Php And Mysql Web Development Developers Library

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Freelance Web Developer 101 HowExpert 2019-04-12 You probably use websites every day, but have you ever thought about building them? With the help of this book, now you can! In this exceptional step-by-step guide, you'll learn what web development is all about, which resources will help you master it, and how you can build stunning and interactive websites. After instructing you on how to create your own personal web portfolio, the author will take you through all the major web development languages and technologies, including the following: • HTML • CSS • JavaScript • Bootstrap and jQuery • PHP and MySQL • WordPress Each of these chapters contains best practices and tips for success as well as a "Show Your Skills" section with practical and fun project ideas for you to apply what you're learning. For example, "Write a JavaScript program that will run the game Chutes and Ladders thousands of time and determine the minimum, maximum, and average number of turns to win." Lastly, you'll find out how to transform your newfound hobby into a profitable career by becoming a freelance web developer. The author will share tips for perfecting your portfolio and finding clients, especially through the popular freelancing website Upwork. If you've ever been curious about web development but didn't know where to start, this book is for you! Come and embrace both your creativity and logic by delving into the wonderful world of web development! About the Expert: Liz Kazandhy is a passionate web developer who also greatly enjoys writing and editing. As the daughter of a software engineer, she has always had a knack for technology, so when she stumbled upon web development in 2016, it was love at first keystroke. She studied it voraciously and began building websites related to her personal interests, like RandomScriptureVerse.com. In time, she started branching out and building websites for others, like JonathanWhitlockArt.com. Liz currently lives in Orem, UT, with her husband Vlad and two energetic young daughters, Katya and Sophia. In the rare moments when the kids are asleep and the housework is done, she enjoys reading, writing, and developing websites. HowExpert publishes quick 'how to' guides on all topics from A to Z by everyday experts.
Test-Driven iOS Development Graham Lee 2012-04-12 As iOS apps become increasingly complex and business-critical, iOS developers must ensure consistently superior code quality. This means adopting best practices for creating and testing iOS apps. Test-Driven Development (TDD) is one of the most powerful of these best practices. Test-Driven iOS Development is the first book 100% focused on helping you successfully implement TDD and unit testing in an iOS environment. Long-time iOS/Mac developer Graham Lee helps you rapidly integrate TDD into your existing processes using Apple's Xcode 4 and the OCUnit unit testing framework. He guides you through constructing an entire Objective-C iOS app in a test-driven manner, from initial specification to functional product. Lee also introduces powerful patterns for applying TDD in iOS development, and previews powerful automated testing capabilities that will soon arrive on the iOS platform. Coverage includes Understanding the purpose, benefits, and costs of unit testing in iOS environments Mastering the principles of TDD, and applying them in areas from app design to refactoring Writing usable, readable, and repeatable iOS unit tests Using OCUnit to set up your Xcode project for TDD Using domain analysis to identify the classes and interactions your app needs, and designing it accordingly Considering third-party tools for iOS unit testing Building networking code in a test-driven manner Automating testing of view controller code that interacts with users Designing to interfaces, not implementations Testing concurrent code that typically runs in the background Applying TDD to existing apps Preparing for Behavior Driven Development (BDD) The only iOS-specific guide to TDD and unit testing, Test-Driven iOS Development covers both essential concepts and practical implementation.
Programming in Objective-C Stephen G. Kochan 2011-06-10 Programming in Objective-C is a concise, carefully written tutorial on the basics of Objective-C and object-oriented programming for the iOS and Mac platforms. The book makes no assumptions about prior experience with object-oriented programming languages or with the C language (which Objective-C is based upon). Because of this, both beginners and experienced programmers alike can use this book to quickly and effectively learn the fundamentals of Objective-C. Readers can also learn the concepts of object-oriented programming without having to first learn all of the intricacies of the underlying procedural language (C). This unique approach to learning, combined with many small program examples and exercises at the end of each chapter, makes Programming in Objective-C ideally suited for either classroom use or self-study. While the Objective-C language itself has gone through relatively minor changes since the introduction of Objective-C 2.0, the Apple development tools that programmers use for Objective-C development on the Mac and on iOS have changed significantly in a very short period of time. The third edition of Programming in Objective-C includes numerous updates and improvements throughout the book: Improved organization for some chapters Incorporation of feedback and suggestions from members of the author's forum for readers, including more detailed descriptions for some of the examples A new introduction to blocks with examples Replacement of deprecated methods with newer methods Updated diagrams and steps for using Xcode 4
C++ Primer Plus Stephen Prata 2011-10-18 C++ Primer Plus, Sixth Edition New C++11 Coverage C++ Primer Plus is a carefully crafted, complete tutorial on one of the most significant and widely used programming languages today. An accessible and easy-to-use self-study guide, this book is appropriate for both serious students of programming as well as developers already proficient in other languages. The sixth edition of C++ Primer Plus has been updated and expanded to cover the latest developments in C++, including a detailed look at the new C++11 standard. Author and educator Stephen Prata has created an introduction to C++ that is instructive, clear, and insightful. Fundamental programming concepts are explained along with details of the C++ language. Many short, practical examples illustrate just one or two concepts at a time, encouraging readers to master new topics by immediately putting them to use. Review questions and programming exercises at the end of each chapter help readers zero in on the most critical information and digest the most difficult concepts. In C++ Primer Plus, you'll find depth, breadth, and a variety of teaching techniques and tools to enhance your learning: A new detailed chapter on the changes and additional capabilities introduced in the C++11 standard Complete, integrated discussion of both basic C language and additional C++ features Clear guidance about when and why to use a feature Hands-on learning with concise and simple examples that develop your understanding a concept or two at a time Hundreds of practical sample programs Review questions and programming exercises at the end of each chapter to test your understanding Coverage of generic C++ gives you the greatest possible flexibility Teaches the ISO standard, including discussions of templates, the Standard Template Library, the string class, exceptions, RTTI, and namespaces Table of Contents 1: Getting Started with C++ 2: Setting Out to C++ 3: Dealing with Data 4: Compound Types 5: Loops and Relational Expressions 6: Branching Statements and Logical Operators 7: Functions: C++'s Programming Modules 8: Adventures in Functions 9: Memory Models and Namespaces 10: Objects and Classes 11: Working with Classes 12: Classes and Dynamic Memory Allocation 13: Class Inheritance 14: Reusing Code in C++ 15: Friends, Exceptions, and More 16: The string Class and the Standard Template Library 17: Input, Output, and Files 18: The New C++11 Standard A Number Bases B C++ Reserved Words C The ASCII Character Set D Operator Precedence E Other Operators F The stringTemplate Class G The Standard Template Library Methods and Functions H Selected Readings and Internet Resources I Converting to ISO Standard C++ J Answers to Chapter Reviews
PHP and MySQL Web Development All-in-One Desk Reference For Dummies Janet Valade 2011-03-03 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!
Learning PHP, MySQL & JavaScript Robin Nixon 2021-07-22 Build interactive, data-driven websites with the potent combination of open source technologies and web standards, even if you have only basic HTML knowledge. With the latest edition of this popular hands-on guide, you'll tackle dynamic web programming using the most recent versions of today's core technologies: PHP, MySQL, JavaScript, CSS, HTML5, jQuery, and the powerful React library. Web designers will learn how to use these technologies together while picking up valuable web programming practices along the way—including how to optimize websites for mobile devices. 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 MySQL PDO 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 JavaScript with the React library Use Ajax calls for background browser-server communication Style your web pages by acquiring CSS skills Implement HTML5 features, including geolocation, audio, video, and the canvas element Reformat your websites into mobile web apps
Web Development with TIBCO General Interface Anil Gurnani 2009-02-05 This is the eBook version of the book and does not include a CD. All CD materials are available for download at informit.com/title/0321563298 ¿ Web Development with TIBCO General Interface Building AJAX Clients for Enterprise SOA ¿ Anil Gurnani ¿ Use TIBCO General Interface to build web applications with state-of-the-art performance and usability ¿ TIBCO General Interface provides powerful tools and a framework to craft AJAX-based web applications that rival desktop applications in performance and usability. This is the only book that offers developers thorough guidance for using TIBCO's award-winning open source tools to build interactive, high-performance GUIs and integrate them with leading server-side technologies. Experienced TIBCO General Interface developer Anil Gurnani focuses on applying General Interface in real-world production applications and presents numerous working examples that can easily be adapted for your existing sites and applications. ¿ You'll first walk through the fundamental concepts and techniques needed to build powerful General Interface clients. Next, you'll dive into specific back-end technologies, mastering them through start-to-finish case study projects. Finally, drawing on his own experience building enterprise-class General

