
Read Free Php Application Development With Netbeans Beginner39s Guide

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NM1WTT - ADRIENNE NATHANIAL

Beginning Java 8 Games Development, written by Java expert and author Wallace Jackson, teaches you the fundamentals of building a highly illustrative game using the Java 8 programming language. In this book, you'll employ open source software as tools to help you quickly and efficiently build your Java game applications. You'll learn how to utilize vector and bit-wise graphics; create sprites and sprite animations; handle events; process inputs; create and insert multimedia and audio files; and more. Furthermore, you'll learn about JavaFX 8, now integrated into Java 8 and which gives you additional APIs that will make your game application more fun and dynamic as well as give it a smaller foot-print; so, your game application can run on your PC, mobile and embedded devices. After reading and using this tutorial, you'll come away with a cool Java-based 2D game application template that you can re-use and apply to your own game making ambitions or for fun.

Learn how to develop modern object-oriented applications with PHP using test-driven development (TDD) and behavior-driven development (BDD) aided by mature reusable components Key Features Create clean code based on components' reusability to create large-scale enterprise applications Make effective use of design patterns in an object-oriented software Understand the division of a PHP web application structure in layers to build customized websites and apps for various business needs Book Description Considered the next generation of the Zend framework, Laminas is a high-performance PHP framework for creating powerful web applications with an evolutive architecture. This book takes a hands-on approach to equip you with the knowledge of the Laminas framework necessary to start building web applications based on the reuse of loosely coupled components. You'll learn how to create the basic structure of a PHP web application divided into layers, understand Laminas' MVC components, and be able to take advantage of the Eclipse platform as a method for developing with Laminas. Step by step, you'll build an e-commerce application based on the technical requirements of a fictional business, and get to grips with implementing those requirements using Laminas components. By the end of this web development book, you'll be able to build a completely secured MVC application in PHP language using Laminas. What you will learn Discover how object-relational mapping is implemented with laminas-db Understand behavior-driven development concepts to sharpen your skills Create lean controllers and flexible views Build complete models and reusable components Explore the Eclipse platform for developing with Laminas Find out how easy it is to generate HTML forms with laminas-form Practice test-driven development to write precise programs Who this book is for This book is best suited for programming beginner or developers with some experience looking to create clean-coded object-oriented web applications. Knowledge of basic PHP syntax, specifically variables, control structures, and functions, will aid you in understanding the concepts covered.

This textbook covers both fundamental and advanced Java database programming techniques for beginning and experienced students as well as programmers (courses related to database programming in Java with Apache NetBeans IDE 12 environment). A sample SQL Server 2019 Express database, CSE_DEPT, is created and implemented in all example projects throughout this textbook. Over 40 real sample database programming projects are covered in this textbook with detailed illustrations and explanations to help students understand the key techniques and programming technologies. Chapters include homework and selected solutions to strengthen and improve students' learning and understanding for topics they study in the classroom. Both Java desktop and Web applications with SQL Server database programming techniques are discussed and analyzed. Some updated Java techniques, such as Java Server Pages (JSP), Java Server Faces (JSF), Java Web Service (JWS), JavaServer Pages Standard Tag Library (JSTL), JavaBeans and Java API for XML Web Services (JAX-WS) are also discussed and implemented in the real projects developed in this textbook. This textbook targets mainly advanced-level students in computer science, but it also targets entry-level students in computer science and information system. Programmers, software engineers and researchers will also find this textbook useful as a reference for their projects.

The book features selected high-quality papers presented at International Conference on Electrical and Electronics Engineering (ICEEE 2022), jointly organized by University of Malaya and Bharath Institute of Higher Education and Research India during January 8-9, 2022, at NCR New Delhi, India. The book focuses on current development in the fields of electrical and electronics engineering. The book covers electrical engineering topics--power and energy including renewable energy, power electronics and applications, control, and automation and instrumentation--and covers the areas of robotics, artificial intelligence and IoT, electronics devices, circuits and systems, wireless and optical communication, RF and microwaves, VLSI, and signal processing. The book is beneficial for readers from both academia and industry.

