Drupal 6 in this edition, and provides are even more of the trade to help you further yourself as a professional Drupal developer. Assuming you already know how to install and bring a standard installation online, John K. VanDyk gives you everything else you need to customize your Drupal installation however you see fit. Drupal Development, Second Edition delves deep into Drupal internals, showing you how to take full advantage of its powerful architecture.

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 do it, along with comparisons between Apache, Nginx, and lighttpd web servers. Storage is 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

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implementation to achieve maximum performance.

Tuning PHP Web Projects for Maximum Performance

Professional LAMP

PRO PHP PROG,

Pro PHP

Oracle Embedded Programming and Application Development

Linux, Apache, MySQL and PHP5 Web Development

The highest rated WordPress development and design book on the market is back with an all new third edition. Professional WordPress is the only WordPress book targeted to developers, with advanced content that exploits the full functionality of the most popular CMS in the world. Fully updated to align with WordPress 4.1, this edition has updated examples with all new screenshots, and full exploration of additional tasks made possible by the latest tools and features. You will gain insight into real projects that currently use WordPress as an application framework, as well as the basic usage and functionality of the system from a developer's perspective. The book's key features include detailed information and real-world examples that illustrate the concepts and techniques at work, plus code downloads and examples accessible through the companion website. Written by practicing WordPress developers, the content of this edition focuses on real world application of WordPress concepts that extend beyond the current WordPress version. WordPress started in 2003 with a single bit of code to

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enhance the typography of everyday writing, and has grown to be the largest self-hosted website platform in the world. This book helps you use WordPress efficiently, effectively, and professionally, with new ideas 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-world projects Discover how to migrate existing websites to WordPress Understand current best practices and tools in WordPress development 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 system through thousands of plugins, widgets, and themes.

Professional WordPress is the essential developer's guide to this multifunctional system. 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.

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

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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,

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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

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

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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.

Oracle Database 11gR2 Performance Tuning Cookbook

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

A Practical Guide to Developing Large-scale Web Sites and Applications with PHP 5

Web Publishing with PHP and FileMaker 9 (Adobe Reader)

MSDN Magazine

Open Source SQL Databases for Managing Information & Web Sites

Slow loading times break the user experience of any website – no matter how well crafted it might be. In fact, it only takes three

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seconds until users lose their interest in a site if they don't get a response immediately. If another site happens to be 250ms faster than yours, then users are more inclined to switch to a competitor's website in no time. Web fonts, heavy JavaScript, third-party widgets – all of them can sum up to become a real performance bottleneck. Nevertheless, tracking that down does not only improve loading times but also results in a much snappier experience and a higher user engagement. In this eBook, we've compiled an entire selection of front-end and server-side techniques that will help you tackle such bottlenecks. Find out how to speed up existing websites, build high-performance sites (for both mobile and desktop), and prepare them for heavy-load situations. Furthermore, you'll learn more about how performance improvements and a 97–99 Google PageSpeed score were achieved on Smashing Magazine, as well as how optimization strategies can enhance real-life projects by taking a closer look at Pinterest's paint performance case study. With the help of this eBook, you'll notice that it's high time to dig deeper into your own site and examine it closely. Why don't you polish it up and make it even better than it already is!

TABLE OF CONTENTS: – Improving Smashing Magazine's Performance: A Case Study – How To Speed Up Your WordPress Website – You May Be Losing Users If Responsive Web Design Is Your Only Mobile Strategy – How To Make Your Websites Faster On Mobile Devices –

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Creating High-Performance Mobile Websites - Don't Get Crushed By The Load: Optimization Techniques And Strategies - Speed Up Your Mobile Website With Varnish - Cache Invalidation Strategies With Varnish Cache - Gone In 60 Frames Per Second: A Pinterest Paint Performance Case Study

In this book you will find both examples and theoretical concepts covered. Every recipe is based on a script/procedure explained step-by-step, with screenshots, while theoretical concepts are explained in the context of the recipe, to explain why a solution performs better than another. This book is aimed at software developers, software and data architects, 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, a DBA who is keen to dig into the causes of performance issues, or a developer who wants to learn why and where the application is running slow, this is the book for you. Basic knowledge of SQL language is required and general knowledge of the Oracle Database architecture is preferable.

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

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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.

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

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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 Design and Development

Patterns, Frameworks, Testing and More

Pro Drupal Development

Professional PHP5

Dr. Dobb's Journal of Software Tools for the Professional Programmer Managing & Using MySQL

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 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 this guide invaluable when transitioning to the LAMP environment The Web site includes sample scripts created in the course of each chapter, and several applications that can be modified and reused The first book to show readers how to create a complete e-commerce driven website

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using two of the most popular open source technologies, PHP and PostgreSQL Adapted from the strong selling Beginning PHP 5 and MySQL E-Commerce, this book is based on a proven and popular instructional model. PostgreSQL, long the second most popular open source database in the world, has seen a significant resurgence in interest throughout 2005 due to software enhancements and considerable capital injections. It stands to reason already strong interest in this database will continue to grow for the foreseeable future.

