

Apache Mysql And Php Web Development All In One Desk Reference For Dummies

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.

This is the second edition of David Powers' highly-respected PHP Solutions: Dynamic Web Design Made Easy. This new edition has been updated by David to incorporate changes to PHP since the first edition and to offer the latest techniques—a classic guide modernized for 21st century PHP techniques, innovations, and best practices. You want to make your websites more dynamic by adding a feedback form, creating a private area where members can upload images that are automatically resized, or perhaps storing all your content in a database. The problem is, you're not a programmer and the thought of writing code sends a chill up your spine. Or maybe you've dabbled a bit in PHP and MySQL, but you can't get past baby steps. If this describes you, then you've just found the right book. PHP and the MySQL database are deservedly the most popular combination for creating dynamic websites. They're free, easy to use, and provided by many web hosting companies in their standard packages. Unfortunately, most PHP books either expect you to be an expert already or force you to go through endless exercises of little practical value. In contrast, this book gives you real value right away through a series of practical examples that you can incorporate directly into your sites, optimizing performance and adding functionality such as file uploading, email feedback forms, image galleries, content management systems, and much more. Each solution is created with not only functionality in mind, but also visual design. But this book doesn't just provide a collection of ready-made scripts: each PHP Solution builds on what's gone before, teaching you the basics of PHP and database design quickly and painlessly. By the end of the book, you'll have the confidence to start writing your own scripts or—if you prefer to leave that task to others—to adapt existing scripts to your own requirements. Right from the start, you're shown how easy it is to protect your sites by adopting secure coding practices.

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Here's what Web designers need to know to create dynamic, database-driven Web sites To be on the cutting edge, Web sites need to serve up HTML, CSS, and products specific to the needs of different customers using different browsers. An effective e-commerce site gathers information about users and provides information they need to get the desired result. PHP scripting language with a MySQL back-end database offers an effective way to design sites that meet these requirements. This full updated 4th Edition of PHP & MySQL For Dummies gets you quickly up to speed, even if your experience is limited. Explains the easy way to install and set up PHP and MySQL using XAMPP, so it works the same on Linux, Mac, and Windows Shows you how to secure files on a Web host and how to write secure code Packed with useful and understandable code examples for Web site creators who are not professional programmers Fully updated to ensure your code will be compliant based on PHP 5.3 and MySQL 5.1.31 Provides clear, accurate code examples PHP & MySQL For Dummies, 4th Edition provides what you need to know to create sites that get results. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

- * Covers the entire open source Web platform known as LAMP, which includes Linux, Apache, MySQL, and PHP, the basis for many dynamic data-driven Web sites
- * Seven convenient minibooks provide easy reference on open source and team development, working with Linux and Apache, automating Web sites with Perl, developing front-end applications with Tcl/TK, creating dynamic Web pages with PHP, accessing Web databases with MySQL, and processing Web files with regular expressions
- * Includes valuable, hard-to-find coverage of collaboration, file sharing, and version control with CVS
- * PHP is running on over nine million sites, with an average increase of 6.5 percent monthly over the past two years; Apache Web servers handle seventy percent of Web content

It hasn't taken Web developers long to discover that when it comes to creating dynamic, database-driven Web sites, MySQL and PHP provide a winning open source combination. Add this book to the mix, and there's no limit to the powerful, interactive Web sites that developers can create. With step-by-step instructions, complete scripts, and expert tips to guide readers, veteran author and database designer Larry Ullman gets right down to business: After grounding readers with separate discussions of first the scripting language (PHP) and then the database program (MySQL), he goes on to cover security, sessions and cookies, and using additional Web tools, with several sections devoted to creating sample applications. This guide is indispensable for intermediate- to advanced level Web designers who want to replace their static sites with something dynamic. In this edition, the bulk of the new material covers the latest versions of both technologies: PHP 6 and MySQL 5. The book's publication date is likely to beat the official release of PHP 6, making it one of the first books available on the subject.

Provides information on creating Web sites using the PHP scripting language.