Java EE 7 Recipes takes an example-based approach in showing how to program Enterprise Java applications in many different scenarios. Be it a small-business web application, or an enterprise database application, Java EE 7 Recipes provides effective and proven solutions to accomplish just about any task that you may encounter. You can feel confident using the reliable solutions that are demonstrated in this book in your personal or corporate environment. The solutions in Java EE 7 Recipes are built using the most current Java Enterprise specifications, including EJB 3.2, JSF 2.2, Expression Language 3.0, Servlet 3.1, and JMS 2.0. While older technologies and frameworks exist, it is important to be forward-looking and take advantage of all that the latest technologies offer. Rejuvenate your Java expertise to use the freshest capabilities, or perhaps learn Java Enterprise development for the first time and discover one of the most widely used and most powerful platforms available for application development today. Let Java EE 7 Recipes show you the way by showing how to build streamlined and reliable applications much faster and easier than ever before by making effective use of the latest frameworks and features on offer in the Java EE 7 release. Shows off the most current Java Enterprise Edition technologies. Provides

solutions to creating sophisticated user interfaces. Demonstrates proven solutions for effective database access. Table of ContentsIntroduction to Servlets JavaServer Pages The Basics of JavaServer Faces Facelets JavaServer Faces Standard Components Advanced JavaServer Faces and Ajax JDBC Object-Relational Mapping Enterprise JavaBeans The Query API and JPQL Oracle's Glassfish Contexts and Dependency Injection Java Message Service Authentication and Security Java Web Services Enterprise Solutions Using Alternative Programming Languages WebSockets and JSON-P JavaFX in the Enterprise Concurrency and Batch Applications

When you master Joomla! programming, you can customize websites in ways that simply aren't possible by tweaking parameters or installing someone else's extensions. Now, there's an authoritative, "soup-to-nuts" programming guide for every Joomla! user: from beginners with no Joomla! development experience to long-time coders seeking a quick start with Joomla!'s powerful new versions, 1.6, 1.7, and 2.5. Joomla!™ Programming presents proven best practices for getting the job done right. Written by Mark Dexter and Joomla! design architect Louis Landry (who wrote much of the new Joomla! framework), the text is packed with detailed examples and sample code, in-depth reference-style explanations available nowhere else, and fascinating sidebars revealing why Joomla! works the way it does. Both a tutorial and reference, this title brings together step-by-step instructions for everything from simple tasks (such as template overrides) to cutting-edge techniques involving components, MVC, and the Joomla! framework. You'll learn how to View Joomla! from a programmer's perspective Extend Joomla! with layout overrides, plugins, and modules Take full advantage of Joomla!'s improved new MVC implementation Build front-end and back-end components, from start to finish Secure your websites with Joomla!'s powerful, flexible new Access Control Lists Work with databases and use the new JDatabaseQuery to write complex queries Program Joomla! with JavaScript via the lightweight MooTools framework Develop custom category structures for your own websites and extensions Enable one-click updates for your own custom extensions Use the Joomla! platform as an application framework All example code, updates, and more information on Joomla! programming are available at the companion website, joomlaprogrammingbook.com.

A Beginner's Guide The book is aimed at PHP developers who wish to develop PHP applications while taking advantage of NetBeans functionality to ease their software development efforts and utilize the powerful features of the IDE. Familiarity with NetBeans is not assumed. However, a little familiarity with PHP development is expected.

Expert PHP and MySQL takes you beyond learning syntax to showing you how to apply proven software development methods to building commerce-grade PHP and MySQL projects that will stand the test of time and reliably deliver on customer needs. Developers of real-world applications face numerous problems that seem trivial on the surface, but really do take some skill to get right. Error handling is about more than just the mechanics in the PHP syntax, but also about handling MySQL errors, logging those errors, and about hiding information about application internals that error messages sometimes can expose. Meet these challenges and more head-on! Author Marc Rochkind shows how to begin a project right, with a clear contract and set of written requirements. You'll learn about project organization, setting up a solid development environment, connecting with client personnel. Database design is essential, and Expert PHP and MySQL has you covered with guidance on creating a sound model and database, and on pushing functionality into the database as appropriate; not everything should be done in PHP. Error handling is covered at both the PHP and MySQL levels. Application structure is covered. Guidance is provided on reporting. And finally there is conversion. In Expert PHP and MySQL you'll explore the following: The popular and widely used combination of PHP and MySQL Commercial-grade application of language and database features Human factors such as planning and organization Organizing a project to meet requirements and satisfy the customer Structuring an application for efficient development and future modification Coding PHP for productivity, reliability, security Generating online, downloadable, and printed reports Converting existing data to the new application What you'll learn Organize a project to meet requirements and satisfy the customer. Structure an application for efficient development and future modification. Design a database to model the business and support the application. Code PHP for productivity, reliability, security. Generate online, downloadable, and printed reports. Convert existing data to the new application. Who this book is for Expert PHP and MySQL is aimed at programmers competent in PHP and MySQL. Readers should know the mechanics of the language and the database, and have a desire to learn to build commercial systems that will stand the test of time and reliably deliver on customer needs. Table of Contents Project Organization Requirements Platforms and Tools The Database Application Structure Security, Forms, and Error Handling Reports and Other Outputs Data Conversion