Interface applications for the financial services industry, Gurnani illuminates advanced topics ranging from charting and collaboration to application optimization. Coverage includes Integrating XML and XSL with TIBCO General Interface's XML Mapping utility Extending General Interface widgets with object-oriented JavaScript Integrating with web services, databases, portals, and messaging systems: start-to-finish case study sample applications Integrating General Interface applications into service-oriented enterprises using Enterprise Service Bus (ESB) Using OpenAJAX Hub (TIBCO PageBus) to simplify collaboration among GUI components ¿ Anil Gurnani's book greatly augments the available information for developers learning and using TIBCO's General Interface. ...With this book, you will quickly be building General Interface applications, faster and easier than ever before. —Michael Peachey, co-founder of General Interface and Director of User Experience, TIBCO Software ¿ Anil Gurnani has written extensively on technical topics for many prestigious magazines. He is an adjunct at SCPS, New York University, where he teaches advanced courses focused on web and enterprise technologies including Core Java, JEE, and .NET. He is also an expert at managing large, global, multifunctional teams to architect and build complex distributed systems with a portfolio of front-end applications and back-end services.
Linux for Developers William Rothwell 2017-04-17 Linux for Developers shows you how to start writing great code for Linux, whether you're a Linux user with little or no coding experience, or an experienced Windows programmer. Leading IT trainer/author William "Bo" Rothwell begins with a clear and up-to-date review of modern open source software, including the licensing arrangements and tradeoffs all developers need to understand. He presents essential skills for both Linux command line and GUI environments, introducing text editors and other tools for efficient coding. Building on this knowledge, Rothwell introduces scripting tools such as Bash, Python, and Perl, as well as traditional object-oriented programming languages such as Java, C++, and C. Finally, he presents a full section on the powerful Git version control system, teaching skills you can use in Linux and many other environments. Access Linux systems, use GUIs, and work at the command line Learn how Linux organizes files and navigate its filesystem Use basic developer commands such as gzip and grep Edit programs with vi and vim, and explore alternative editors Perform basic sysadmin tasks that developers often need to handle Compare Linux languages to choose the best one for each task Write Bash scripts that interact with users or other shell features Program with Python and Perl: flow control, variables, and more Understand Linux features related to building C, C++, and Java programs Stay on top of complex projects with GIT revision control Work in GIT: staging, committing, branches, diffs, merges, and patches Manage local and remote GIT repositories This guide's modular coverage helps you quickly access whatever information you need right now.
Php 7 Programming Cookbook 2016
Programming in CoffeeScript Mark Bates 2012 Provides information on using CoffeeScript to build applications, covering such topics as syntax, functions, control structures, classes, and Jasmine.
Programming in Objective-C 2.0 Stephen G. Kochan 2008-12-29 THE #1 BESTSELLING BOOK ON OBJECTIVE-C 2.0 Programming in Objective-C 2.0 provides the new programmer a complete, step-by-step introduction to Objective-C, the primary language used to develop applications for the iPhone, iPad, and Mac OS X platforms. The book does not assume previous experience with either C or object-oriented programming languages, and it includes many detailed, practical examples of how to put Objective-C to use in your everyday iPhone/iPad or Mac OS X programming tasks. A powerful yet simple object-oriented programming language that's based on the C programming language, Objective-C is widely available not only on OS X and the iPhone/iPad platform but across many operating systems that support the gcc compiler, including Linux, Unix, and Windows systems. The second edition of this book thoroughly covers the latest version of the language, Objective-C 2.0. And it shows not only how to take advantage of the Foundation framework's rich built-in library of classes but also how to use the iPhone SDK to develop programs designed for the iPhone/iPad platform. Table of Contents 1 Introduction Part I: The Objective-C 2.0 Language 2 Programming in Objective-C 3 Classes, Objects, and Methods 4 Data Types and Expressions 5 Program Looping 6 Making Decisions 7 More on Classes 8 Inheritance 9 Polymorphism, Dynamic Typing, and Dynamic Binding 10 More on Variables and Data Types 11 Categories and Protocols 12 The Preprocessor 13 Underlying C Language Features Part II: The Foundation Framework 14 Introduction to the Foundation Framework 15 Numbers, Strings, and Collections 16 Working with Files 17 Memory Management 18 Copying Objects 19 Archiving Part III: Cocoa and the iPhone SDK 20 Introduction to Cocoa 21 Writing iPhone Applications Part IV: Appendixes A Glossary B Objective-C 2.0 Language Summary C Address Book Source Code D Resources
NodeJs, MongoDB, and AngularJS Web Development Brad Dayley 2014-06-05 The definitive guide to building JavaScript-based Web applications from server to browser Node.js, MongoDB, and AngularJS are three new web development technologies that together provide an easy to implement, fully integrated web development stack. Node.js is a leading server-side programming environment, MongoDB is the most popular NoSQL database, and AngularJS is quickly becoming the leading framework for MVC-based front-end development. Together they allow web programmers to create high-performance sites and applications built completely in JavaScript, from server to client. Node.js, MongoDB and AngularJS Web Development is a complete guide for web programmers who want to integrate these three technologies into full working solutions. It begins with concise, crystal-clear tutorials on each of the three technologies and then quickly moves on to building several common web applications. Readers will learn how to use Node.js and MongoDB to build more scalable, high-performance sites, how to leverage AngularJS's innovative MVC approach to structure more effective pages and applications, and how to use all three together to deliver outstanding next-generation Web solutions.
