

Php Code Design

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PHP 7 Solutions David Powers 2019-07-03 Make your websites more dynamic by adding a feedback form, creating a private area where members can upload images that are automatically resized, or perhaps storing all your content in a database. David Powers has updated his definitive book to incorporate the latest techniques and changes to PHP, including the arrival of PHP 7. New features include the spaceship and null coalesce operators, generators, using array shorthand syntax for list(), array dereferencing, and array unpacking with the splat operator. The problem is, you're not a programmer and the thought of writing code sends a chill up your spine. Or maybe you've dabbled a bit in PHP and MySQL, but you can't get past baby steps. If this describes you, then you've just found the right book. PHP and the MySQL database are deservedly the most popular combination for creating dynamic websites. They're free, easy to use, and provided by many web hosting companies in their standard packages. This book also covers MariaDB, a seamless replacement for MySQL that has been adopted on many web servers. Unfortunately, most PHP books either expect you to be an expert already or force you to go through endless exercises of little practical value. In contrast, this book gives you real value right away through a series of practical examples that you can incorporate directly into your sites, optimizing performance and adding functionality such as file uploading, email feedback forms, image galleries, content management systems, and much more. Each solution is created with not only functionality in mind, but also visual design. But this book doesn't just provide a collection of ready-made scripts: each PHP solution builds on what's gone before, teaching you the basics of PHP and database design quickly and painlessly. By the end of the book, you'll have the confidence to start writing your own scripts or—if you prefer to leave that task to others—to adapt existing scripts to your own requirements. Right from the start, you're shown how easy it is to protect your sites by adopting secure coding practices. What You Will Learn Design and build dynamic PHP-based web sites and applications Get started right away through practical examples that you can reuse Incorporate PHP 7 elements including new ways of handling arrays Work with the latest PHP 7 techniques, innovations, and best practices Who This Book Is For Readers should have at least some prior exposure to web development using PHP.

PHP Objects, Patterns and Practice Matt Zandstra 2010-12-28 This book takes you beyond the PHP basics to the enterprise development practices used by professional programmers. Updated for PHP 5.3 with new sections on closures, namespaces, and continuous integration, this edition will teach you about object features such as abstract classes, reflection, interfaces, and error handling. You'll also discover object tools to help you learn more about your classes, objects, and methods. Then you'll move into design patterns and the principles that make patterns powerful. You'll learn both classic design

patterns and enterprise and database patterns with easy-to-follow examples. Finally, you'll discover how to put it all into practice to help turn great code into successful projects. You'll learn how to manage multiple developers with Subversion, and how to build and install using Phing and PEAR. You'll also learn strategies for automated testing and building, including continuous integration. Taken together, these three elements—object fundamentals, design principles, and best practices—will help you develop elegant and rock-solid systems.

PHP in Action Marcus Baker 2007-06-30 To keep programming productive and enjoyable, state-of-the-art practices and principles are essential. Object-oriented programming and design help manage complexity by keeping components cleanly separated. Unit testing helps prevent endless, exhausting debugging sessions. Refactoring keeps code simple and readable. PHP offers all this—and more. *PHP in Action* shows you how to apply PHP techniques and principles to all the most common challenges of web programming, including: Web presentation and templates User interaction including the Model-View-Controller architecture Input validation and form handling Database connection and querying and abstraction Object persistence Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Modern PHP Josh Lockhart 2015-02-16 PHP is experiencing a renaissance, though it may be difficult to tell with all of the outdated PHP tutorials online. With this practical guide, you'll learn how PHP has become a full-featured, mature language with object-orientation, namespaces, and a growing collection of reusable component libraries. Author Josh Lockhart—creator of *PHP The Right Way*, a popular initiative to encourage PHP best practices—reveals these new language features in action. You'll learn best practices for application architecture and planning, databases, security, testing, debugging, and deployment. If you have a basic understanding of PHP and want to bolster your skills, this is your book. Learn modern PHP features, such as namespaces, traits, generators, and closures Discover how to find, use, and create PHP components Follow best practices for application security, working with databases, errors and exceptions, and more Learn tools and techniques for deploying, tuning, testing, and profiling your PHP applications Explore Facebook's HVVM and Hack language implementations—and how they affect modern PHP Build a local development environment that closely matches your production server

