

# Php And Mysql Web Development Developers Library

The accompanying CD-ROM contains all source code from the book, including three complete applications.

Quickly master dynamic, database-driven Web development—no experience necessary! Even if you're completely new to PHP, MySQL, and Web database development, this book will guide you through every step of building powerful, database-driven, dynamic Web sites. Direct from the world's top scripting instructor, Ellie Quigley, *PHP and MySQL by Example* illuminates every concept with tested code examples, screen shots showing program output, and clear, line-by-line explanations. Classroom-tested in Ellie Quigley's Silicon Valley training courses and at Marko Gargenta's Marakana training company in San Francisco, this book takes you from the simplest PHP scripting and SQL querying techniques all the way to dynamic, database driven Web site construction with PHP and MySQL. From simple fill-in forms to program security and debugging, it's the only PHP/MySQL book you'll ever need! This book covers Complete PHP fundamentals, including operators, strings, conditionals, loops, arrays, functions, and more PHP QuickStart for more advanced readers—makes you productive with PHP in the space of just fifteen book pages Essential Web development techniques, from file handling to validating user input with regular expressions Powerful PHP features, including user-defined functions and self-processing PHP Forms Day-to-day MySQL administration A complete SQL tutorial for creating queries, retrieving data, and writing data with MySQL Session management and cookies Object Oriented PHP Best practices for using PHP and MySQL together Nearly 100,000 professionals and power users have relied on Ellie Quigley's

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books to master scripting languages. With PHP and MySQL by Example, you can, too. And once you've become an expert, you'll turn to this book constantly as your go-to source for reliable answers, solutions, and code. Lab Solutions Solutions to the end-of-chapter labs are available at [www.prenhallprofessional.com/title/0131875086](http://www.prenhallprofessional.com/title/0131875086).

PHP and MySQL Web Development Sams Publishing

PHP and MySQL are quickly becoming the de facto standard for rapid development of dynamic, database-driven web sites. This book is perfect for newcomers to programming as well as hobbyists who are intimidated by harder-to-follow books. With concepts explained in plain English, the new edition starts with the basics of the PHP language, and explains how to work with MySQL, the popular open source database. You then learn how to put the two together to generate dynamic content. If you come from a web design or graphics design background and know your way around HTML, Learning PHP & MySQL is the book you've been looking for. The content includes: PHP basics such as strings and arrays, and pattern matching A detailed discussion of the variances in different PHP versions MySQL data fundamentals like tables and statements Information on SQL data access for language A new chapter on XHTML Error handling, security, HTTP authentication, and more Learning PHP & MySQL explains everything from fundamental concepts to the nuts and bolts of performing specific tasks. As part of O'Reilly's bestselling Learning series, the book is an easy-to-use resource designed specifically for beginners. It's a launching pad for future learning, providing you with a solid foundation for more advanced development.

# BioKen Marks has been working in his dream job as a Programming Instructor at Madison College in Madison, Wisconsin, teaching PHP web development using MySQL since 2012.

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Prior to teaching, Ken worked as a software engineer for more than 20 years, mainly developing medical device software. Ken is actively involved in the PHP community, speaking and teaching at conferences.

**Description** Build Web Applications from Scratch with PHP and MySQL Learn how to build dynamic and secure websites using modern PHP with MySQL databases. PHP today is a mature, robust language focused on programming web applications and sites. This book gives you an introduction to its syntax, built-in data structures, and scalar data types. You'll also see how to work with cookies, sessions, and web requests using native PHP functions and features. This approach gives you a solid grounding for working in any other PHP application from WordPress, to modern frameworks, to legacy applications. Each chapter includes plenty of code examples to reinforce the concepts introduced as well as suggested exercises for the reader. The book also walks you through building a typical Create-Read-Update-Delete (CRUD) application, starting with setting up a development environment through building the pages and forms required. Along the way, you'll get solid, practical advice on how to add authentication, handle file uploads, safely store passwords, application security, and more.

