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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

This textbook has been written in such a way that the concepts are explained with the help of examples. The book covers the topics right from basics of PHP programming such as variables, data types, operators, control structures, arrays to graphics. The book also covers implementation of object oriented concepts such as classes, objects, inheritance, overloading and so on. In the next subsequent unit, the textbook covers creating and validating forms. Finally, the book explains how to connect to database using PHP and MySQL laying more stress on examples. Thus this book helps the students to learn the PHP programming in the most lucid way.

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!

From an idea to a prototype - a complete guide for web development with the Django framework About This Book Explore the best practices to develop applications of a superior quality with Django framework Unravel the common problems of web development in Django This course teaches you major Django functions and will help you improve your skills by developing models,

forms, views, and templates Experience the challenges of working on an end-to-end social network project Who This Book Is For Web developers who want to use modern Python-based web frameworks like Django to build powerful web applications. The course is mostly self-contained and introduces web development with Python to a reader who is familiar with web development concepts and can help him become an expert in this trade. It's intended for all levels of web developers, both students and practitioners from novice to experts. What You Will Learn Use Django models to store information in the database and generate queries to access a database across models Quickly develop web pages to create, read, update, and delete data from the model using class-based views Generate very maintainable forms with Django Import data from local sources and external web services as well as exporting your data to third parties Deep dive into various aspects of Django from models and views to testing and deployment Familiarize yourself with the various nuances of web development such as browser attacks and databases In Detail Data science is hot right now, and the need for multitalented developers is greater than ever before. A basic grounding in building apps with a framework as minimalistic, powerful, and easy-to-learn as Django will be a useful skill to launch your career as an entrepreneur or web developer. Django is a web framework that was designed to strike a balance between rapid web development and high performance. This course will take you on a journey to become an efficient web developer thoroughly understanding the key concepts of Django framework. This learning path is divided into three modules. The course begins with basic concepts of the Django framework. The first module, Django Essentials, is like a practical guide, filled with many real-world examples to build highly effective Django web application. After getting familiar with core concepts of Django, it's time to practice your learning from the first module with the help of over 90 recipes available in this module. In the second module, Web Development with Django Cookbook, you'll learn varying complexities to help you create multilingual, responsive, and scalable websites with Django. By the end of this module, you will have a good understanding of the new features added to Django 1.8 and be an expert at web development processes. The next step is to discover the latest best practices and idioms in this rapidly evolving Django framework. This is what you'll be learning in our third module, Django Design Patterns and Best Practices. This module will teach you common design patterns to develop better Django code. By the end of the module, you will be able to leverage the Django framework to develop a fully functional web application with minimal effort. Style and approach This course includes all the resources that will help you jump into the web development field with Django and learn how to make scalable and robust web applications. The aim is to create a smooth learning path that will teach you how to get started with the powerful Django framework

and perform various web development techniques in depth. Through this comprehensive course, you'll learn web development with Django from scratch to finish!

PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-driven 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

* Teaches Web development using real world tutorials. * Approach to subject is no nonsense, wastes little time on history and unnecessary information; therefore it is very concise and results driven. * Covers vital Web development subjects such as Web standards principles and implementation. * Includes a useful set-up section to guide and get the reader up-and-running quickly and easily (the technology isn't quite as easy to set up as ASP).

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 Ballard 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 Ballard demystify PHP security by presenting realistic scenarios and code examples, practical checklists, detailed visuals, and more. Whether you write Web applica-

tions 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!

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.

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 devel-

oped 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.

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 back-end 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.

The quick growth of computer technology and development of software caused it to be in a constant state of change and advancement. This advancement in software development meant that there would be many types of software developed in order to excel in usability and efficiency. Among these different types of software was open source software, one that grants permission for users to use, study, change, and distribute it freely. Due to its availability, open source software has quickly become a valuable asset to the world of computer technology and across various disciplines including education, business, and library science. The Research Anthology on Usage and Development of Open Source Software presents comprehensive research on the design and development of open source software as well as the ways in which it is used. The text discusses in depth the way in which this com-

puter software has been made into a collaborative effort for the advancement of software technology. Discussing topics such as ISO standards, big data, fault prediction, open collaboration, and software development, this anthology is essential for computer engineers, software developers, IT specialists and consultants, instructors, librarians, managers, executives, professionals, academicians, researchers, and students.

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, 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.

