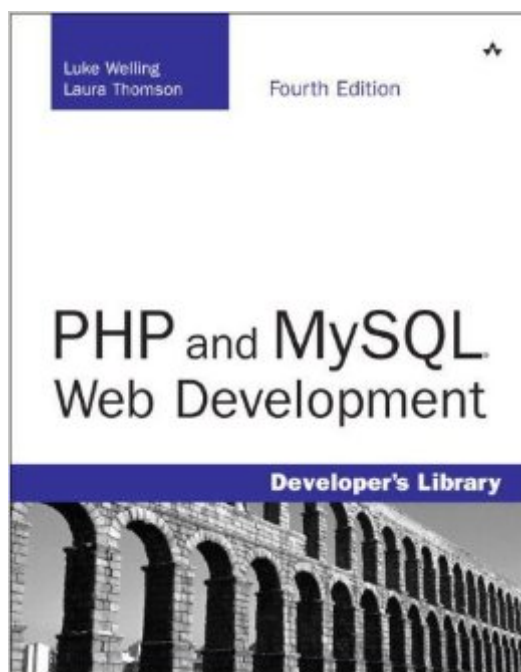# PHP And MySQL Web Development (4th Edition)

Synopsis

PHP and MySQL Web Development, Fourth Edition   The definitive guide to building database-drive 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 includes numerous examples that demonstrate common tasks such as authenticating users, constructing a shopping cart, generating PDF documents and images dynamically, sending and managing email, facilitating user discussions, connecting to Web services using XML, and developing Web 2.0 applications with Ajax-based interactivity.   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.   TABLE OF CONTENTS   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: E-Commerce and Security 14 Running an E-Commerce Site 15 E-commerce Security Issues 16 Web Application Security 17 Implementing Authentication with PHP and MySQL 18 Implementing Secure Transactions with PHP and MySQL Part IV: Advanced PHP Techniques 19 Interacting with the File System and the Server 20 Using Network and Protocol Functions 21 Managing the Date and Time 22 Generating Images 23 Using Session Control in PHP 24 Other Useful Features   Part V: Building Practical PHP and MySQL Projects 25 Using PHP and MySQL for Large Projects 26 Debugging 27 Building User Authentication and Personalization 28 Building a Shopping Cart 29 Building a Web-Based Email Service 30 Building a Mailing List Manager 31 Building Web Forums 32 Generating Personalized PDF Documents 33 Connecting to Web Services with XML and SOAP 34 Building Web 2.0 Applications with Ajax   Part VI: Appendixes Appendix A: Installing PHP and MySQL Appendix B: Web Resources

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Customer Reviews

I'm a development manager with a few other languages under his belt who is interested in getting back into some hobby coding. Specifically I'm looking to put together a FaceBook app hosted on Web Services and from my initial research PHP and MySQL appear to be the way to go.I was disappointed with this book for three reasons. First, I got the Kindle edition and it lacks the critical source code for the examples. The publisher doesn't provide a way to download this on their site so I had to type in the examples by hand (the Kindle app doesn't allow cut and paste for obvious reasons) but I didn't have the images or the files that weren't listed out in the book.Second, the book manages to both be too verbose and not go into enough technical depth. This may be fine for an absolute beginner but I'd guess most people have at least some programming background. It was tedious wading through chapters that didn't clearly call out the unique aspects of PHP compared to other languages. The examples were barely adequate and weren't well thought out to reinforce the critical concepts. The most disappointing was the lackluster authentication examples which fall far short of a secure, robust, and usable customer experience.Finally, the table of contents implies that the book covers software development best practices for large scale PHP web applications. The spartan single chapter on the topic briefly mentions having coding conventions, using source control, limiting the size of your files, doing code reviews, and the importance of testing. Nothing in there is new or useful to anyone that's done any programming before.

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