**Topics Covered**

- \* PHP Script Execution
- \* Setting up a Development Environment
- \* Using Variables, Strings, and Basic Operators
- \* Working with Arrays
- \* Comparing Variables, Logical Operators, and Flow Control
- \* Writing Counting and Sentinel Loops
- \* Reusing code with custom functions
- \* Working with HTML Forms
- \* Validating User Input
- \* Saving, Updating, and Deleting Data in a Database
- \* Querying and Displaying Database Result Sets
- \* Safely Working with File Uploads
- \* Adding Basic and Session-based User Log Ins
- \* Persisting User data with Cookies and Sessions
- \* Securing against Common Web Attacks and Vulnerabilities
- \* Building a shopping-cart-like feature.
- \* An Introduction to Object-Oriented Code

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in PHP

If you can build websites with CSS and JavaScript, this book takes you to the next level—creating dynamic, database-driven websites with PHP and MySQL. Learn how to build a database, manage your content, and interact with users. With step-by-step tutorials, this completely revised edition gets you started with expanded coverage of the basics and takes you deeper into the world of server-side programming. The important stuff you need to know: Get up to speed quickly. Learn how to install PHP and MySQL, and get them running on both your computer and a remote server. Gain new techniques. Take advantage of the all-new chapter on integrating PHP with HTML web pages. Manage your content. Use the file system to access user data, including images and other binary files. Make it dynamic. Create pages that change with each new viewing. Build a good database. Use MySQL to store user information and other data. Keep your site working. Master the tools for fixing things that go wrong. Control operations. Create an administrative interface to oversee your site. Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

Market\_Desc: The primary audience includes PHP beginners, although basic HTML knowledge is useful. Experienced programmers whose current website has outgrown traditional static structure will also benefit from this book offering them a cost-effective way to upgrade and make their website more efficient and user-friendly. Special Features: · Major release of PHP and MySQL are expected late 2008 - this book will cover the updated features of PHP 6 and MySQL 6· Written by experts in a informal tone and is easy for beginners to understand· Provides plenty of tips and explanations with useful, real-world examples· A solid,

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practical guide for a quick understanding of the PHP, Apache and MySQL stack About The Book: PHP, Apache, and MySQL are the three key open source technologies that form the basis for most active Web servers. This book takes the reader step-by-step through understanding each component - using it and combining it with the others on both Linux and Windows servers. Beginning PHP 6, Apache, and MySQL 6 guide the reader through the process of creating dynamic, data-driven sites, using the open source AMP model: Apache Web server, the MySQL database system, and the PHP scripting language. The team of expert authors cover topics including: new features of PHP 6 and MySQL 6, PHP scripting, database management, security, integration, e-commerce functions, and provide a complete syntax reference.

Quickly learn how to build dynamic Web sites with PHP and MySQL using this book's unique case study approach.

PHP and MySQL Web Development, Fifth Edition The definitive guide to building database-driven Web applications with PHP and MySQL PHP and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web

applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. This practical, hands-on book consistently focuses on real-world applications, even in the introductory chapters. The authors cover important aspects of security and authentication as they relate to building a real-world website and show you how to implement these aspects in PHP and MySQL. They also introduce you to the integration of front-end and back-end technologies by using JavaScript in your application development. The final part of this book describes how to approach real-world projects and takes the reader through the design, planning, and building of several projects, including: User authentication and personalization Web-based email Social media integration Shopping cart

The fifth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP through versions 5.6 and 7, as well as features introduced in recent stable releases of MySQL. Free Access to Web Edition Purchase of this book in any format, electronic or print, includes free access to the corresponding Web Edition, which provides several special features: The complete text of the book online Exercises and interactive quizzes to test your understanding of the material Bonus chapters not included in the print or e-book editions Updates and

corrections as they become available The Web Edition can be viewed on all types of computers and mobile devices with any modern web browser that supports HTML5. Contents at a Glance Part I: Using PHP 1 PHP Crash Course 2 Storing and Retrieving Data 3 Using Arrays 4 String Manipulation and Regular Expressions 5 Reusing Code and Writing Functions 6 Object-Oriented PHP 7 Error and Exception Handling Part II: Using MySQL 8 Designing Your Web Database 9 Creating Your Web Database 10 Working with Your MySQL Database 11 Accessing Your MySQL Database from the Web with PHP 12 Advanced MySQL Administration 13 Advanced MySQL Programming Part III: Web Application Security 14 Web Application Security Risks 15 Building a Secure Web Application 16 Implementing Authentication Methods with PHP Part IV: Advanced PHP Techniques 17 Interacting with the File System and the Server 18 Using Network and Protocol Functions 19 Managing the Date and Time 20 Internationalization and Localization 21 Generating Images 22 Using Session Control in PHP 23 Integrating JavaScript and PHP 24 Other Useful Features Part V: Building Practical PHP and MySQL Projects 25 Using PHP and MySQL for Large Projects 26 Debugging and Logging 27 Building User Authentication and Personalization 28 (Web Edition) Building a Web-Based Email Client with Laravel Part I 29 (Web Edition) Building a Web-Based Email