Beginning MySQL Database Design and Optimization Chad Russell 2004-10-18 * Shows how to take advantage of MySQL's built-in functions, minimizing the need to process data once it's been retrieved from the database. * Demonstrates how to write and use advanced and complex queries to cut down on middleware application logic, including nested sub-queries and virtual tables (added since MySQL 4.1). * Points out database design do's and don'ts, including many real-world examples of bad database designs and how the databases were subsequently improved. * Includes a review of MySQL fundamentals and essential theory, such as naming conventions and connections, for quick reference purposes.
MySQL Paul DuBois 2013-03-28 MySQL, Fifth Edition by Paul DuBois The definitive guide to using, programming and administering MySQL 5.5 and MySQL 5.6 MySQL provides a comprehensive guide to effectively using and administering the MySQL database management system (DBMS). Author Paul DuBois describes everything from the basics of getting information into a database and formulating queries, to using MySQL with PHP or Perl to generate dynamic web pages, to writing your own programs that access MySQL databases, to administering MySQL servers. The book also includes a comprehensive reference section providing detailed information on MySQL's structure, language, syntax, and APIs. The fifth edition of this bestselling book has been meticulously revised and updated to thoroughly cover the latest features and capabilities of MySQL 5.5, as well as to add new coverage of features introduced with MySQL 5.6. MySQL is an open source relational database management system (DBMS) that has experienced a phenomenal growth in popularity and use. Known for its speed and ease of use, MySQL has proven itself to be particularly well-suited for developing database-backed websites and applications. MySQL runs on anything from modest hardware all the way up to enterprise servers, and its performance rivals any database system put up against it. Paul DuBois' MySQL, Fifth Edition, is the definitive guide to fully exploiting all the power and versatility of MySQL 5.5 and MySQL 5.6 Contents at a Glance Part I: General MySQL Use Chapter 1 Getting Started with MySQL Chapter 2 Using SQL to Manage Data Chapter 3 Data Types Chapter 4 Views and Stored Programs Chapter 5 Query Optimization Part II: Using MySQL Programming Interfaces Chapter 6 Introduction to MySQL Programming Chapter 7 Writing MySQL Programs Using C Chapter 8 Writing MySQL Programs Using Perl DBI Chapter 9 Writing MySQL Programs Using PHP Part III: MySQL Administration Chapter 10 Introduction to MySQL Administration Chapter 11 The MySQL Data Directory Chapter 12 General MySQL Administration Chapter 13 Security and Access Control Chapter 14 Database Maintenance, Backups, and Replication Part IV: Appendixes Appendix A Software Required to Use This Book Appendix B Data Type Reference Appendix C Operator and Function Reference Appendix D System, Status, and User Variable Reference Appendix E SQL Syntax Reference Appendix F MySQL Program Reference Online Appendixes: Appendix G C API Reference Appendix H Perl DBI API Reference Appendix I PHP API Reference
Windows Phone 7 for iPhone Developers Kevin Hoffman 2011-08-08 Bring Your iPhone Apps and Skills to Windows Phone 7—or Build Apps for Both Mobile Platforms at Once If you've been developing for the crowded iPhone marketplace, this book will help you leverage your iOS skills on a fast-growing new platform: Windows Phone 7 (WP7). If you're a .NET programmer, it will help you build advanced WP7 mobile solutions that reflect valuable lessons learned from iPhone developers. If you're a mobile development manager, it offers indispensable insights for planning cross-platform projects. Kevin Hoffman guides you through the entire WP7 SDK, showing how it resembles Apple's iOS SDK, where it differs, and how to build production-quality WP7 apps that sell. Step by step, you'll master each technology you'll need, including C#, Silverlight and XAML. Every new concept is introduced along with all the tools and background needed to apply it. Hoffman's practical insights extend into every facet of WP7 development: building stunning user interfaces; hardware and device services; WP7's unique Application Tiles; Push Notifications; the Phone Execution Model, local storage, smart clients, MVVM design, security, social gaming, testing, debugging, deployment, and more. A pleasure to read and packed with realistic examples, this is the most useful Windows Phone 7 development book you can find. ·¿¿¿¿¿¿¿ Compare Apple's Objective-C and Microsoft's C#: "second cousins twice removed" ·¿¿¿¿¿¿¿ Apply C# object techniques—including encapsulation, inheritance, contracts, and interfaces ·¿¿¿¿¿¿¿ Build rich, compelling user interfaces based on Silverlight, XAML, and events ·¿¿¿¿¿¿¿ Move from Apple's Xcode to Visual Studio 2010 and from Interface Builder to Expression Blend ·¿¿¿¿¿¿¿ Leverage hardware and device services, including the accelerometer, GPS, photos, contacts, e-mail, and SMS ·¿¿¿¿¿¿¿ Create dynamic application Tiles to appear on the Start screen ·¿¿¿¿¿¿¿ "Push" raw data notifications to running apps ·¿¿¿¿¿¿¿ Understand and use the Windows Phone 7 phone execution model ·¿¿¿¿¿¿¿ Efficiently store and retrieve data on WP7 phones ·¿¿¿¿¿¿¿ Build "smart clients" that sync locally stored data with web services ·¿¿¿¿¿¿¿ Manage growing app complexity through "separation of concerns" and MVVM (Model-View-View Model) ·¿¿¿¿¿¿¿ Use TDD and automated testing to accelerate and streamline development ·¿¿¿¿¿¿¿ Create casual, connected games and social apps ·¿¿¿¿¿¿¿ Secure apps without incurring unacceptable tradeoffs

