

Beginning Php And Mysql E Commerce From Novice To Professional 2nd Edition

In this comprehensive guide to creating e-commerce website 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 complete e-commerce site examples, with various features and goals, to present the widest possible range of e-commerce scenarios. This fully updated and expanded second edition includes an additional and new payment processing example, and also reflects the latest changes in PayPal's options and methodologies. There are new chapters on marketing-related tools to improve the site and sales, on adding functionality via Ajax, and on implementing e-commerce functionality using OOP instead of procedural code. Effortless E-Commerce with PHP and MySQL, Second Edition teaches you how to: Think of the customer first, in order to maximize sales and customer satisfaction 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

The focus is not on e-Commerce, but in how to develop simple web application in very basic way... Using Html, Css(Bootstrap), javascript(jQuery), Mysql, SmartChart, SmartWizard I know this ebook not too good, but still in Hope this can help you to learn web programming Thanks & God Bless.

No matter what language you are familiar with, this book will benefit you. Beginning with a rapid introduction to PHP's syntax and basic functionality, you will swiftly understand PHP. The book then steers you toward advanced issues, like PHP's role in database manipulation, sessions, and user interactivity. Author W. J. Gilmore also examines how PHP can work with XML, JavaScript, and the Component Object Model (COM). He loads the book with practical examples and several projects that can be immediately incorporated on any website. The invaluable A Programmer's Introduction to PHP 4.0 shows you how to make the most of PHP's powerful capabilities, regardless of your current scope of PHP knowledge.

This is the fully updated new edition of the popular work that shows readers how to create e-commerce websites using two of the world's most popular technologies: the PHP scripting language and MySQL database. In addition to guiding readers through the creation of a working website using sound enterprise development techniques, the authors take care to provide readers with a variety of alternative implementation solutions. The book has also been updated to reflect the

latest development trends, showing readers how to upgrade their shopping cart using Ajax, integrate with Amazon's Web services, and encourage customer feedback through cutting-edge interactive features.

* PHP is an open-source server-side scripting language, with millions of users worldwide. It is more popular than Microsoft's ASP and ASP.NET. Version 5, out before the end of Q2 of 2004, features new OO-programming capabilities.

* MySQL is the most popular open source RDBMS. * There are a lot of E-commerce elements, such as credit card transaction processing, that are not easy to learn. This book will provide solid e-commerce solutions for PHP and MySQL developers. * This will be a good companion book to Apress' 1893115518 Beginning PHP 5 and MySQL: From Novice to Professional by W.J. Gilmore.

This practical book will guide you through building an E-commerce website. You will be using PHP, MySQL, HTML5, CSS3 and JavaScript. You will learn how to set up a live server and database. This project will also work on localhost. The E-commerce will be using Bootstrap 3, AJAX and jQuery. By the end of the project, your PHP, JavaScript and MySQL skills would have improved.

This update to a Wrox bestseller dives in and guides the reader through the entire 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 covers PHP scripting, database management, security, integration, and e-commerce functions and comes complete with a useful syntax reference. Showcases three fully functional Web site examples, with implementations for both Windows and Linux, that readers can incorporate into their own projects. Updates include a new chapter on PHP5 features and functions, a new example Web site application, and updates to PHP5 throughout the text.

* Offering a native Windows release, PostgreSQL 8.0 is poised to garner considerable market share in the open source arena. This book shows readers how to harness this popular open source database with PHP, the world's most popular web scripting language. * Essentially three books in one, PostgreSQL 8.0 exposes readers to detailed introductions of PHP and PostgreSQL. Readers gain extensive knowledge about these two popular open source technologies to create powerful websites. * Authored by W. Jason Gilmore, author of the best selling Beginning PHP 5 and MySQL: From Novice to Professional, and noted PostgreSQL developer and community liaison Robert Treat.