Client with Laravel Part II 30 (Web Edition) Social Media Integration Sharing and Authentication 31 (Web Edition) Building a Shopping Cart Part VI: Appendix A Installing Apache, PHP, and MySQL

Explains how to access and create MySQL databases through PHP scripting, including authentication, network connectivity, session management, and content customization.

PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-drive Web applications with PHP and MySQL and MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures,

as well as features introduced in MySQL 5.1. This is the eBook version of the title. To gain access to the contents on the CD bundled with the printed book, please register your product at [informit.com/register](http://informit.com/register)

Introduces the four essential programming languages required for creating dynamic Web sites, and explains how to install them on different operating systems, use CSS to create forms, code with jQuery, and administer a MySQL database.

This book is written for absolute beginners who want to become full stack web application developer. To become a professional full stack web developer you have to put on many hats. HTML5, CSS3, Bootstrap, JavaScript, MySQL, and PHP are the core technologies that you must be acquainted with to develop moderate data-driven web applications. All these technologies are voluminous and you need ample time to learn each one of them. In this fast changing technological world no one has time to go through bulky books of these core technologies. With so many web technologies out there in the market, novices are confused and do not have enough time to evaluate these technologies to decide what to pick for their career and where to start from. Keeping aside the least utilized features, I've written this book to focus on the more operational areas of these technologies that act as the first stepping stone and will provide

you with a solid jump start into the exciting world of web development. This book is meant to help you learn web development quickly by yourself. It follows a tutorial approach in which hands-on exercises, augmented with illustrations, are provided to teach you web application development in a short period of time. Once you get grips on these core web development technologies through this book, you will be able to easily set the destination for your future. With uncountable sites and freely available material, this book is written due to the following reasons: Assemble all scattered pieces in one place. This volume contains HTML5, CSS3, JavaScript, Bootstrap, PHP and MySQL. Sequential instructions are provided to download and install the required software and components to setup a complete development environment on your own pc. Focus on inspiring practical aspect of these web technologies. Last but not least, move novices gradually right from creating an HTML file with a text editor, through learning HTML, CSS, JavaScript, Bootstrap, MySQL and PHP all the way to creating and deploying a professional e-commerce website that comprises static and dynamic pages. From web introduction to hands-on examples and from website designing to its deployment, this book surely is a complete resource for those who know little or nothing about professional web development. If you are new to both JavaScript and programming, this hands-on book is for

you. Rather than staring blankly at gobbledygook, you'll explore JavaScript by entering and running hundreds of code samples in Firebug, a free JavaScript debugger. Then in the last two chapters, you'll leave the safety of Firebug and hand-code an uber cool JavaScript application in your preferred text editor. Written in a friendly, engaging narrative style, this innovative JavaScript tutorial covers the following essentials: Core JavaScript syntax, such as value types, operators, expressions, and statements provided by ECMAScript. Features for manipulating XHTML, CSS, and events provided by DOM. Object-oriented JavaScript, including prototypal and classical inheritance, deep copy, and mixins. Closure, lazy loading, advance conditional loading, chaining, currying, memoization, modules, callbacks, recursion, and other powerful function techniques. Encoding data with JSON or XML. Remote scripting with JSON-P or XMLHttpRequest Drag-and-drop, animated scrollers, skin swappers, and other cool behaviors. Optimizations to ensure your scripts run snappy. Formatting and naming conventions to prevent you from looking like a greenhorn. New ECMAScript 5, DOM 3, and HTML 5 features such as `Object.create()`, `Function.prototype.bind()`, strict mode, `querySelector()`, `querySelectorAll()`, and `getElementsByClassName()`. As you can see, due to its fresh approach, this book is by no means watered down. Therefore, over the course of your journey,

you will go from JavaScript beginner to wizard, acquiring the skills recruiters desire.