As a web user, you'll no doubt have noticed some of the breathtaking applications available in today's modern web, such as Google Maps and Flickrdesktop applications than the old style web sites you are used to. You've probably also wished that you could create such things, and then thought "nahhh, I'd need to know a lot of complicated code to be able to even start creating sites like these." Well, think again. There is a lot of complicated code involved in cutting-edge "Ajax-style" web applications, but a lot of the hard work is already done for you, and available on the Web. JavaScript libraries exist to provide most of that Ajax/DOM Scripting functionality out of the box. Application programming interfaces (APIs) exist to allow you to transplant complicated applications such as Google Maps and Flickr right into your own web sites. And hosting services such as Flickr and YouTube provide all you need to store and retrieve your media (be it images, video, or whatever) at your leisure, without having to worry about bandwidth issues and file naming nightmares. All you need to know is enough to successfully wire together all this functionality successfully and responsibly, and this book shows you how. It starts from the very beginning of your journey, showing you what's available, what you need, and how to set up an effective development environment. After a solid base has been built, it shows you how to build up each aspect of your site, including storing, retrieving, and displaying content, adding images and video to your site, building effective site navigation and laying it all out beautifully using CSS, promoting your content so you will attract visitors to your site, and adding special effects to enhance usability and design aesthetics...all with ready-made functionality available on the Web! Life as a web developer has never been easier.

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

Get up and running with Magento 2 to create custom solutions, themes, and extensions effectively About This Book Create

unique solutions for Magento 2 by developing and implementing solutions, themes, and extensions Be proficient in the main functionalities, resources, and system structure of Magento 2 Get to grips with this practical and hands-on guide to raise your web development skills to the next level Who This Book Is For If you are a PHP developer who wants to improve your skills in e-commerce development by creating themes and extensions for Magento 2, then this book is for you. What You Will Learn Install and set up the Magento Ecosystem Choose the best options for Magento's Sell System features Work with Search Engine Optimization in Magento Create and customize themes for Magento Develop extensions for new Magento functionalities Package extensions to publish in the Magento Connect network Create Magento solutions for mobile devices Carry out performance adjustments to speed up your Magento system In Detail Magento is the e-commerce software and platform trusted by the world's leading brands. Used by thousands of merchants for their transactions worth billions, it provides the flexibility to customize the content and functionality of your website. By strengthening your fundamentals in Magento development, you can develop the best solutions and take advantage of the growing market. This fast-paced tutorial will provide you with skills you need to successfully create themes, extensions, and solutions to Magento 2 projects. This book begins by setting up Magento 2 before gradually moving on to setting the basic options of the Sell System. You will take advantage of Search Engine Optimization aspects, create design and customize theme layout, develop new extensions, and adjust the Magento System to achieve great performance. By sequentially working through the steps in each chapter, you will quickly explore all the features of Magento 2 to create a great solution. With ample examples and a practical approach, this book will ensure your success with this astonishing e-commerce management system. Style and approach This book would be a fast-paced tutorial guide that uses hands-on examples to developing new solutions for Magento e-commerce system. Each topic is explained sequentially in the process of creating a Magento solution, along with detailed explanations of the basic and advanced features of Magento 2.

Harness the power of Drupal 8 to create enterprise-grade, highly scalable websites About This Book Build complete, complex websites with no prior knowledge of web development entirely using the intuitive Drupal user interface Ensure your sites are modern, responsive and mobile-friendly through utilizing the full features available in Drupal 8 Quickly master theme administration, custom block layouts, views, and the Twig template structure Who This Book Is For This course is suitable for web developers, designers, as well as web administrators who are keen on building modern, scalable websites using Drupal 8 and its wide range of new features What You Will Learn Set up a local "stack" development environment and install your first Drupal 8 site Find out what is available in the Drupal 8 core Integrate third-party front-end and back-end libraries with Drupal Understand the plugin system that powers many of Drupal 8's new APIs to extend its functionality Build custom block layouts with reusable and fieldable blocks Work with the new Twig PHP templating engine Develop a theme from scratch following a step-by-step project outline In Detail This Drupal 8 course takes you through the journey of building, extending, and customizing websites to build highly scalable and enterprise-ready websites. The first part—Learning Drupal 8—takes you step by step through building a Drupal 8 website. You will start with the basics, such as setting up a local "stack" development environment and installing your first Drupal 8 site, then we move on to image and media handling and extending Drupal modules. This section will help you get to grips with the modular nature of Drupal, and you'll learn how to extend it by adding new