This guide to Open Source intrusion detection tool SNORT features step-by-step instructions on how to integrate SNORT with other open source products. The book contains information and custom built scripts to make installation easy. Explains how to create Web sites using the PHP scripting language, the MySQL database system, and the Apache Web server on a Windows or Linux system. 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

Step-by-step lessons for using PHP and MySQL in a unique book-and-video combination Assuming no previous experience with PHP or MySQL, this book-and-video package is ideal reading for anyone who wants to go beyond HTML/CSS in order to provide clients with the most dynamic web sites possible. The approachable tone breaks down the basics of programming and PHP and MySQL in individual lessons starting with the installation of the programs necessary to run PHP. You begin with a static web site and then watch and learn as PHP functionality is added as you work through the lessons. When working with databases, the MySQL database is introduced with demonstrations that show how to interact with it. The accompanying videos enhance your learning experience, as each lesson in the book is portrayed in the video exercises. Lessons include: * Getting started with PHP * Setting up your workspace * Adding PHP to a web page * Learning PHP syntax * Working with variables * Debugging code * Working with complex data * Making decisions * Repeating program steps * Learning about scope * Reusing code with functions * Creating forms * Introducing object-oriented programming * Defining classes * Using classes * Using advanced techniques * Handling errors * Writing secure code * Introducing databases * Introducing MySQL * Creating and connecting to the * Creating tables * Entering data * Selecting data * Using multiple tables * Changing data * Deleting data * Preventing database security issues * Creating user logins * Turn the case study into a content management system Note: As part of the print version of this title, video lessons are included on DVD. For e-book versions, video lessons can be accessed at wrox.com using a link provided in the interior of the e-book.

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

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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.

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

The aim of this text is to define a good methodology for creating a web site (with functionality that is used on many different kinds of sites, and that programmers may well be working on in the future) by identifying problems, surmising solutions to those problems, and then

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implementing those solutions using modern development practices.

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!

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

Explains how to access and create MySQL databases through PHP scripting, including discussion of authentication, network connectivity, sessions, and content management.

Find out how PHP, MySQL and Apache power the web. Designed for people at all skill levels, you can work through well explained code examples that'll take you from the basics to complex real-life scenarios. A practical guide to learning PHP, MySQL and Apache covers it all. Starting with setting up and working with your Apache based web server, learning SQL and how to apply it with MySQL and building your own applications in PHP. Along the way you'll take in syntax, security, and best practices. Then it ties all these together with real-life programming scenarios to help drive it all home. Each chapter is packed with fully programmed and thoroughly documented examples as well as illustrations to help make sense of different programming concepts. When you're finished, you should be able to develop your own dynamic web applications that start with a well configured server and a thought out database implementation. This book is the perfect match for any aspiring programmer or seasoned expert. From start to

finish, this book is the perfect resource.

In just a short time, you can learn how to use PHP, MySQL, and Apache together to create dynamic, interactive websites and applications using the three leading open-source web development technologies. Using a straightforward, step-by-step approach, each lesson in this book builds on the previous ones, enabling you to learn the essentials of PHP scripting, MySQL databases, and the Apache web server from the ground up. Julie C. Meloni is a technical consultant who has been developing web-based applications since the Web first saw the light of day. She has authored numerous books and articles on web application development and HTML/CSS, and you can find translations of her work in 18 different languages. Learn how to...

- Install, configure, and set up the PHP scripting language, the MySQL database system, and the Apache Web server
- Get these technologies to work together to create a dynamic, database-backed website
- Interact with MySQL using PHP
- Work with forms and files
- Create a web-based discussion forum or mailing list
- Add a storefront and shopping cart to your site
- Optimize your MySQL databases
- Fine-tune the Apache server's performance
- Restrict access to your applications
- Set up a secure web server

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

* 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.

Presents an overview of LAMP and Open Source technologies to build Web applications.

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.

Helps learn how to combine different technologies to create sophisticated, database-driven Web sites. This book allows readers to gain the programming knowledge needed to build a database-driven Web site using a step-by-step approach. It explains each stage of Web site development - from installation to

production of the site.

Explains how to create Web sites using the PHP scripting language, the MySQL database system, and the Apache Web server on a Windows, Linux, or Mac system.