PHP and MySQL are two of today's most popular, open-source tools for server-side programming. That means there's a continuing demand for web developers who know how to use PHP and MySQL at the professional level. And with this book, you can become one of them! In fact, in just the first 6 chapters, you will create a database-driven website that implements the MVC pattern, the way the best professionals do. Then, the rest of the book lets you build on that base to develop a full set of professional skills.

8+ Hours of Video Instruction It can be difficult for developers familiar with Java and other languages to make the transition to modern JavaScript. If you simply want to be productive with JavaScript as it exists today, then you don't want to relive history with books or courses that teach older JavaScript versions, or that assume familiarity with those older versions and focus on recently introduced features. This course assumes that you are a competent programmer who understands branches and loops, functions, data structures, and the basics of object-oriented programming. You will get up to speed with modern JavaScript in the shortest possible time. Description Modern JavaScript for the Impatient LiveLessons focuses on how to be productive with JavaScript as it exists today. After reviewing the fundamentals of values, variables, and

control flow, the video thoroughly covers functions, objects, and classes. The standard library and the most commonly used tools are also covered, as well as key topics related to asynchronous programming, internationalization, and modules. Related Content This training pairs with Cay Horstmann's book *Modern JavaScript for the Impatient* (9780136502142) About the Instructor Cay S. Horstmann is a professor of computer science at San Jose State University and a Java Champion. He is also the author of *Core Java, Volume II, Fundamentals, Eleventh Edition* (2019); *Core Java, Volume I, Fundamentals, Eleventh Edition* (2018); *Core Java SE 9 for the Impatient, Second Edition* (2018); *Java SE 8 for the Really Impatient* (2014); and *Scala for the Impatient* (2012). He has written more than a dozen other books for professional programmers and computer science students. What You Will Learn After starting with the basics-JavaScript values, variables, and types, and a quick overview of expressions and the various type of flow control statements-Horstmann shows viewers how to implement functions that consume and produce other functions and how to use closures to implement a form of classes before moving on to more advanced topics including: Object-oriented programming with modern JavaScript (classes and inheritance and how these are implemented with prototypes) The standard library (numbers and dates, strings and regular expressions, as well as arrays and collections.) Metaprogramming, iterators, and generators (a powerful mechanism to bridge between linear and event-driven control flow) How to use proxies to inter...

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There are many reasons for serving up dynamic content from a web site: to offer an online shopping site, create customized information pages for users, or just manage a large volume of content through a database. Anyone with a modest knowledge of HTML and web site management can learn to create dynamic content through the PHP programming language and the MySQL database. This book gives you the background and tools to do the job safely and reliably. *Web Database Applications with PHP and MySQL, Second Edition* thoroughly reflects the needs of real-world applications. It goes into detail on such practical issues as validating input (do you know what a proper credit card number looks like?), logging in users, and using templates to give your dynamic web pages a standard look. But this book goes even further. It shows how JavaScript and PHP can be used in tandem to make a user's experience faster and more pleasant. It shows the correct way to handle errors in user input so that a site looks professional. It introduces the vast collection of powerful tools available in the PEAR repository and shows how to use some of the most popular tools. Even while it serves as an introduction to new programmers, the book does not omit critical tasks that web sites require. For instance, every site that allows updates must handle the possibility of multiple users accessing data at the same time. This book explains how to solve the problem in detail with locking. Through a sophisticated sample application--Hugh and Dave's Wine Store--all the important techniques of dynamic content are introduced. Good design is emphasized, such as dividing logic from presentation. The book

introduces PHP 5 and MySQL 4.1 features, while providing techniques that can be used on older versions of the software that are still in widespread use. This new edition has been redesigned around the rich offerings of PEAR. Several of these, including the Template package and the database-independent query API, are fully integrated into examples and thoroughly described in the text. Topics include: Installation and configuration of Apache, MySQL, and PHP on Unix®, Windows®, and Mac OS® X systems Introductions to PHP, SQL, and MySQL administration Session management, including the use of a custom database for improved efficiency User input validation, security, and authentication The PEAR repository, plus details on the use of PEAR DB and Template classes Production of PDF reports

Introductory textbook covering all the main features of the 'web programming' languages PHP and MySQL together with detailed examples that will enable readers (whether students on a taught course or independent learners) to use them to create their own applications or understand existing ones. A particular focus is the use of PHP to generate MySQL commands from a script as it is executed. Each chapter includes aims, a summary and practical exercises (with solutions) to support learning. Chapters are designed to stand alone as far as possible, so that they can be studied independently of the rest of the text by those with some previous knowledge of the languages. There is a comprehensive glossary of technical terms, together with extensive appendices for quick reference of language features.