IntelliJ IDEA (hereafter referred to as IntelliJ) is one of the most powerful and popular Integrated Development Environments (IDE) for Java. It was developed and is maintained by JetBrains, and is available in the community and ultimate edition. This feature-rich IDE enables rapid development and helps in improving code quality. This book starts with a basic introduction and slowly dives deep into the advanced features. This book is targeted at first-time learners, as well as moderate users of IntelliJ. Beginners will get a fair understanding of IntelliJ and its functioning, and others will be able to take their knowledge on this subject to the next level. This book requires that the readers have some preliminary knowledge of the software development process, along with Java programming language. In the later sections of this book, we will discuss integration with build tools, unit testing frameworks, debugger, profiling, version control system, and database. It is assumed that the required tools are installed and configured on the system and the reader is familiar with those tools.

This course is designed to teach not only PHP but any programming language, since it touches all aspects of this world, offering you the tools so you

can get started in any programming language. A book that contains basic projects such as a calculator webApp, or obtaining a list of prime numbers, up to a program of database management, user authentication and the creation of a REST service.

Today's Web 2.0 applications (think Facebook and Twitter) go far beyond the confines of the desktop and are widely used on mobile devices. The mobile Web has become incredibly popular given the success of the iPhone and BlackBerry, the importance of Windows Mobile, and the emergence of Palm Pre (and its webOS platform). At Apress, we are fortunate to have Gail Frederick of the well-known training site Learn the Mobile Web offer her expert advice in Beginning Smartphone Web Development. In this book, Gail teaches the web standards and fundamentals specific to smartphones and other feature-driven mobile phones and devices. Shows you how to build interactive mobile web sites using web technologies optimized for browsers in smartphones Details markup fundamentals, design principles, content adaptation, usability, and interoperability Explores cross-platform standards and best practices for the mobile Web authored by the W3C, dotMobi, and similar organizations Dives deeps into the feature sets of the most popular mobile browsers, including WebKit, Chrome, Palm Pre webOS, Pocket IE, Opera Mobile, and Skyfire By the end of this book, you'll have the training, tools, and techniques for creating robust mobile web experiences on any of these platforms for your favorite smartphone or other mobile device.

This book is a practical guide featuring a step-by-step approach that aims to help PHP developers who want to learn or improve their software testing skills. It also takes you through many real-life examples encountered by PHP developers to help you avoid common pitfalls. This book is a practical guide featuring a step-by-step approach that aims to help PHP developers who want to learn or improve their software testing skills. It also takes you through many real-life examples encountered by PHP developers to help you avoid common pitfalls.

An easy-to-follow tutorial, that breaks down the enterprise application development journey into easy to understand phases documented by clear examples and concise explanations. If you are an intermediate developer with a good understanding of Java, JavaScript and web development concepts, this book is ideal for you. Basic ExtJS development experience, including an understanding of the framework APIs is needed by those of you who are interested in this book. Regardless of your experience and background, the practical examples provided in this book are written in a way that thoroughly covers each concept before moving on to the next chapter.

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.

Designed for a broad spectrum of people with technically diverse backgrounds, this book covers the most recent developments in Web 2.0 programming topics and applications. The accompanying CD-ROM and companion Web site provide code samples.

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.