Shows Web developers how to use two popular open source technologies, the PHP scripting language and MySQL database, to build Web database applications. This updated edition covers changes in PHP 5 and the latest version of MySQL, including programming techniques for the new PHP default setting, methods for handling MySQL security problems, and extended information about Apache Web Server and Mac OS X versions of PHP and MySQL. Explains how to install Windows, Linux, and

Mac OS X versions of PHP and MySQL Includes two complete sample applications: an online catalog and a members-only Web site Features a companion Web site with code examples from the book and links to the author's successful site Kevin Beaver has more than fifteen years of experience in security and information technology, specializing in security assessments and incident response Features a companion Web site with links to various utilities discussed throughout the book and practical security checklists

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 What you'll learn Organize a project to meet requirements and satisfy the customer. Structure an application for efficient development and future modification. Design a database to model the business and support the application. Code PHP for productivity, reliability, security. Generate online, downloadable, and printed reports. Convert existing data to the new application. Who this book is for Expert PHP and MySQL is aimed at programmers competent in PHP and MySQL. Readers should know the mechanics of the language and the database, and have a desire to learn to build commercial systems that will stand the test of time and reliably deliver on customer needs. Table of Contents Project Organization Requirements Platforms and Tools The Database Application Structure Security, Forms, and Error Handling Reports and Other Outputs Data Conversion

The PHP scripting language and MySQL open source database are quite effective independently, but together they make a simply unbeatable team. When working hand-in-hand, they serve as the standard for the rapid development of dynamic, database-driven websites. This combination is so popular, in fact, that it's attracting many programming newbies who come from a web or graphic design background and whose first language is HTML. If you fall into this ever-expanding category, then this book is for you.

Learning PHP and MySQL starts with the very basics of the PHP language, including strings and arrays, pattern matching and a detailed discussion of the variances in different PHP versions. Next, it explains how to work with MySQL, covering information on SQL data access for language and data fundamentals like tables and statements. Finally, after it's sure that you've mastered these separate concepts, the book shows you how to put them together to generate dynamic content. In the process, you'll also learn about error handling, security, HTTP authentication, and more. If you're a hobbyist who is intimidated by thick, complex computer books, then this guide definitely belongs on your shelf. Learning PHP and MySQL explains everything--from basic concepts to the nuts and bolts of performing specific tasks--in plain English. Part of O'Reilly's bestselling Learning series, the book is an easy-to-use resource designed specifically for newcomers. It's also a launching pad for future learning, providing you with a solid foundation for more advanced development.

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.

Get the basics on four key web programming tools in one great book! PHP, JavaScript, and HTML5 are essential programming languages for creating dynamic websites that work with the MySQL database. PHP and MySQL provide a robust, easy-to-learn, open-source solution for creating superb e-commerce sites and content management. JavaScript and HTML5 add support for the most current multimedia effects. This one-stop guide gives you what you need to know about all four! Seven self-contained minibooks cover web technologies, HTML5 and CSS3, PHP programming, MySQL databases, JavaScript, PHP with templates, and web applications. Addresses how PHP, MySQL, JavaScript, and HTML5 are vital tools for creating dynamic, database-driven websites and are especially important for e-commerce sites Serves as essential reading for web designers who are new to these technologies, offering a crash course covering all of these powerful technologies in this handy volume of seven self-contained minibooks Covers how to program in PHP and how to create and administer a MySQL database as well as how to manipulate MySQL data via a web interface Shows how to create a secure website and how to code popular e-business applications such as login programs and shopping carts With seven books in one, PHP, MySQL, JavaScript & HTML5 All-in-One For Dummies will turn your website into the center of attention in no time at all.

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.

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Part VI: Appendix A Installing Apache, PHP, and MySQL

This is an adaptation of Jason Gilmore's best-selling book, *Beginning PHP and MySQL*. It's a recognition of the growing use of PHP with commercial databases, Oracle in particular, enabling readers in Oracle-based shops to learn PHP on their chosen platform. Supplying the Oracle expertise is Bob Bryla, co-author of the *Oracle Database 10g DBA Handbook* and many other titles. His easy-going and straightforward style is an excellent match for Jason's, making their book one of the best things going for those wanting to learn about using PHP with Oracle.