Modernizing Legacy Applications in PHP Paul M. Jones 2016-08-31 Get your code under control in a series of small, specific steps About This Book Learn to extract and replace legacy artifacts, Improve your application from the ground up while keeping your codebase fully operational, Improve the quality of your legacy applications. Who This Book Is For PHP developers from all skill levels will be able to get value from this book and will be able to transform their spaghetti code applications to clean, modular applications. If you are in the midst of a legacy refactor or you find yourself in a state of despair caused by the code you have inherited, this is the book for you. All you need is to have PHP 5.0 installed, and you're all set to change the way you maintain and deploy your code! What You Will Learn Replace global and new with dependency injection Extract SQL statements to gateways Convert action logic to controllers Remove repeated logic in page scripts Create maintainable PHP code from cruddy legacy PHP In Detail Have you noticed that your legacy PHP application is composed of page scripts placed directly in the document root of the web server? Or, do your page scripts, along with any other classes and functions, combine the concerns of model, view, and controller into the same scope? Is the majority of the logical flow incorporated as include files and global functions rather than class methods? Working with such a legacy application feels like dragging your feet through mud, doesn't it? This book will show you how to modernize your application in terms of practice and technique, rather than in terms of using tools like frameworks and libraries, by extracting and replacing its legacy artifacts. We will use a step-by-step approach, moving slowly and methodically, to improve your application from the

ground up. We'll show you how dependency injection can replace both the new and global dependencies. We'll also show you how to change the presentation logic to view files and the action logic to a controller. Moreover, we'll keep your application running the whole time. Each completed step in the process will keep your codebase fully operational with higher quality. When we are done, you will be able to breeze through your code like the wind. Your code will be autoloaded, dependency-injected, unit-tested, layer-separated, and front-controlled. Most of the very limited code we will add to your application is specific to this book. We will be improving ourselves as programmers, as well as improving the quality of our legacy application. Style and approach This book gives developers an easy-to-follow, practical and powerful process to bring their applications up to a modern baseline. Each step in the book is practical, self-contained and moves you closer to the end goal you seek: maintainable code. As you follow the exercises in the book, the author almost anticipates your questions and you will have the answers, ready to be implemented on your project.

Learning PHP, MySQL, JavaScript, and CSS Robin Nixon 2012-08-27 Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together

Mastering PHP Design Patterns Junade Ali 2016-09-28 Develop robust and reusable code using a multitude of design patterns for PHP 7 About This Book Learn about advanced design patterns in PHP 7 Understand enhanced architectural patterns Learn to implement reusable design patterns to address common recurring problems Who This Book Is For This book is for PHP developers who wish to have better organization structure over their code through learning common methodologies to solve architectural problems against a backdrop of learning new functionality in PHP 7. What You Will Learn Recognize recurring problems in your code with Anti-Patterns Uncover object creation mechanisms using Creational Patterns Use Structural design patterns to easily access your code Address common issues encountered when linking objects using the splObserver classes in PHP 7 Achieve a common style of coding with Architectural Patterns Write reusable code for common MVC frameworks such as Zend, Laravel, and Symfony Get to know the best practices associated with design patterns when used with PHP 7 In Detail Design patterns are a clever way to solve common architectural issues that arise during software development. With an increase in demand for enhanced programming techniques and the versatile nature of PHP, a deep understanding of PHP design patterns is critical to achieve efficiency while coding. This comprehensive guide will show you how to achieve better organization structure over your code through learning common methodologies to solve architectural problems. You'll also learn about the new functionalities that PHP 7 has to offer. Starting with a brief introduction to design patterns, you quickly dive deep into the three main architectural patterns: Creational, Behavioral, and Structural popularly known as the Gang of Four patterns. Over the course of the book, you will get a deep understanding of object creation mechanisms, advanced techniques that address issues concerned with linking objects together, and improved methods to access your code. You will

also learn about Anti-Patterns and the best methodologies to adopt when building a PHP 7 application. With a concluding chapter on best practices, this book is a complete guide that will equip you to utilize design patterns in PHP 7 to achieve maximum productivity, ensuring an enhanced software development experience. Style and approach The book covers advanced design patterns in detail in PHP 7 with the help of rich code-based examples.