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**Essential Skills—Made Easy! PHP and MySQL Web Development: A Beginner's Guide** takes you from building static web pages to creating comprehensive database-driven web applications. The book reviews HTML, CSS, and JavaScript and then explores PHP--its structure, control statements, arrays, functions, use with forms, and file handling capabilities. Next, the book examines MySQL, including SQL, the MySQL command set, and how to use it with PHP to create a relational database and build secure, databasedriven web applications. This practical resource features complete, step-by-step examples with code that you can use as templates for your own projects. Designed for Easy Learning Key Skills & Concepts--Chapter-opening lists of specific skills covered in the chapter Try This--Hands-on exercises that show you how to apply your skills Notes--Extra information related to the topic being covered Tips--Helpful reminders or alternate ways of doing things Cautions--Errors and pitfalls to avoid Self Tests--End-of-chapter quizzes to reinforce your skills Annotated Syntax--Example code with commentary that describes the programming techniques being illustrated Ready-to-use code at [www.mhprofessional.com](http://www.mhprofessional.com)

**Expert PHP and MySQL** takes you beyond learning syntax to showing you how to apply proven software development methods to building commerce-grade PHP and MySQL projects that will stand the test of time and reliably deliver on customer needs.

Developers of real-world applications face numerous problems that seem trivial on the surface, but really do take some skill to get right. Error handling is about more than just

the mechanics in the PHP syntax, but also about handling MySQL errors, logging those errors, and about hiding information about application internals that error messages sometimes can expose. Meet these challenges and more head-on! Author Marc Rochkind shows how to begin a project right, with a clear contract and set of written requirements. You'll learn about project organization, setting up a solid development environment, connecting with client personnel. Database design is essential, and Expert PHP and MySQL has you covered with guidance on creating a sound model and database, and on pushing functionality into the database as appropriate; not everything should be done in PHP. Error handling is covered at both the PHP and MySQL levels. Application structure is covered. Guidance is provided on reporting. And finally there is conversion. In Expert PHP and MySQL you'll explore the following: The popular and widely used combination of PHP and MySQL Commercial-grade application of language and database features Human factors such as planning and organization Organizing a project to meet requirements and satisfy the customer Structuring an application for efficient development and future modification Coding PHP for productivity, reliability, security Generating online, downloadable, and printed reports Converting existing data to the new application

"PHP and MySQL Web Development" teaches readers how to develop dynamic, secure e-commerce Web sites. They will learn to integrate and implement these technologies by following real-world examples and working sample projects. The

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accompanying CD-ROM includes a Linux distribution, MySQL, PHP4, utilities for the projects and code listings.

\* 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.

Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, MySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that

power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know.

In this comprehensive guide to creating an e-commerce Web site using PHP and MySQL, renowned author Larry Ullman walks you through every step—designing the visual interface, creating the database, presenting content, generating an online catalog, managing the shopping cart, handling the order and the payment process, and fulfilling the order—always with security and best practices emphasized along the way.

Even if you're an experienced Web developer, you're guaranteed to learn something new. The book uses two e-commerce site examples—one based on selling physical products that require shipping and delayed payment, and another that sells non-physical products to be purchased and delivered instantly—so you see the widest possible range of e-commerce scenarios. In 11 engaging, easy-to-follow chapters, *Effortless E-Commerce with PHP and MySQL* teaches you how to:

- Think of the customer first, in order to maximize sales
- Create a safe server environment and database
- Use secure transactions and prevent common vulnerabilities
- Incorporate different payment gateways
- Design scalable sites that are easy to maintain
- Build administrative interfaces
- Extend both examples to match the needs of your own sites

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Larry Ullman is the president of Digital Media and Communications Insights, Inc., a firm specializing in information technology ([www.dmcinsights.com](http://www.dmcinsights.com)). He is the author of several bestselling programming and Web development books, including PHP and MySQL for Dynamic Web Sites: Visual QuickPro Guide. Larry also writes articles on these subjects and teaches them in small and large group settings. Despite working with computers, programming languages, databases, and such since the early 1980s, Larry still claims he's not a computer geek (but he admits he can speak their language).