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

Beginning PHP and PostgreSQL E-Commerce From Novice to Professional Apress

What is this book about? Beginning PHP5 is a complete tutorial in PHP5's language features and functionality, beginning with the basics and building up to the design and construction of complex data-driven Web sites. Fully functioning applications are developed through the course of the book. Other features of the book include installation guide and troubleshooting tips, introduction to relational databases, practical working examples and applications, and a detailed language reference. Here are the new topics in this edition: OOP PEAR GTK MSI CLI SQLite Error handling with try/catch

Get started with PHP and MySQL programming: no experience necessary. This fifth edition of a classic best-seller includes detailed instructions for configuring the ultimate PHP 7 and MySQL development environment on all major platforms, complete coverage of the latest additions and improvements to the PHP language, and thorough introductions to MySQL's most relied-upon features. You'll not only receive extensive introductions to the core features of PHP, MySQL, and related tools, but you'll also learn how to effectively integrate them in order to build robust data-driven applications. Author Frank M. Kromann draws upon more than 20 years of experience working with these technologies to pack this book with practical examples and insight into the real-world challenges faced by developers. Accordingly, you will repeatedly return to this book as both a valuable instructional tool and reference guide. What You Will Learn Install PHP, MySQL, and several popular web servers Get started with PHP, including using its string-handling, networking, forms-processing, and object-oriented features Gain skills in MySQL's fundamental features, including supported data types, database management syntax, triggers, views, stored routine syntax, and import/export capabilities Work with hundreds of examples demonstrating countless facets of PHP and MySQL integration Who This Book Is For Anyone who wants to get started using PHP to write dynamic web applications.

The first book to show readers how to create a complete e-commerce driven website 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.

* 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.

This comprehensive tutorial and reference covers all the basics of PHP 5, a popular open source Web scripting language, and MySQL 4.012, the most popular open source database engine Explores why users need PHP and MySQL, how to get started, how to add PHP to HTML, and how to connect HTML Web pages to MySQL Offers an extensive tutorial for developing applications with PHP and MySQL Includes coverage of how to install, administer, and design MySQL databases independently of PHP; exception and error handling; debugging techniques; PostgreSQL database system; and PEAR database functions The authors provide unique case studies of how and where to use PHP drawn from their own extensive Web experience

Learn to build e-commerce sites using PHP by installing a server using WAMP, configuring MySQL for your product database, creating your product database and tables, and writing the required PHP scripts for accessing and inserting data into the database. Make an E-commerce Site in a Weekend: Using PHP details how to create shopping carts for your customers and how to set up secure payment and processing options. Even if you are an absolute beginner and don't have much programming experience, you can build a responsive, powerful, and fully featured e-commerce site quickly using the information in this book. You will learn to: Create and maintain your e-commerce website using PHP scripts Create, edit, and update your product database using MySQL Manage visitors to your site, create custom forms, manage session handling, and more Manage shopping carts and shipping information Receive money through different payment modes on the sale of merchandise Who This Book is For: This book is for people who want to quickly set up their first e-commerce site. The book addresses beginners who don't have a deep experience in programming languages. It teaches how to build professional fully featured e-commerce websites using PHP. The book uses practical, step-by step examples to explain all of the topics required in designing, creating, and managing an interactive e-

commerce web site.

PHP and MySQL in easy steps will teach the user to write PHP server-side scripts and how to make MySQL database queries. It has an easy-to-follow style that will appeal to: anyone who wants to begin producing data-driven web pages. web developers wanting to add database interaction to their web sites. the programmer who quickly wants to add PHP and MySQL to their skills set. the hobbyist who wants to begin creating scripts for upload to their own ISP. the student, and to those seeking a career in computing, who need a fundamental understanding of server-side programming with PHP and MySQL. PHP & MySQL in easy steps demonstrates by example how to produce data-driven web pages using the powerful PHP scripting language and the popular free MySQL database server. The book examples provide clear syntax-highlighted code showing how to selectively insert and extract data from databases for presentation on your web browser. PHP & MySQL in easy steps begins by explaining how to install a free web server, the PHP interpreter, and MySQL database server, to create an environment in which you can produce your very own data-driven server-side web pages. You will learn how to write PHP server-side scripts and how to make MySQL database queries. Examples illustrate how to store and retrieve Session Data, how to provide a Message Board, and how to create an E-Commerce Shopping Cart. This book assumes you have no previous experience of any programming or scripting language so is ideal for the newcomer to PHP and MySQL technologies.