˙¿¿¿¿¿¿¿¿ Successfully deploy apps to the Marketplace

PHP and MySQL Web Development Luke Welling 2003 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 Luke Welling

PHP, MySQL, & JavaScript All-in-One For Dummies Richard Blum 2018-04-10 Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, mySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know.

The Object-oriented Thought Process Matt A. Weisfeld 2004 A new edition of this title is available, ISBN-10: 0672330164 ISBN-13: 9780672330162 The Object-Oriented Thought Process, Second Edition will lay the foundation in object-oriented concepts and then explain how various object technologies are used. Author Matt Weisfeld introduces object-oriented concepts, then covers abstraction, public and private classes, reusing code, and devloping frameworks. Later chapters cover building objects that work with XML, databases, and distributed systems (including EJBs, .NET, Web Services and more).Throughout the book Matt uses UML, the standard language for modeling objects, to provide illustration and examples of each concept.

Advances in E-Learning: Experiences and Methodologies García-Peñalvo, Francisco José 2008-03-31 Web-based training, known as e-learning, has experienced a great evolution and growth in recent years, as the capacity for education is no longer limited by physical and time constraints. The emergence of such a prized learning tool mandates a comprehensive evaluation of the effectiveness and implications of e-learning. Advances in E-Learning: Experiences and Methodologies explores the technical, pedagogical, methodological, tutorial, legal, and emotional aspects of e-learning, considering and analyzing its different application contexts, and providing researchers and practitioners with an innovative view of e-learning as a lifelong learning tool for scholars in both academic and professional spheres.