Use Java 9 and JavaFX 9 to write 3D games for the latest consumer electronics devices. Written by open source gaming expert Wallace Jackson, this book uses Java 9 and NetBeans 9 to add leading-edge features, such as 3D, textures, animation, digital audio, and digital image compositing to your games. Along the way you'll learn about game design, including game design concepts, genres, engines, and UI design techniques. To completely master Java 3D game creation, you will combine this knowledge with a number of JavaFX 9 topics, such as scene graph hierarchy; 3D scene configuration; 3D model design and primitives; model shader creation; and 3D game animation creation. With these skills you will be able to take your 3D Java games to the next level. The final section of Pro Java 9 Games Development puts the final polish on your abilities. You'll see how to add AI logic for random content selection methods; harness a professional scoring engine; and player-proof your event handling. After reading Pro Java 9 Games Development, you will come away with enough 3D expertise to design, develop, and build your own professional Java 9 games, using JavaFX 9 and the latest new media assets. What You'll Learn Design and build professional 3D Java 9 games, using NetBeans 9, Java 9, and JavaFX 9 Integrate new media assets, such as digital imagery and digital audio Integrate the new JavaFX 9 multimedia engine API Create an interactive 3D board game, modeled, textured, and animated using JavaFX Optimize game assets for distribution, and learn how to use the Java 9 module system Who This Book Is For Experienced Java developers who may have some prior game development experience. This book can be for experienced game developers new to Java programming.

Beginning Database-Driven Application Development in Java™ EE: Using GlassFish™ focuses on the open source GlassFish persistence engine. This book shows Java programmers how to develop applications utilizing relational database technologies with examples using Oracle and MySQL and the GlassFish application development framework and deployment platform all based on Java EE. The book explains in detail how you can organize your Java EE solution into a multilayer architecture, placing most emphasis on how to implement the persistence and database tiers of an application. Through many examples, this book shows how you can efficiently use the Java Persistence features available in the Java EE platform. Find out how you can greatly simplify the task of building the persistence layer of your Java EE application by moving some application logic into the underlying database, utilizing database views, stored programs, and triggers. The book also explains how to deploy Java EE applications to GlassFish, a free, open source Java EE 5-compliant application server.

Master building complex applications with NetBeans to become more proficient programmers About This Book Customize NetBeans to fit your unique

needs Excel in NetBeans IDE, learning the shortcuts and hidden features to become more productive A comprehensive guide to become more productive at application development using NetBeans IDE Who This Book Is For If you are a competent developer who wants to fast-track your application development with NetBeans IDE, then this book is for you. Reasonable knowledge and an understanding of Java programming and NetBeans IDE is assumed. What You Will Learn Install NetBeans either from a distribution package or from source code Test, debug, and run production code using the NetBeans IDE Use external services such as PaaS environments and web services Create desktop applications using Swing tools Manage and configure relational databases Build a Java business model and web tiers using Java EE and Spring technologies Explore web services both with XML and RESTful approaches Handle external services such as databases, Maven repositories, and cloud providers Extend NetBeans for those situations where you require more from your IDE In Detail With the increasing complexity of software development and the abundance of tools available, learning your IDE in-depth will instantly increase your developer productivity. NetBeans is the only IDE that can be downloaded with Java itself and provides you with many cutting edge features not readily available with many IDEs. The IDE also provides a great set of tools for PHP and C/C++ developers. It is free and open source and has a large community of users and developers around the world. This book will teach you to ace NetBeans IDE and make use of it in creating Java business and web services. It will help you to become a proficient developer and use NetBeans for software development. You will learn effective third-party interaction and enable yourself for productive database development. Moving on, you will see how to create EJB projects and write effective and efficient web applications. Then you will learn how to use Swing and manage and configure a relational database. By the end of the book, you will be able to handle external services such as databases, Maven repositories, and cloud providers, and extend your NetBeans when you require more from your IDE. Style and approach An easy-to-follow yet comprehensive guide to help you master the exhaustive range of NetBeans features in order to become more efficient at Java programming. More advanced topics are covered in each chapter, with subjects grouped according to their complexity as well as their utility.

The first detailed, unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs. This guide uses Symfony, CakePHP, and Zend Framework to solve key problems, providing source code examples and comparisons for each. It explains the approach and reviews the similarities and differences in the three frameworks, providing reliable information on which to base your decisions. Symfony, CakePHP, and Zend Framework are considered the leading PHP frameworks; developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems, illustrating the solutions with source code examples and working applications Covers wide range of topics, from installation and configuration to most advanced features like AJAX, web services and automated testing. Includes an appendix of new PHP frameworks, including CodeIgniter, Lithium, and Agavi Bestselling PHP author Elizabeth Naramore serves as technical editor Comparison of PHP Web Frameworks provides the impartial, side-by-side comparison that developers have been looking for.

This book constitutes the refereed proceedings of the 13th International Conference on Web Engineering, ICWE 2013, held in Aalborg, Denmark, in July 2013. The 21 full research papers, 4 industry papers, and 11 short papers presented were carefully reviewed and selected from 92 submissions. The scientific program was completed with 7 workshops, 6 demonstrations and posters. The papers cover a wide spectrum of topics, such as, among others: web mining and knowledge extraction, semantic and linked data management, crawling and web research, model-driven web engineering, component-based web engineering, Rich Internet Applications (RIAs) and client-side programming, web services, and end-user development.