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

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.

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.

Learn all the fundamentals of PHP with a book that blends theory with practice to build up the skills you need for modern web development. Key Features Brush up on basic PHP 7 syntax and work with variables, data types, arrays, and loops Master advanced concepts like building your own frameworks and creating your own applications Apply your newly learned PHP skills to a variety of real-life business scenarios Book Description PHP is the preferred server-side scripting language for tech giants such as Facebook, Wikipedia, and Tumblr despite full-stack JavaScript gaining popularity with upcoming developers. This is because PHP performs better when dealing with heavy computations on the back end. In this book, you'll learn everything you need to get up and running with the latest version of PHP, including package management with tools such as composer, secure database operations, and a whole host of other best practices that will help you stay a step ahead of traditional programmers. What you will learn Understand the fundamentals of PHP and work with classes and inheritance Learn about database operations and package management with composer Tackle common security concerns and pitfalls using authentication and validation Build effective PHP applications and frameworks for your business needs Who this book is for If you're already familiar with another programming language and want to learn about the fundamentals of PHP programming, you'll find the flow of this book to be an ideal fit. Having a prior understanding of HTML, MySQL, CSS, and JavaScript will be beneficial, but is not mandatory.

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

* Contact support@i-ducate.com for source code or feedback. Have you ever wanted to develop your own dynamic website but thought it would be too difficult? Have you tried means to learn PHP programming but find them too daunting or just not simple enough to understand? Would you want to learn PHP in a concise and fun way? Pick up this book. We start with basic HTML so even if you are an absolute beginner, you can still learn to PHP programming step by step. We start with easy stuff like how to create and run simple PHP scripts and then build on what we've learned increasingly advanced (and fun) topics. As the chapters progress you begin learn the fundamental building blocks to build an e-commerce site. This approach keeps the material fun, challenging and practical. We teach PHP in an easy, straightforward and fun style. Throughout the book you will be working through many code examples that strengthen your programming

concepts drip by drip. If the need arises, we also point you to several resources where you can learn more advanced topics. We do not attempt to cover everything about PHP. But we are confident of doing is taking one from being a beginner who isn't even sure what PHP is, to someone who can code dynamic sites. Topics Covered: Chapter 1: Introduction Chapter 2: Setting Up Your Development Environment Chapter 3: Introduction to HTML Chapter 4: Styling Web Pages with CSS Chapter 5: Introducing PHP Chapter 6: Variables and Data Types Chapter 7: Control Structures - Conditionals and Loops Chapter 8: Functions Chapter 9: Strings and Arrays Chapter 10: Form Processing With PHP Chapter 11: Introduction to MySQL Chapter 12: Using PHP and MySQL Together Chapter 13: Cookies and Sessions Chapter 14: Handling File Uploads Chapter 15: Security Concerns and Good Practices Example Project - Building a Simple E-commerce Website Contact support@i-ducate.com for source code or feedback.