Open Source Database Driven Web Development Isaac Dunlap 2006-09-30 Almost every organization seeks a simple means of managing, publishing and/or providing searchable web access to information. Written by a knowledgeable web developer, this book demonstrates the simplicity, cost-effectiveness, and versatility of designing database driven web applications with Open Source resources. Case studies of 'real world' implementations address both theoretical aspects and practical considerations of developing applications with the easy-to-use PHP scripting language and powerful MySQL relational database. Project organization and design issues are considered along with basic coding examples, accessibility standards and implementation advice. Introduces popular Open Source database tools (MySQL/PHP) and basic development skills, bringing database driven technology within the reach of any web developer Explores strategies for improving content management, web publishing and information access Uses non-technical language and presents seven university library web database case studies

Linux Kernel Development Robert Love 2010-06-22 Linux Kernel Development details the design and implementation of the Linux kernel, presenting the content in a manner that is beneficial to those writing and developing kernel code, as well as to programmers seeking to better understand the operating system and become more efficient and productive in their coding. The book details the major subsystems and features of the Linux kernel, including its design, implementation, and interfaces. It covers the Linux kernel with both a practical and theoretical eye, which should appeal to readers with a variety of interests and needs. The author, a core kernel developer, shares valuable knowledge and experience on the 2.6 Linux kernel. Specific topics covered include process management, scheduling, time management and timers, the system call interface, memory addressing, memory management, the page cache, the VFS, kernel synchronization, portability concerns, and debugging techniques. This book covers the most interesting features of the Linux 2.6 kernel, including the CFS scheduler, preemptive kernel, block I/O layer, and I/O schedulers. The third edition of Linux Kernel Development includes new and updated material throughout the book: An all-new chapter on kernel data structures Details on interrupt handlers and bottom halves Extended coverage of virtual memory and memory allocation Tips on debugging the Linux kernel In-depth coverage of kernel synchronization and locking Useful insight into submitting kernel patches and working with the Linux kernel community

PHP and MySQL Web Development Luke Welling 2016-09-27 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 MySQL Database from the Web with PHP 12 Advanced MySQL Administration 13 Advanced MySQL Programming Part III: Web Application Security 14 Web Application Security Risks 15 Building a Secure Web Application 16 Implementing Authentication Methods with PHP Part IV: Advanced PHP Techniques 17 Interacting with the File System and the Server 18 Using Network and Protocol Functions 19 Managing the Date and Time 20 Internationalization and Localization 21 Generating Images 22 Using Session Control in PHP 23 Integrating JavaScript and PHP 24 Other Useful Features Part V: Building Practical PHP and MySQL Projects 25 Using PHP and MySQL for Large Projects 26 Debugging and Logging 27 Building User Authentication and Personalization 28 (Web Edition) Building a Web-Based Email Client with Laravel Part I 29 (Web Edition) Building a Web-Based Email Client with Laravel Part II 30 (Web Edition) Social Media Integration Sharing and Authentication 31 (Web Edition) Building a Shopping Cart Part VI: Appendix A Installing Apache, PHP, and MySQL

Web Service APIs and Libraries Jason Paul Michel 2013 This book shows how to enhance an institution's presence on the Web with tools that integrate a variety of handy, popular programs. Application Programming Interfaces (APIs) are software tools that help different programs work together, and Michel shows readers how to integrate them into existing library websites as well as use them to launch new kinds of services. Offering step-by-step guidance, this book Uses real-world examples to show how APIs can be used to promote library materials and events, visualize data, educate patrons, and mobilize library services Demonstrates how to create and manage widgets for photo galleries, instant reporting on computer/printer availability, featured book titles and book reviews from library users, tracking usage data, and many other library functions Includes instructions for working with popular tools such as Flickr, YouTube, Vimeo, Twitter, Google Charts, OCLC, WordPress, Goodreads, LibraryThing, and the Hathi Trust Provides plentiful screenshots, snippets of HTML code, and easy-to-follow samples to ensure that even novices will feel comfortable integrating APIs into their marketing plans Focusing on widely adopted tools that all have immediate, useful applications, this practical book will help extend any library's reach.

PHP and MySQL Web Development Luke Welling 2008-10-01 PHP and MySQL Web Development, Fourth Edition The definitive guide to building database-drive Web applications with PHP and MySQL And MySQL are popular open-source technologies that are ideal for quickly developing database-driven Web applications. PHP is a powerful scripting language designed to enable developers to create highly featured Web applications quickly, and MySQL is a fast, reliable database that integrates well with PHP and is suited for dynamic Internet-based applications. PHP and MySQL Web Development shows how to use these tools together to produce effective, interactive Web applications. It clearly describes the basics of the PHP language, explains how to set up and work with a MySQL database, and then shows how to use PHP to interact with the database and the server. The fourth edition of PHP and MySQL Web Development has been thoroughly updated, revised, and expanded to cover developments in PHP 5 through version 5.3, such as namespaces and closures, as well as features introduced in MySQL 5.1. This is the eBook version of the title. To gain access to the contents on the CD bundled with the printed book, please register your product at informit.com/register

PHP and MySQL Manual Simon Stobart 2004 This comprehensive manual covers the basic core of the language, with lots of practical examples of some of the more recent and useful features available in version 5.0. MySQL database creation and development is also covered, as it is the developer database most commonly used alongside PHP. It will be an invaluable book for professionals wanting to use PHP to develop their own dynamic web pages.