PHP & MySQL: Novice to Ninja, 6th Edition is a hands-on guide to learning all the tools, principles, and techniques needed to build a fully functional application using PHP & MySQL. Comprehensively updated to cover PHP 7 and modern best practice, this practical and fun book covers everything from installing PHP and MySQL through to creating a complete online content management system. You'll learn how to: Install PHP & MySQL on Windows, Mac OS X, or Linux Gain a thorough understanding of PHP syntax Use object oriented programming techniques Master database design principles and SQL Develop robust websites that can handle high levels of traffic Build a working content management system (CMS) And much more!

With this book, Web designers who usually turn out static Websites with HTML and CSS can make the leap to the next level of Web development--full-fledged, dynamic, database-driven Websites using PHP and SQL.

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Make web applications run faster by using advanced PHP, SQL and JavaScript techniques

**Key Features** Use a customized PHP stack to create efficient data-driven web applications Ensure seamless implementation of a JavaScript & HTML 5 CSS based frontend and PHP based backend. Learn about problem identification, best strategies, and UI design patterns as well to build a clean, fast web application

**Book Description** This book will get you started with the latest benchmarking, profiling and monitoring tools for PHP, MySQL and JavaScript using Docker-based technologies. From optimizing PHP 7 code to learning asynchronous programming, from implementing Modern SQL solutions to discovering Functional JavaScript techniques, this book covers all the latest developments in Faster Web technologies. You will not only learn to determine the best optimization strategies, but also how to implement them. Along the way, you will learn how to profile your PHP scripts with Blackfire.io, monitor your Web applications, measure database performance, optimize SQL queries, explore Functional JavaScript, boost Web server performance in general and optimize applications when there is nothing left to optimize by going beyond performance. After reading this book, you will know how to boost the performance of any Web application and make it part of what has come to be known as the Faster Web. What you will learn

Install, configure, and use profiling and benchmarking testing tools Understand how to recognize optimizable data structures and functions to effectively optimize a PHP7 application Diagnose bad SQL query performance and discover ways to optimize it

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Grasp modern SQL techniques to optimize complex SQL queries Identify and simplify overly complex JavaScript code Explore and implement UI design principles that effectively enhance the performance Combine web technologies to boost web server performance Who this book is for The audience for this book would be PHP developers who have some basic knowledge of PHP programming and Web technologies.

JavaScript programming knowledge is not necessary.

What is this book about? PHP is one of the most popular server-side scripting languages available. It's powerful and easy to learn. Combined with MySQL — a fast, cross-platform, and free open source database — it makes a very effective tool for developing database-driven websites. This book is all about developing PHP/MySQL websites with Macromedia Dreamweaver MX, the premier visual website design tool. It will show you how to use Dreamweaver MX to rapidly develop database-driven PHP web applications with the minimum of fuss. Throughout the book, we use a real-world example application, a hotel room booking system, to demonstrate just how quick and easy it is to build dynamic PHP sites with Dreamweaver MX. What does this book cover? Here are just a few of the things you'll find covered in this book: Overview of Dreamweaver MX, PHP, and MySQL Designing a site Using server behaviors to interact with the database Hand-coding and debugging in Dreamweaver Who is this book for? This book is for the web professional looking to develop database-driven PHP web applications using Macromedia Dreamweaver MX. Some knowledge of HTML and

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web design is assumed, but you don't need to know any PHP or MySQL. 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

Master today's best practices for succeeding with PHP 5.6 and MySQL 5.6 web database development! Long acknowledged as the clearest, most practical, and most down-to-earth guide to PHP/MySQL web development, the brand-new Fifth Edition of PHP and MySQL Web Development fully reflects the latest versions of PHP and