This is the Official Guide on the award-winning SilverStripe programming framework, authored by the creators of the open source CMS. SilverStripe is a robust and flexible website content management system (CMS) tightly integrated with an application framework. It is open source and embraces modern system architecture and agile development methodologies. Intermediate developers can implement powerful websites and web-applications quickly and customize them to their individual needs. The award-winning PHP5/MySQL-based system saves not only time and nerves for techies, but also features a straightforward interface which is a joy to use for non-technical content-authors. This Guide helps you to: Get started with SilverStripe: Learn the architecture and usability principles that underpin SilverStripe's modern approach. Then go through the technical requirements, the installation process, and useful tools for your daily work. Learn the CMS: Practical examples show you how to use the CMS as a content author, and how to manage content, images, documents, and forms without technical knowledge. Administrators learn how to set up permissions and security groups. Develop a custom application: Use MVC and other modern design patterns to create well-structured, object-oriented PHP code and concise template markup. Let the authors walk you through creating an interactive recruitment website as practical example project. Extend through clean code and modules: Understand how SilverStripe is built on modularity and how this empowers you to build plugins and core extensions in an elegant, maintainable fashion. Use SilverStripe professionally: In-depth topics on internationalization, security, unit testing, caching, multi-page forms, and web services APIs ensure that you can build world-class websites.

Databases have become an integral part of modern life. Today's society is an information-driven society, and database technology has a direct impact on all aspects of daily life. Decisions are routinely made by organizations based on the information collected and stored in databases. Database management systems such as Oracle are crucial to apply data in industrial or commercial systems. Equally crucial is a graphical user interface (GUI) to enable users to access and manipulate data in databases. The Apache NetBeans IDE with Java is an ideal candidate for developing a GUI with programming functionality. Oracle Database Programming with Java: Ideas, Designs, and Implementations is written for college students and software programmers who want to develop practical and commercial database programming with Java and relational databases such as Oracle Database XE 18c. The book details practical considerations and applications of database programming with Java and is filled with authentic examples as well as detailed explanations. Advanced topics in Java Web like Java Web Applications and Java Web Services are covered in real project examples to show how to handle the database programming issues in the Apache NetBeans IDE environment. This book features: A real sample database, CSE_DEPT, which is built with Oracle SQL Developer, provided and used throughout the book Step by step, detailed illustrations and descriptions of how to design and build a practical relational database Fundamental and advanced Java database programming techniques practical to both beginning students and experienced programmers Updated Java desktop and Web database programming techniques, such as Java Enterprise Edition 7, JavaServer Pages, JavaServer Faces, Enterprise Java Beans, Web applications and Web services, including GlassFish and Tomcat Web servers More than 30 real database

programming projects with detailed illustrations Actual JDBC APIs and JDBC drivers, along with code explanations Homework and selected solutions for each chapter to strengthen and improve students' learning and understanding of the topics they have studied

A book on Computers

Filled with practical examples, this PHP book will get you up to speed with the key aspects of PHP that you need to become a confident web developer. Following a hands-on approach, you'll build the knowledge and skills required to create your own dynamic websites.