Web Developer's Reference Guide Joshua Johanan 2016-03-28 A one-stop guide to the essentials of web development including popular frameworks such as jQuery, Bootstrap, AngularJS, and Node.js About This Book Understand the essential elements of HTML, CSS, and JavaScript, including when and how to use them Walk through three of the best and most popular web development frameworks – jQuery, Bootstrap, and AngularJS References for any function you will need in your day-to-day web development Who This Book Is For This book is perfect for beginners but more advanced web developers will also benefit. Laid out so you can refer to as much or as little as you need to, with this book you can exhaustively explore essential concepts for modern web developers. What You Will Learn Explore detailed explanations of all the major HTML elements and attributes, illustrated with examples Take a deep dive into CSS properties and functions and master their usage Find clear, concise descriptions of JavaScript syntax and expressions Recognize various JavaScript design patterns and learn the basics of JavaScript object-orientated programming Implement the latest ECMAScript 6 for client-side scripting in your web applications Discover new ways to develop your website's front end quickly and easily using Bootstrap Write JavaScript extensibly using jQuery-JavaScript's feature-rich library Delve into the key Node.js modules used in JavaScript server-side programming Access AngularJS's important modules, controllers, directives, and services quickly In Detail This comprehensive reference

guide takes you through each topic in web development and highlights the most popular and important elements of each area. Starting with HTML, you will learn key elements and attributes and how they relate to each other. Next, you will explore CSS pseudo-classes and pseudo-elements, followed by CSS properties and functions. This will introduce you to many powerful and new selectors. You will then move on to JavaScript. This section will not just introduce functions, but will provide you with an entire reference for the language and paradigms. You will discover more about three of the most popular frameworks today—Bootstrap, which builds on CSS, jQuery which builds on JavaScript, and AngularJS, which also builds on JavaScript. Finally, you will take a walk-through Node.js, which is a server-side framework that allows you to write programs in JavaScript. Style and approach This book is an easy-to-follow, comprehensive reference guide. Each topic, function, or element is listed methodically along with parameters, return values, and descriptions. Examples are also included to help you put the concepts to use quickly in the real world.

Kotlin for Android App Development Peter Sommerhoff 2018-12-17 Write More Robust and Maintainable Android Apps with Kotlin "Peter Sommerhoff takes a practical approach to teaching Kotlin by providing a larger set of code listings that demonstrate language features and by guiding readers through the development of two Android apps step by step. . . . Peter finds a good balance between what is essential and what can be left to readers, so this book is an efficient yet comprehensible source for starting programming with Kotlin." –Bernhard Rumpe, Professor of Software Engineering, RWTH Aachen University The Kotlin language brings state-of-the-art programming techniques and constructs to Android development. Kotlin for Android App Development will help you rapidly understand Kotlin's principles and techniques, apply Kotlin in production app development, integrate Kotlin with existing Java code, and plan a migration to Kotlin, if you choose. If you have at least basic programming experience (with any language), Peter Sommerhoff's well-crafted overview and examples will help you get quickly up-to-speed with the Kotlin language, its constructs, and its advanced functional and object-oriented capabilities. Once you've mastered those foundations, Sommerhoff walks you through two complete app development projects, introducing best practices and emerging patterns for writing code that's robust, concise, readable, and highly performant. Understand Kotlin's goals, principles, advantages, design, and constructs Take full advantage of functional programming in the Kotlin environment Write more concise and reusable code using Kotlin's object-oriented features Interoperate with existing Java code, and plan a migration to Kotlin Use coroutines to efficiently handle concurrency Capture data via third-party APIs, map it to internal data representations, and present it to users Master best practices for architecting Kotlin Android apps Improve productivity and readability by creating simple domain-specific languages in Kotlin

Shell Programming in Unix, Linux and OS X Stephen G. Kochan 2016-08-30 Shell Programming in Unix, Linux and OS X is a thoroughly updated revision of Kochan and Wood's classic Unix Shell Programming tutorial. Following the methodology of the original text, the book focuses on the POSIX standard shell, and teaches you how to develop programs in this useful programming environment, taking full advantage of the underlying power of Unix and Unix-like operating systems. After a quick review of Unix utilities, the book's authors take you step-by-step through the process of building shell scripts, debugging them, and understanding how they work within the shell's environment. All major features of the shell are covered, and the large number of practical examples make it easy for you to build shell scripts for your particular applications. The book also describes the major features of the Korn and Bash shells. Learn how to... Take advantage of the many utilities provided in the Unix system Write powerful shell scripts Use the shell's built-in decision-making and looping constructs Use the shell's powerful quoting mechanisms Make the most of the shell's built-in history and command editing capabilities Use regular expressions with Unix commands Take advantage of the special features of the Korn and Bash shells Identify the major differences between versions of the shell language Customize the way your Unix system responds to you Set up your shell environment Make use of functions Debug scripts Contents at a Glance 1 A Quick Review of the Basics 2 What Is the Shell? 3 Tools of the Trade 4 And Away We Go 5 Can I Quote You on That? 6 Passing Arguments 7 Decisions, Decisions 8 'Round and 'Round She Goes 9 Reading and Printing Data 10 Your Environment 11 More on Parameters 12 Loose Ends 13 Rolo Revisited 14 Interactive and Nonstandard Shell Features A Shell Summary B For More Information

PHP and MySQL® Web Development, Fifth Edition Luke Welling 2016 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 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. Contents at a Glance Part I: Using PHP 1 PHP Crash Course 2 Storing and Retrieving Data 3 Using Arrays 4 String Manipulation and Regular Expressions 5 Reusing Code and Writing Functions 6 Object-Oriented PHP 7 Error and Exception Handling Part II: Using MySQL 8 Designing Your Web Database 9 Creating Your Web Database 10 Working with Your MySQL Database 11 Accessing Your MySQL Database from the Web with PHP 12 Advanced MySQL Administration 13 Advanced MySQL Programming Part III: Web Application Security 14 Web Application Security Risks 15 Building a Secure Web Application 16 Implementing Authentication Methods with PHP Part IV: Advanced PHP Techniques 17 Interacting with the File System and the Server 18 Using Network and Protocol Functions 19 Managing the Date and ...