MySQL. Maintaining the approach that has made this book so successful through, Luke Welling and Laura Thomson add extensive new coverage of security, cloud and mobile development, and using the PEAR repository's massive resources. Part I offers a crash course in using PHP, including data storage/retrieval, arrays, strings, regular expressions, code reuse, objects, and error/exception handling. Next, walk through designing, creating, accessing, and programming MySQL databases. Part III turns to e-commerce, adding extensive new coverage of web security, plus up-to-the-minute discussions of authentication and secure transactions. A full section of advanced PHP techniques addresses everything from networking and filesystem interaction to image generation and session control. The authors conclude with primers on real-world development and debugging, followed by ten start-to-finish case studies, from authentication to content management, personalized PDFs to web services and Web 2.0 apps.

Sams Teach Yourself SQL in 10 Minutes offers straightforward, practical answers when you need fast results. By working through the book's 22 lessons of 10 minutes or less, you'll learn what you need to know to take advantage of the SQL language. Lessons cover IBM DB2, Microsoft SQL Server and SQL Server Express, MariaDB, MySQL, Oracle and Oracle express, PostgreSQL, and SQLite. Full-color code examples help you understand how SQL statements are structured Tips point out shortcuts and solutions Cautions help you avoid common pitfalls Notes explain additional concepts,

and provide additional information 10 minutes is all you need to learn how to... Use the major SQL statements Construct complex SQL statements using multiple clauses and operators Retrieve, sort, and format database contents Pinpoint the data you need using a variety of filtering techniques Use aggregate functions to summarize data Join two or more related tables Insert, update, and delete data Create and alter database tables Work with views, stored procedures, and more

Learn PHP, the programming language used to build sites like Facebook, Wikipedia and WordPress, then discover how these sites store information in a database (MySQL) and use the database to create the web pages. This full-color book is packed with inspiring code examples, infographics and photography that not only teach you the PHP language and how to work with databases, but also show you how to build new applications from scratch. It demonstrates practical techniques that you will recognize from popular sites where visitors can: Register as a member and log in Create articles, posts and profiles that are saved in a database Upload their own images and files Automatically receive email notifications Like and comment on posts. To show you how to apply the skills you learn, you will build a complete content management system, enhanced with features that are commonly seen on social networks. Written by best-selling HTML & CSS and JavaScript & jQuery author Jon Duckett, this book uses a

unique visual approach, with step-by-step instructions, practical code examples and pro tips that will teach you how to build modern database-driven websites using PHP.

Build interactive, data-driven websites with the potent combination of open source technologies and web standards, even if you have only basic HTML knowledge. In this update to this popular hands-on guide, you'll tackle dynamic web programming with the latest versions of today's core technologies: PHP, MySQL, JavaScript, CSS, HTML5, and key jQuery libraries. Web designers will learn how to use these technologies together and pick up valuable web programming practices along the way—including how to optimize websites for mobile devices. At the end of the book, you'll put everything together to build a fully functional social networking site suitable for both desktop and mobile browsers. Explore MySQL, from database structure to complex queries Use the MySQLi extension, PHP's improved MySQL interface Create dynamic PHP web pages that tailor themselves to the user Manage cookies and sessions and maintain a high level of security Enhance the JavaScript language with jQuery and jQuery mobile libraries Use Ajax calls for background browser-server communication Style your web pages by acquiring CSS2 and CSS3 skills Implement HTML5 features, including geolocation, audio, video, and the canvas

element Reformat your websites into mobile web apps

Practical PHP and MySQL Website Databases is a project-oriented book that demystifies building interactive, database-driven websites. The focus is on getting you up and running as quickly as possible. In the first two chapters you will set up your development and testing environment, and then build your first PHP and MySQL database-driven website. You will then increase its sophistication, security, and functionality throughout the course of the book. The PHP required is taught in context within each project so you can quickly learn how PHP integrates with MySQL to create powerful database-driven websites. Each project is fully illustrated, so you will see clearly what you are building as you create your own database-driven website. You will build a form for registering users, and then build an interface so that an administrator can view and administer the user database. You will create a message board for users and a method for emailing them. You will also learn the best practices for ensuring that your website databases are secure. Later chapters describe how to create a blog, a product catalog, and a simple e-commerce site. You will also discover how to migrate a database to a remote host. Because you are building the interactive pages yourself, you will know exactly how the MySQL and PHP work, and you will be able to add database interactivity to your own websites with ease.