functionalities to create your new modules. After learning to develop and manage a modern and responsive website using Drupal 8, you'll start exploring different techniques to take advantage of the new Drupal 8 features. The next module—Drupal 8 Development Cookbook—is your go-to guide to experimenting with all of Drupal 8's features through helpful recipes. You will explore techniques to customize and configure the Drupal environment, create blocks and custom modules, as well as make your web apps responsive by harnessing the mobile-first feature of Drupal 8. This module will also show you how to incorporate multilingual facilities in your sites, use web services and third-party plugins with your applications from inside Drupal 8, and test and deploy your apps. In the third part—Drupal 8 Theming with Twig—you will master Drupal 8's new Twig templating engine to customize the look and feel of your website. This section will walk you through a real-world project to create a Twig theme from concept to completion while adopting best practices to implement CSS frameworks and JavaScript libraries. You will see just how quick and easy it is to create beautiful, responsive Drupal 8 websites while avoiding the common mistakes that many front-end developers make. By the end, you will have learned how to develop, manage, extend, and customize an enterprise-level website. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Learning Drupal 8 by Nick Abbott and Richard Jones Drupal 8 Development Cookbook by Matt Glaman Drupal 8 Theming with Twig by Chaz Chumley Style and approach This course offers a thorough coverage of developing, managing, extending, and designing highly scalable websites using the Drupal 8 platform. Filled with practical examples and recipes, this course is a great combination of example-driven learning complemented by interesting techniques to take advantage of the Drupal platform.

A guide to PHP 6 Web development includes instructions to create a simple database and sample table, a basic PHP language reference, and a MySQL language primer.

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 basics like how to create simple PHP scripts and then build on to more 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 and fun style. In the book, you work through many code examples that strengthen your programming drip by drip. If the need arises, we point you to resources where you learn more advanced topics. We do not attempt to cover everything, but we are confident to turn a beginner into someone who can code dynamic sites.

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

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

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

* 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.

* 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 mini-books 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

Client-Centered Software Development: The CO-FOSS Approach introduces a method to creating a customized software product for a single client, either from scratch or by reusing open source components. The clients are typically non-profit humanitarian, educational, or public service organizations. This approach has been used in undergraduate courses where students learn the principles of software development while implementing a real-world software product. This book provides instructors, students, clients, and professional software developers with detailed guidance for developing a new CO-FOSS product from conceptualization to completion. Features Provides instructors, students, clients, and professional software developers with a roadmap for the development of a new CO-FOSS product from conceptualization to completion Motivates students with real-world projects and community service experiences Teaches all elements of the software process, including requirements gathering, design, col-

laboration, coding, testing, client communication, refactoring, and writing developer and user documentation Uses source code that can be reused and refitted to suit the needs of future projects, since each CO-FOSS product is free and open source software Provides links to a rich variety of resources for instructors and students to freely use in their own courses that develop new CO-FOSS products for other non-profits.

The Web Development Glossary is probably the largest of its kind. With more than 2,000 terms and explanations it acquaints and reunites you with the major standards and concepts of the Web, with HTML, CSS, JavaScript, accessibility, security, performance, code quality, internationalization, localization, editors and tooling and more. The glossary then goes beyond web development, touching on computer science, design, typography, usability and user experience, information as well as project management, other disciplines of interest and relevance to the modern developer. It goes beyond, inspiring the curiosity to learn more about the Web and the people creating and using it. And still it is a glossary, of a couple of thousand terms for developers, leaning on (and giving back to) Wikipedia and the MDN Web Docs. → This is the book if you choose to extend and validate your web and software development knowledge.

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.

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.

Web development has grown to become vital in shaping how humans interact, work, learn, and consume. *Practical Web Development* provides you with a roadmap of web development today, giving you the tools you need and the guidance to keep you creative and productive in a world of disruption and innovation. Beginning with the structure of the Web and the principles of building basic websites with HTML, you will learn about CSS, JavaScript, and PHP, before taking a closer look at some of the leading technologies used to build the modern Web. You will integrate jQuery, Ajax, and JSON into your projects before moving on to the latest tools and techniques in responsive web design, including Zurb Foundation or Bootstrap, to help you meet the challenges of developing for multiple devices, and explore how Node.js offers a powerful solution to server-side application development. This book is for anyone that wants to get to grips with the broader pic-

ture of web development today.

Web Development with JavaScript and Ajax Illuminated provides readers with the cutting-edge techniques needed for web development in Web 2.0. It is ideal for the undergraduate student delving into the world of web development or novice web developers looking to further their understanding of JavaScript and Ajax. This text illustrates how to create dynamic, interactive web applications with ease, and interesting real-world case studies throughout the text offer students a glimpse of actual web development scenarios.

Provides information on creating a Web site using Apache Web server, the MySQL database system, and the PHP scripting language.

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, 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 Man-

aging 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

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

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.

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!