Pro JavaScript RIA Techniques: Best Practices, Performance, and Presentation shows you how you can build JavaScript RIAs (rich Internet applications) with compelling user interfaces and great performance. With the best practices and optimization techniques you'll learn in this book, you can optimize performance without sacrificing a rich user interface. Using a combination of innovative ideas and intelligent use of HTML, CSS, JavaScript, and plug-ins, this book shows you how to make decisions based on best web standard development practices and real-world browser data. Through practical examples, you'll see how to optimize both design and performance with an eye toward future enhancements and efficient maintenance. Starting with the essential principles and techniques of semantic markup, build efficient, responsive web applications based on web standard best practices and real-world experience. Apply practical techniques and see how to reuse examples of broadly relevant page components to improve the interface and performance of existing sites. Explore ways to push the boundaries of the possible with existing browser technology.

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

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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

Zabbix Performance Tuning

Professional Search Engine Optimization with PHP

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

Professional Joomla!

Monitoring and Visualization

Pro PHP Application Performance

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

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-

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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.

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. 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

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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.

Best Practices, Performance and Presentation

Producing Code That Can Grow and Thrive

Professional Linux Programming

New Features and Good Practices

Optimizing the Front-End and Back-End

Java Performance Tuning

Build your high performance large scale concurrent system in a more flexible and efficient way than ever before with this first & only Swoole PHP book, with PHP 8 ready. Introduction Introducing a new execution model of PHP applications, how Swoole PHP works and the pitfalls of new developers coming into the Swoole PHP world. This book is also about the general concepts behind building a high concurrency and high-

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performance web system and how these concepts are implemented in Swoole PHP and how advanced PHP works. This book provides just enough Linux OS kernel knowledges with code samples helping you understand how async I/O, concurrency and coroutine works. When start learning or using a new framework, people always carry some assumption coming from the previous experience. Some of these experiences are helpful to understand the new system, but some of these experiences may lead to the misunderstanding of the new system. This book introduces the pitfalls to avoid if you are an experienced PHP developer. This book is for the developers who have already know the basics about how a web system works such as PHP web application or application in the other programming languages such as Node.js, Golang or Java. After reading this book, you should be able to build a high concurrent Swoole PHP system with confidence.

Covers topics including installation, configuration, sorting, database design, transaction performance, security, Perl, PHP scripting, and Java. 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

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addressing, and LDAP connectivity addressing.

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

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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.

Pro Functional PHP Programming

Programming PHP

Build high performance concurrent system with async and coroutines

Pro JavaScript RIA Techniques

Java Performance

Mastering Swoole PHP

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.

Why is PHP the most widely used programming language on the web? This

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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

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

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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.

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

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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 indispensable and real-world reference to keep on hand.

Professional WordPress

Over 80 Recipes to Help Beginners Achieve Better Performance from Oracle Database Applications

Professional Microsoft IIS 8

Professional IIS 7

Professional PHP4

Beginning PHP and MySQL

Performance is a hugely important area of web development. If your site runs slowly, users are going to leave, and the problem only grows

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as your site gets more popular. Pro JavaScript Performance gives you the tools you need to keep your sites smooth and responsive no matter how many users you have. Best practices are changing or becoming redefined continually because of changes and optimizations at the interpreter level, and differences in system configuration, and network speeds. This is exacerbated by the quickened release schedule that most browsers have adopted. Just as important as following best practices is the ability to measure your own performance, so that you can adjust as times change, and so that you can note the subtle nuances in your own code and define your own best practices by your own observations. This book gives you the tools to observe and track the performance of your web applications over time from multiple perspectives, so that you are always aware of, and can fix, all aspects of your performance.

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,

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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 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

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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. 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

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performance

SQL All-in-One For Dummies

Pro JavaScript Performance

Creating Dynamic Web Pages

Beginning PHP and PostgreSQL E-Commerce

A Developer's Guide to SEO

Modern PHP

Helps readers eliminate performance problems, covering topics including bottlenecks, profiling tools, strings, algorithms, distributed systems, and servlets.

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,

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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 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

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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.

Provides information on the implementation of the stored procedures in MySQL 5.0.

Advanced PHP Programming

From Novice to Professional

Pro Drupal 7 Development

Performance Optimization: Techniques And Strategies

Professional NoSQL

Professional Website Performance