PostgreSQL was designed to run on UNIX-like platforms. However, PostgreSQL was then also designed to be portable so that it could run on various platforms such as Mac OS X, Solaris, and Windows. PostgreSQL is free and open source software. Its source code is available under PostgreSQL license, a liberal open source license. You are free to use, modify and distribute PostgreSQL in any form. PostgreSQL requires very minimum maintained efforts because of its stability. Therefore, if you develop applications based on PostgreSQL, the total cost of ownership is low in comparison with other database management systems. In Chapter 2, you will learn: Connecting to a PostgreSQL database – shows you how to setup a simple PHP application structure and connect to a PostgreSQL database; Creating new PostgreSQL database tables – walks you through the steps of creating database tables in PostgreSQL using PHP; Inserting data into PostgreSQL tables – guides you how to use insert data into a table using PHP PDO; Updating data in the table – provides you with the steps of updating data in the database tables; Querying data from a table – shows you various ways to query data in the PostgreSQL database from PHP; Performing transactions – explains the transaction concept and shows you how to perform transactions in PHP; Working with the binary large objects (BLOB) – shows you how to insert, select, and delete the large objects in the PostgreSQL using PHP; Calling PostgreSQL stored procedures – explains you the steps of calling PostgreSQL stored procedures from PHP; Deleting data in a PostgreSQL table using PHP PDO – teaches you how to delete data from the PostgreSQL table in the PHP application using PDO. In Chapter 3, you will learn managing table structure and views including postgresql data types, postgresql create table, postgresql select into statement, postgresql create table as, using postgresql serial to create auto-increment column, identity column, alter table, drop table, truncate table, check constraint, not-null constraint, foreign key, primary key, unique constraint, managing postgresql views, creating updatable views, materialized views, creating updatable views using the with check option clause, and recursive view. In Chapter 4, you will learn statements, operators, and clauses including select, order by, select distinct, limit, fetch, in, between, postgresql like, is null, alias, joins, inner join, postgresql left join, self-join, full outer join, cross join, natural join, group by, having, intersect operator, except operator, grouping sets, cube, and rollup. In Chapter 5, you will learn postgresql trigger, aggregate, and string functions including creating the first trigger in postgresql, managing postgresql trigger, aggregate functions, avg function, max function, min function, sum function, postgresql concat function, ascii function, trim function, length function, substring function, regexp_matches function, regexp_replace function, replace function, to_number function, and to_char function.

Over 70 simple but incredibly effective practical recipes to develop web applications using GWT with JPA, MySQL and i Report.

Effective, readable, and robust codes in PHP About This Book Leverage the newest tools available in PHP 7 to build scalable applications Embrace serverless architecture and the reactive programming paradigm, which are the latest additions to the PHP ecosystem Explore dependency injection and implement design patterns to write elegant code Who This Book Is For This book is for intermediate level developers who want to become a master of PHP. Basic knowledge of PHP is required across areas such as basic syntax, types, variables, constants, expressions, operators, control structures, and functions. What You Will Learn Grasp the current state of PHP language and the PHP standards Effectively implement logging and error handling during development Build services through SOAP and REST and Apache Trift Get to know the benefits of serverless architecture Understand the basic principles of reactive programming to write asynchronous code Practically implement several important design patterns Write efficient code by executing dependency injection See the working of all magic methods Handle the command-line area tools and processes Control the development process with proper debugging and profiling In Detail PHP is a server-side scripting language that is widely used for web development. With this book, you will get a deep understanding of the advanced programming concepts in PHP and how to apply it practically The book starts by unveiling the new features of PHP 7 and walks you through several important standards set by PHP Framework Interop Group (PHP-FIG). You'll see, in detail, the working of all magic methods, and the importance of effective PHP OOP concepts, which will enable you to write effective PHP code. You will find out how to implement design patterns and resolve dependencies to make your code base more elegant and readable. You will also build web services alongside microservices architecture, interact with databases, and work around third-party packages to enrich applications. This book delves into the details of PHP performance optimization. You will learn about serverless architecture and the reactive programming paradigm that found its way in the PHP ecosystem. The book also explores the best ways of testing your code, debugging, tracing, profiling, and deploying your PHP application. By the end of the book, you will be able to create readable, reliable, and robust applications in PHP to meet modern day requirements in the software industry. Style and approach This is a comprehensive, step-by-step practical guide to developing scalable applications using PHP 7.1

PHP and MySQL are two of today's most popular, open-source tools for server-side programming. That means there's a continuing demand for web developers who know how to use PHP and MySQL at the professional level. And with this book, you can become one of them! In fact, in just the first 6 chapters, you will create a database-driven website that implements the MVC pattern, the way the best professionals do. Then, the rest of the book lets you build on that base to develop a full set of professional skills.

An ideal addition to your personal eLibrary. With the aid of this indispensable reference book, you may quickly gain a grasp of Python, Java, JavaScript, C, C++, CSS, Data Science, HTML, LINUX and PHP. It can be challenging to understand the programming language's distinctive advantages and charms. Many programmers who are familiar with a variety of languages frequently approach them from a constrained perspective rather than enjoying their full expressivity. Some programmers incorrectly use Programmatic features, which can later result in serious issues. The programmatic method of writing programs—the ideal approach to use programming languages—is explained in this book. This book is for all programmers, whether you are a novice or an experienced pro. Its numerous examples and well paced discussions will be especially beneficial for beginners. Those who are already familiar with programming will probably gain more from this book, of course. I want you to be prepared to use programming to make a big difference.