The follow-up to the bestselling task-based guide to MySQL and PHP, at a price readers will appreciate.

What is this book about? PHP, Apache, and MySQL are the three key open source technologies that form the basis for most active Web servers. This book takes you step-by-step through understanding each — using it and combining it with the other two on both Linux and Windows servers. This book guides you through creating your own sites using the open source AMP model. You discover how to install PHP, Apache, and MySQL. Then you create PHP Web pages, including database management and security. Finally, you discover how to integrate your work with e-commerce and other technologies. By building different types of Web sites, you progress from setting up simple database tables to tapping the full potential of PHP, Apache, and MySQL. When you're finished, you will be able to create well-designed, dynamic Web sites using open source tools. What does this book cover? Here's what you will learn from this book: How PHP server-side scripting language works for connecting HTML-based Web pages to a backend database Syntax, functions, and commands for PHP, Apache, and MySQL Methods and techniques for building user-friendly forms How to easily store, update, and access information using MySQL Ways to allow the user to edit a database E-commerce applications using these three

technologies How to set up user logins, profiles, and personalizations Proper protocols for error handling Who is this book for? This book is for beginners who are new to PHP and who need to learn quickly how to create Web sites using open source tools. Some basic HTML knowledge is helpful but not essential. If you want to build dynamic Web sites that encourage users to interact with them, PHP and MySQL are among the best tools you'll find. PHP is a scripting language designed specifically for use on the Web, while MySQL is a database management system that works with it perfectly. Best of all, they're free. It's hard to beat that combination! PHP & MySQL Web Development All-in-One Desk Reference For Dummies is kind of one-stop shopping for the information you need to get up and running with these tools and put them to good use. It's divided into six handy minibooks that cover setting up your environment, PHP programming, using MySQL, security, PHP extensions, and PHP Web applications. They make it easy to create a Web site where visitors can sign on, use shopping carts, complete forms, and do business with your business. It's easy to find what you need in this handy guide. You'll discover how to: Find and acquire all the tools you need and set up your development environment Build PHP scripts to make your Web site work Create a MySQL database that visitors can access Summarize and sort data results Design and implement user access

control Build a shopping cart application Create extensions that make your site more useful With PHP & MySQL Web Development All-in-One Desk Reference For Dummies by your side, you'll be a Web site guru before you know it! Second Edition April 2015, revised and updated. Written from a series of college lectures on PHP and MySQL, this book is a practical look at programming. It starts with an introduction to PHP and then goes on to MySQL and how to use SQL with the PHP language. It provides an introduction to web programming, how to display data from a database and update data to the database. It explains issues that you encounter in real world situations and provides the basic code from which you can then use to further develop. It would be helpful if you have some HTML knowledge, but the examples should provide you with what you need to know. It would also be helpful to have had some experience in programming using one of the more popular languages such as Visual Basic, although this is not necessary. Many of the tutorials consists of a series of examples and tasks which illustrate each point and concentrate on simplified code so that you can see how they are used. \* Introduction - Basic PHP concepts. \* Variables - Variables, programming techniques and so on. \* Forms and PHP - Posting data between forms. \* Arrays - loops and array structures. \* Basic PHP structures - include files and how to use them. \* Functions - writing

and using your own functions. \* Posting Forms - how forms work. \* Email Forms - an email form. \* JavaScript - posting forms with JavaScript. \* SQL and MySQL - Querying database tables using SQL. \* An Example table - some example data. \* Database Access - how to connect to a database. \* Using PHP and MySQL - an example form. \* Further PHP and MySQL - More PHP and MySQL. \* OpenCart - an example of an Open Source project. \* Error handling and debugging - Simple methods to find errors. \* Cookies and sessions - When and where to use them. \* Modifying Records - editing and updating databases with PHP and SQL. \* Classes - An introduction to object orientated programming. \* File Handling - Reading and writing to text files. \* Regular Expressions and Validation - Some validation methods. \* PHP security - Some methods to overcome this issue. \* JQuery - An introduction to jQuery. \* htaccess and php.ini - how to use them. \* WordPress - an introduction to creating a WordPress Plugin.

Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way,

including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together

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