Learning IPad Programming Kirby Turner 2012 A guide to iPad programming provides instructions on building PhotoWheel, a photo management and sharing application, using iOS 5.

PHP and MySQL Phrasebook Christian Wenz 2012-10-25 PHP and MySQL Phrasebook gives you the code you need to complete your web programming projects quickly and effectively in PHP, the leading scripting language for creating dynamic web pages. Concise and Accessible Easy to carry and easy to use–lets you ditch all those bulky books for one portable pocket guide Flexible and Functional Packed with more than 100 customizable code snippets–so you can readily code functional PHP and MySQL in just about any situation

Flex on Rails Tony Hillerson 2008-12-23 "There's no question you're going to be a better Flex and Rails developer when you're done reading this book." —From the Foreword by Matt Chotin, Senior Product Manager, Adobe Systems, Inc. Adobe Flex enables the rapid development of rich and engaging user experiences. Ruby on Rails dramatically simplifies the development of database-driven web applications. Now there's a book that shows how to use the newest versions of both frameworks together to create state-of-the-art Rich Internet Applications (RIAs). Flex on Rails begins with the absolute essentials: setting up your environment for Flex and Rails, passing data with XML, and integrating Flex front-ends with Rails back-ends. Then, using practical, easy-to-understand code examples, the authors take you from the basics to advanced topics only discussed in this book. Techniques covered here include Constructing sophisticated interfaces that can't be created with AJAX alone Using RESTful services to expose applications for access via APIs Testing Flex and Rails together Using Flex Frameworks Getting Flex into your build/deploy process And more... The authors also offer practical introductions to powerful complementary technologies, such as RubyAMF and Juggernaut. Written by developers with extensive experience using both frameworks, this book covers the new Adobe Flex 3 and Ruby on Rails 2 from the ground up. Even if you have minimal experience with Flex or Rails, you'll learn all you need to know to build exceptional production applications.

Programming in Python 3 Mark Summerfield 2008-12-16 Python 3 is the best version of the language yet: It is more powerful, convenient, consistent, and expressive than ever before. Now, leading Python programmer Mark Summerfield demonstrates how to write code that takes full advantage of Python 3's features and idioms. The first book written from a completely "Python 3" viewpoint, Programming in Python 3 brings together all the knowledge you need to write any program, use any standard or third-party Python 3 library, and create new library modules of your own. Summerfield draws on his many years of Python experience to share deep insights into Python 3 development you won't find anywhere else. He begins by illuminating Python's "beautiful heart": the eight key elements of Python you need to write robust, high-performance programs. Building on these code elements, he introduces new topics designed to strengthen your practical expertise—one concept and hands-on example at a time. This book's coverage includes Developing in Python using procedural, object-oriented, and functional programming paradigms Creating custom packages and modules Writing and reading binary, text, and XML files, including optional compression, random access, and text and XML parsing Leveraging advanced data types, collections, control structures, and functions Spreading program workloads across multiple processes and threads Programming SQL databases and key-value DBM files Utilizing Python's regular expression mini-language and module Building usable, efficient, GUI-based applications Advanced programming techniques, including generators, function and class decorators, context managers, descriptors, abstract base classes, metaclasses, and more Programming in Python 3 serves as both tutorial and language reference, and it is accompanied by extensive downloadable example code—all of it tested with the final version of Python 3 on Windows, Linux, and Mac OS X.

PHP & MySQL voor Dummies Janet Valade 2004

SQLite Chris Newman 2005 SQLite is a small, fast, embeddable database. What makes it popular is the combination of the database engine and interface into a single library as well as the ability to store all the data in a single file. Its functionality lies between MySQL and PostgreSQL, however it is faster than both databases. In SQLite, author Chris Newman provides a thorough, practical guide to using, administering and programming this up-and-coming database. If you want to learn about SQLite or about its use in conjunction with PHP this is the book for you.

Python Web Development with Django Jeff Forcier 2008-10-24 Using the simple, robust, Python-based Django framework, you can build powerful Web solutions with remarkably few lines of code. In Python Web Development with Django®, three experienced Django and Python developers cover all the techniques, tools, and concepts you need to make the most of Django 1.0, including all the major features of the new release. The authors teach Django through in-depth explanations, plus provide extensive sample code supported with images and line-by-line explanations. You'll discover how Django leverages Python's development speed and flexibility to help you solve a wide spectrum of Web development problems and learn Django best practices covered nowhere else. You'll build your first Django application in just minutes and deepen your real-world skills through start-to-finish application projects including Simple Web log (blog) Online photo gallery Simple content management system Ajax-powered live blogger Online source code sharing/syntax highlighting tool How to run your Django applications on the Google App Engine This complete guide starts by introducing Python, Django, and Web development concepts, then dives into the Django framework, providing a deep understanding of its major components (models, views, templates), and how they come together to form complete Web applications. After a discussion of four independent working Django applications, coverage turns to advanced topics, such as caching, extending the template system, syndication, admin customization, and testing. Valuable