Gain instant solutions, including countless pieces of useful code that you can copy and paste into your own applications, giving you answers fast and saving you hours of coding time. You can also use this book as a reference to the most important aspects of the latest PHP scripting language, including the vital functions you know and love from previous versions of PHP, as well as the functions introduced in PHP 7. PHP and MySQL Recipes: A Problem-Solution Approach supplies you with complete code for all of the common coding problems you are likely to face when using PHP and MySQL together in your day-to-day web application development. This invaluable guide includes over 200 recipes and covers numerous topics. What you hold in your hands is the answer to all your PHP 7 needs. Furthermore, this book explains the PHP functionality in detail, including the vastly improved object-oriented capabilities and the new MySQL database extension. PHP and MySQL Recipes will be a useful and welcome companion throughout your career as a web developer, keeping you on the cutting edge of PHP development, ahead of the competition, and giving you all the answers you need, when you need them. What You'll Learn Work with arrays, dates and times, strings, files and directories, and dynamic imaging Write regular expressions in PHP Use the variables and functions found in PHP Who This Book Is For Experienced PHP and MySQL programmers and web developers who have at least some PHP and MySQL programming experience.

Apache, MySQL and PHP are each complex in and of themselves, and it's impossible for this book to cover every advanced detail of all three. The purpose of this book is to give you the best possible foundation for understanding how each of the core components work separately and together, which will enable you to take full advantage of all that they have to offer. When you've finished reading this book, you'll have a thorough understanding of the core concepts you need to be an effective developer using Apache, MySQL, and PHP, and hopefully a burning desire to continue learning and growing as a developer. We assume that anyone reading this book has some experience with web site development concepts and a basic working knowledge of HTML and CSS. Knowledge of other programming languages besides PHP is not a prerequisite for this book, but certainly any programming experience you have will help you understand and apply the concepts we present. This book is geared toward the "newbie" to Apache, MySQL, and PHP, and we've done our best to distill many of the core concepts and code snippets down to their most basic levels. You will find more complex and perhaps more efficient ways of accomplishing the same tasks we present in this book as your knowledge, comfort level, and experience increase. When that happens, you can congratulate yourself and know that you have come over to the "dark side" to join us as Apache, MySQL, and PHP enthusiasts! A variety of topics are covered in this book: Installation and configuration of Apache, MySQL, and PHP Basic introduction to each component and how they interact with one another Gathering information from and interacting with your web site visitors How to avoid errors and how to handle them when they inevitably occur Creating, altering and working with image files Handling user registration and logins E-mailing and setting up e-mail lists

Building a content management system
Enhancing your web site by adding e-commerce capabilities
Incorporating a discussion forum into your site
Monitoring the health of your web site through the use of activity logs and error logs
Selecting a third-party web hosting provider
Finding the text editor that's right for you
Using multiple interfaces to connect to MySQL from PHP

As you read through the chapters in this book and learn about each of these topics, you will be creating two complete web sites. The first is a movie review site that displays information about films and their respective reviews. This project will cover the basics, such as writing PHP code, creating a MySQL database, filling the database with data and showing specific information to your visitors based on what they want to see. The second project is a comic book fan web site. This site will be developed in the latter part of the book and will incorporate some of the more complex topics of working with Apache, MySQL and PHP. You will create a truly interactive web site where your visitors can interact with you and with other members of the site. We take you step by step through the development of each of these sites, and you will continually build upon them as new concepts are introduced. Note, however, that each of the chapters in this book has been designed as a standalone chapter, so that if you are not particularly interested in reading a specific topic then you are free to move on to another. If you thought the days of the "pop quiz" were over, think again! We have provided handy exercises at the end of most of the chapters to test your knowledge of discussed topic and challenge you to think one step further. We've provided answers to these exercises in Appendix A. This book is designed to be multiplatform and we cover topics and issues for both Windows-based and Linux-based machines. You will need Apache, MySQL and PHP to do the exercises in this book. All three are open source programs, so you can download and use them free of charge. We have provided instructions for downloading and installing all three components in Chapter 1 and Appendix I. You will also need a text editor to enter your code. Many editors are available that you can use, and some of the more popular ones are compared in Appendix F. Finally, you'll need a web browser, such as Mozilla Firefox, Internet Explorer, Google Chrome, Apple Safari or Opera to view your web pages.

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

examples and insight into the real-world challenges faced by developers. Accordingly, you will repeatedly return to this book as both a valuable instructional tool and reference guide.

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