From operating systems to the cloud, Oracle's products and services are everywhere, and it has the market share to prove it. Given the share diversity of the Oracle product line, and the level of complexity of integration, management can be quite a daunting task. The CIO's Guide to Oracle Products and Solutions is the go-to guide for all things Oracle. It provides management-level guidance on how to successfully navigate and manage the full range of Oracle products. The book presents management best practices and user/developer lessons learned in the use of Oracle products and services. Supplying both conceptual and technical views, the text focuses on what CIOs need to do to orient, or reorient, their organization toward the use of Oracle products and services. It describes how to develop a strategic framework for the use of these products and services rather than the specific product or service itself. This strategic framework will help you to prepare, educate, keep up with change, mitigate risk, and implement with the confidence needed to succeed. Providing an overview of the suite of Oracle technologies and solutions, the book covers the heart of the Oracle products set, including Oracle analytics, enterprise performance management, Oracle cloud, data management, application development, social business, and fusion. It examines compliance and security issues and includes metrics to help you evaluate potential solutions. The book also provides readers with access to a set of helpful resources on the book's page at www.crcpress.com, including cloud procurement best practices, cloud migration tips, a sample project procurement plan template, and various glossaries.

Many businesses and organizations depend on older high-value PHP software that risks abandonment because it is impossible to maintain. The reasons for this may be that the software is not well designed; there is only one developer (the one who created the system) who can develop it because he didn't use common design patterns and documentation; or the code is procedural, not object-oriented. With this book, you'll learn to identify problem code and refactor it to create more effective applications using test-driven design.

Many entry level PHP developers want a quick path to glory, a shortcut to "knowing PHP." Too many books and tutorials go straight into a pre-made, awful environment that just wants you to code, with no regard for security, version control, or other absolutely essential practices. This book is aimed at the absolute beginner who wants to start learning PHP, but aims to set you up with a thorough understanding of what makes for a good, modern, adaptable PHP environment before you start diving into PHP itself. This book will cover a the essential building blocks of a good PHP environment, including covering topics such as: The anatomy of a web request The importance of a good IDE Using Composer for package management Version control with Git and GitHub Deployment and hosting options Using virtual machines Build a sample app from scratch and deploy it -- the right way And much more!

Extend WordPress with plugins using this advanced WordPress development book, updated for the current version This significantly updated edition of Professional WordPress Plugin Development addresses modern plugin development for WordPress, the highly popular content management system (CMS). If you're using WordPress to create and manage websites, WordPress plugins are the software that can extend or enhance CMS functionality. This book offers guidance on writing plugins for WordPress sites to share or sell to other users. The second edition of Professional WordPress Plugin Development covers the building of advanced plugin development scenarios. It discusses the plugin framework and coding standards as well as dashboards, settings, menus, and related application programming interfaces (APIs). Additional topics include security, performance, data validation, and SQL statements. • Learn about the power of hooks in WordPress • Discover how JavaScript and Ajax will work in your site • Understand key technologies: Block Editor/Gutenberg, JS/React, PHP, and the REST API • Create and use custom post types and taxonomies. • Creating custom dashboard menus and plugin settings • Work with users and user data • Schedule tasks and utilizing Cron • Performance and security considerations Written by experienced plugin developers, Professional WordPress Plugin Development also helps you internationalize and localize your WordPress website. Find out about debugging systems and optimizing your site for speed. As WordPress use continues to increase, you can elevate your professional knowledge of how to extend WordPress through plugins.

This compact syntax reference covers syntax and parameters central to JSON object definitions. You'll learn the syntax used in the JSON object definition language, logically organized by topical chapters, and getting more advanced as chapters progress, covering structures and file formats which are best for use with HTML5. Furthermore, the JSON Quick Syntax Reference includes the key factors regarding the data footprint optimization work process, the in-lining of CSS and JS files, and why a data footprint optimization work process is important. What You'll Learn • Use the object definition syntax supported in JSON• Define a JSON content production workflow• Gain an understanding of the concepts and principles behind JSON object definitions• Use JSON code snippets and apply them in your web applications• Utilize the NetBeans, Android Studio, and Eclipse IDEs for your JSON coding Who This Book Is For Web developers, Android application developers, and user interface designers.