reference appendices cover using the command-line, installing and configuring Django, development tools, exploring existing Django applications, the Google App Engine, and how to get more involved with the Django community. Introduction 1 Part I: Getting Started Chapter 1: Practical Python for Django 7 Chapter 2: Django for the Impatient: Building a Blog 57 Chapter 3: Starting Out 77 Part II: Django in Depth Chapter 4: Defining and Using Models 89 Chapter 5: URLs, HTTP Mechanisms, and Views 117 Chapter 6: Templates and Form Processing 135 Part III: Django Applications by Example Chapter 7: Photo Gallery 159 Chapter 8: Content Management System 181 Chapter 9: Liveblog 205 Chapter 10: Pastebin 221 Part IV: Advanced Django Techniques and Features Chapter 11: Advanced Django Programming 235 Chapter 12: Advanced Django Deployment 261 Part V: Appendices Appendix A: Command Line Basics 285 Appendix B: Installing and Running Django 295 Appendix C: Tools for Practical Django Development 313 Appendix D: Finding, Evaluating, and Using Django Applications 321 Appendix E: Django on the Google App Engine 325 Appendix F: Getting Involved in the Django Project 337 Index 339 Colophon 375

Advanced PHP Programming George Schlossnagle 2004-02-20 This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. Over the past three years PHP has evolved from being a niche language used to add dynamic functionality to small sites to a powerful tool making strong inroads into large-scale, business-critical Web systems. The rapid maturation of PHP has created a skeptical population of users from more traditional "enterprise" languages who question the readiness and ability of PHP to scale, as well as a large population of PHP developers without formal computer science backgrounds who have learned through the hands-on experimentation while developing small and midsize applications in PHP. While there are many books on learning PHP and developing small applications with it, there is a serious lack of information on "scaling" PHP for large-scale, business-critical systems. Schlossnagle's Advanced PHP Programming fills that void, demonstrating that PHP is ready for enterprise Web applications by showing the reader how to develop PHP-based applications for maximum performance, stability, and extensibility.

Node.js, MongoDB and Angular Web Development Brad Dayley 2017-10-11 Node.js, MongoDB and Angular Web Development The definitive guide to using the MEAN stack to build web applications Node.js is a leading server-side programming environment, MongoDB is the most popular NoSQL database, and Angular is the leading framework for MVC-based front-end development. Together, they provide an easy-to-implement, fully integrated web development stack that allows web programmers to create high-performance sites and applications built completely in JavaScript,

from server to client. Updated for Angular 2, Angular 4, and subsequent versions, this new edition of Node.js, MongoDB and Angular Web Development shows you how to integrate these three technologies into complete working solutions. It begins with concise, crystal-clear tutorials on each technology and then quickly moves on to building common web applications. You'll learn how to use Node.js and MongoDB to build more scalable, high-performance sites, how to leverage Angular's innovative MVC approach to structure more effective pages and applications, and how to use all three together to deliver outstanding next-generation Web solutions. Implement a highly scalable and dynamic web server using Node.js and Express Implement a MongoDB data store for your web applications Access and interact with MongoDB from Node.js JavaScript code Learn the basics of TypeScript Define custom Angular directives that extend the HTML language Build server-side web services in JavaScript Implement client-side services that can interact with the Node.js web server Build dynamic browser views that provide rich user interaction Add authenticated user accounts and nested comment components to your web applications and pages Contents at a Glance Part I: Getting Started 1 Introducing the Node.js-to-Angular Stack 2 JavaScript Primer Part II: Learning Node.js 3 Getting Started with Node.js 4 Using Events, Listeners, Timers, and Callbacks in Node.js 5 Handling Data I/O in Node.js 6 Accessing the File System from Node.js 7 Implementing HTTP Services in Node.js 8 Implementing Socket Services in Node.js 9 Scaling Applications Using Multiple Processors in Node.js 10 Using Additional Node.js Modules Part III: Learning MongoDB 11 Understanding NoSQL and MongoDB 12 Getting Started with MongoDB 13 Getting Started with MongoDB and Node.js 14 Manipulating MongoDB Documents from Node.js 15 Accessing MongoDB from Node.js 16 Using Mongoose for Structured Schema and Validation 17 Advanced MongoDB Concepts Part IV: Using Express to Make Life Easier 18 Implementing Express in Node.js 19 Implementing Express Middleware Part V: Learning Angular 20 Jumping into TypeScript 21 Getting Started with Angular 22 Angular Components 23 Expressions 24 Data Binding 25 Built-in Directives Part VI: Advanced Angular 26 Custom Directives 27 Events and Change Detection 28 Implementing Angular Services in Web Applications 29 Creating Your Own Custom Angular Services 30 Having Fun with Angular

MySQL Phrasebook Zak Greant 2006-03-16 The MySQL Phrasebook is a pocket guide that is jam-packed with useful and essential code "phrases" for the MySQL developer's everyday use. Packed with practical solutions for tasks that the MySQL developer must accomplish every day, it fills the need for a short, functional, to-the-point reference for MySQL. This is the guide to consult when you need an immediate, applicable solution to frequent tasks and code that is flexible and adaptable to your needs. Your time won't be wasted on more tutorials – it simply puts essential "phrases" at your fingertips that you can take with you everywhere.