You could think of Setting Up LAMP as four books in one, but it's actually something much more valuable: a single volume that presents the open-source technologies known collectively as LAMP—Linux, Apache, MySQL, and PHP—as tightly dovetailed components of today's most affordable and effective platform for building dynamic web-based applications. Each technology has uses outside of this context, of course, but within it they form something greater than the sum of their parts. This book shows you how to take full advantage of this power, walking you through all the steps required to lay your Linux foundation, install and configure your Apache web server, and then begin using PHP to access content stored in MySQL. Here are a few of the specific topics you'll find covered inside: Installing and configuring qmail with support for IMAP, POP3, SMTP, virtual domains, spam filtering, and antivirus Managing system users and groups Configuring your network Creating a custom firewall script using IP tables Recognizing when a system is in distress Handling MySQL database replication Configuring virtual domains Writing a basic PHP script that integrates with MySQL If you're new to all of this, you'll quickly get to where you need to be to start developing and deploying the higher-level pieces of your web application. Even if you have experience with one or all of these technologies, this book—including its quick-start installation appendix—is a resource you'll want close by whenever you're setting up or fine-tuning your LAMP system.

More businesses and ambitious individuals are trying to bring applications to the Web but they are bewildered with the array of components and concepts needed to create a data-driven site. The cost, stability and ease of development using the Open Source PHP 4 scripting language and a MySQL database makes this combination the best choice for small and mid-size Web-based applications. PHP4/MySQL Database Applications demonstrates web-application development by presenting seven real, ready-to-use examples starting with a simple guess book and ending with a fully-functional e-commerce site with a shopping cart. Inexperienced users will learn the essentials of working with PHP4 and MySQL so they can start building and customizing database applications for the web right away!

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 an informal tone and is easy for beginners to understand · Provides plenty of tips and explanations with useful, real-world examples · A solid, 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.

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

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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.

Beginning PHP, Apache, MySQL Web Development John Wiley & Sons

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.

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

This book is designed to provide a comprehensive guide and resource for the LAMP web development tools (Linux, Apache Web server, MySQL database structure and PHP). This book will help the LAMP professional take his/her 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. This book will also assist those proficient in other languages such as Java, C++, Perl and ASP, in converting to the LAMP environment. This book is based on PHP 5.0 and the most updated versions of Apache and MySQL. All code is XHTML-CSS compliant. · What's New in PHP5? · PHP5 OOP · More Obscure PHP · Advanced MySQL · PHP Configuration · Apache Tricks · Site Security · PEAR and PECL · Code Efficiency · PHP Extensions · AJAX · Caching Engines · Content Management Systems

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.

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

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!

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. Easy, Powerful Code Security Techniques for Every PHP Developer Hackers specifically target PHP Web applications. Why? Because they know many of these apps are written by programmers with little or no experience or training in software security. Don't be victimized. Securing PHP Web Applications will help you master the specific techniques, skills, and best practices you need to write rock-solid PHP code and harden the PHP software you're already using.

Drawing on more than fifteen years of experience in Web development, security, and training, Tricia and William Ballad show how security flaws can find their way into PHP code, and they identify the most common security mistakes made by PHP developers. The authors present practical, specific solutions—techniques that are surprisingly easy to understand and use, no matter what level of PHP programming expertise you have. Securing PHP Web Applications covers the most important aspects of PHP code security, from error handling and buffer overflows to input validation and filesystem access. The authors explode the myths that discourage PHP programmers from attempting to secure their code and teach you how to instinctively write more secure code without compromising your software's performance or your own productivity. Coverage includes Designing secure applications from the very beginning—and plugging holes in applications you can't rewrite from scratch Defending against session hijacking, fixation, and poisoning attacks that PHP can't resist on its own Securing the servers your PHP code runs on, including specific guidance for Apache, MySQL, IIS/SQL Server, and more Enforcing strict authentication and making the most of encryption Preventing dangerous cross-site scripting (XSS) attacks

Systematically testing your applications for security, including detailed discussions of exploit testing and PHP test automation Addressing known vulnerabilities in the third-party applications you're already running Tricia and William Ballad demystify PHP security by presenting realistic scenarios and code examples, practical checklists, detailed visuals, and more. Whether you write Web applications professionally or casually, or simply use someone else's PHP scripts, you need this book—and you need it now, before the hackers find you! 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

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