Create Next-Generation Enterprise Applications Build and distribute business web applications that target both desktop and mobile devices. Cowritten by Java EE and NetBeans IDE experts, Java EE and HTML5 Enterprise Application Development fully explains cutting-edge, highly responsive design tools and strategies. Find out how to navigate NetBeans IDE, construct HTML5 programs, employ JavaScript APIs, integrate CSS and WebSockets, and handle security. This Oracle Press guide also offers practical coverage of SaaS, MVVM, and RESTful concepts. Explore HTML5 and Java EE 7 features Use NetBeans IDE editors, templates, and code generators Implement MVVM functionality with Knockout.js Dynamically map database objects using Java Persistence API Configure, manage, and invoke RESTful Web Services Maximize messaging efficiency through WebSockets Accept and process HTML5 Server-Sent Events streams Employ Syntactically Awesome Stylesheets, CSS3, and Sassy CSS

PrestaShop is a free, open source eCommerce solution written in PHP. It supports payment gateways such as DirecPay, Google Checkout & PayPal. With this book you'll find a link to download 100Mb+ including the module ""MyProducts"" with its own documentation. This book will help you to customize Prestashop 1.5 - 1.7 through the Admin panel, and to make advanced code changes, and template customization. Many tools are discussed in this book to facilitate the developers and to help them to understand the architecture of Prestashop in the shortest amount of time.

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Annotation NetBeans has several features that greatly simplify Java EE development, but with many features and great flexibility, Java developers can become overwhelmed by the options available in NetBeans. This book provides step-by-step recipes that show you how to take control of the environment and make use of these features to make your enterprise Java application development more efficient and productive than ever before, so that

you can concentrate on the important parts of your application. Java EE 6 Development with NetBeans 7 takes you through the most important parts of Java EE programming and shows you how to use the features of NetBeans that will improve your development experience with clear, careful instructions and screenshots. It will show you how to use NetBeans functionality to automate many of the tedious or repetitive tasks frequently encountered when developing enterprise Java applications, freeing you up to focus on the business logic specific parts of the application. As well as showing you time-saving tricks, keyboard shortcuts, and other productivity enhancements possible with NetBeans, it will take you through the major Java EE APIs and how to get them working in the NetBeans environment. While focusing on NetBeans features, you will learn about developing applications using the servlet API and JSPs, including taking advantage of JSTL and developing custom JSP tags. Developing applications that take advantage of JavaServer Faces is also covered in detail, including how to generate standard JSF applications from an existing database schema. The book also covers how to easily develop elegant JSF applications by taking advantage of the PrimeFaces JSF 2.0 component library that is bundled with NetBeans. A practical guide covering how to leverage NetBeans 7 functionality to develop enterprise applications compliant with the Java EE 6 standard. What you will learn from this book : Develop Java web applications by leveraging NetBeans functionality Build standard JSF applications by taking advantage of NetBeans features Integrate NetBeans with third-party RDBMS Develop JavaServer Pages (JSPs) to display both static and dynamic content in a web browser Develop aesthetically pleasing JSF web applications by leveraging the PrimeFaces JSF 2.0 component library Quickly and easily develop applications taking advantage of the Java Persistence API Implement the Model-View-Controller design pattern by using JavaBeans as the model component Take ad-

vantage of NetBeans functionality to easily develop Enterprise JavaBeans, including configuring transaction management via annotations Use static and dynamic navigation to define navigation between pages Utilize NetBeans to easily add messaging functionality to enterprise applications, through the Java Messaging Service API and through message-driven EJBs Develop SOAP-based and RESTful web services using NetBeans, including exposing EJB functionality as web services Approach The book is a practical guide explaining the various features of the NetBeans IDE related to enterprise application development. Who this book is written for The book is aimed at Java developers who wish to develop Java EE applications while taking advantage of NetBeans functionality to automate repetitive tasks and to ease their software development efforts. Familiarity with NetBeans or Java EE is not assumed.

Learn the guidelines of integrating Java with native Mac OS X applications with this Developer Reference book. Java is used to create nearly every type of application that exists and is one of the most required skills of employers seeking computer programmers. Java code and its libraries can be integrated with Mac OS X features, and this book shows you how to do just that. You'll learn to write Java programs on OS X and you'll even discover how to integrate them with the Cocoa APIs. Shows how Java programs can be integrated with any Mac OS X feature, such as NSView widgets or screen savers Reveals the requirements for integrating Java with native OS X applications Covers OS X libraries and behaviors unique to working with Java With this book, you will learn that creating Java-based applications that integrate closely with OS X is not a myth! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.