The Art of Modern PHP 8 JOSEPH. EDMONDS 2021-09

Object Design Style Guide Matthias Noback 2019-12-23 "Demystifies object-oriented programming, and lays out how to use it to design truly secure and performant applications." —Charles Soetan, Plum.io

Key Features Dozens of techniques for writing object-oriented code that's easy to read, reuse, and maintain Write code that other programmers will instantly understand Design rules for constructing objects, changing and exposing state, and more Examples written in an instantly familiar pseudocode that's easy to apply to Java, Python, C#, and any object-oriented language Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Well-written object-oriented code is easy to read, modify, and debug. Elevate your coding style by mastering the universal best practices for object design presented in this book. These clearly presented rules, which apply to any OO language, maximize the clarity and durability of your codebase and increase productivity for you and your team. In Object Design Style Guide, veteran developer Matthias Noback lays out design rules for constructing objects, defining methods, and much more. All examples use instantly familiar pseudocode, so you can follow along in the language you prefer. You'll go case by case through important scenarios and challenges for object design and then walk through a simple web application that demonstrates how different types of objects can work together effectively. What You Will Learn Universal design rules for a wide range of objects Best practices for testing objects A catalog of common object types Changing and exposing state Test your object design skills with exercises This Book Is Written For For readers familiar with an object-oriented language and basic application architecture. About the Author Matthias Noback is a professional web developer with nearly two decades of experience. He runs his own web development, training, and consultancy company called "Noback's Office." Table of Contents: 1 | Programming with objects: A primer 2 | Creating services 3 | Creating other objects 4 | Manipulating objects 5 | Using objects 6 | Retrieving information 7 | Performing tasks 8 | Dividing responsibilities 9 | Changing the behavior of services 10 | A field guide to objects 11 | Epilogue

PHP SIMPLE C.R.U.D DESIGN ESSTREE BIN ISHAK 2020-11-01 PHP Simple C.R.U.D adalah sebuah penulisan dan penerbitan yang dikhususkan untuk pembangunan aplikasi dan perisian projek tahun akhir pelajar Jabatan Teknologi Maklumat dan Komunikasi, Politeknik Kuching Sarawak. Ianya diilhamkan oleh kami sebagai satu langkah untuk membantu pelajar menyiapkan projek tahun akhir mereka dan sebagai rujukan untuk mempelajari bahasa pengaturcaraan PHP. Umumnya, pembinaan sistem di atas talian boleh dibuat menggunakan pelbagai jenis bahasa pengaturcaraan. Namun, bagi pelajar yang kurang berpengalaman dalam pembangunan aplikasi dan sistem, pengaturcaraan menggunakan PHP adalah antara yang bahasa pengaturcaraan yang mudah difahami kerana ianya sangat felksible. Penulisan dan penerbitan E-BOOK ini adalah bagi memenuhi keperluan pembelajaran bahasa pengaturcaraan PHP tersebut yang telah dijumudkan dari silibus pembelajaran DDT. Buku ini bukanlah satu buku kerja kerana kandungan di dalam buku ini adalah berbentuk perkongsian idea dan membuka laluan pemikiran ke arah pembinaan laman web yang lebih efektif dan sempurna untuk projek akhir pelajar.

Pro PHP Refactoring Francesco Trucchia 2011-01-10 Many businesses and organizations depend on

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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.

PHP 8 Solutions David Powers 2021-10-31 Make your websites more dynamic by adding a feedback form, creating a private area where members can upload images that are automatically resized, or storing all your content in a database. David Powers has updated his definitive book to incorporate the latest techniques and changes to PHP with the arrival of PHP 8. New features include named attributes, constructor property promotion, the stricter and more concise match expression, union types, and more. The problem is, you're not a programmer and the thought of writing code sends a chill up your spine. Or maybe you've dabbled a bit in PHP and MySQL, but you can't get past baby steps. If this describes you, then you've just found the right book. PHP powers four out of every five websites that use a server-side language. In combination with the MySQL database it's ideal for creating dynamic websites. PHP and MySQL are free, easy to use, and provided by many web hosting companies in their standard packages. This book also covers MariaDB, a seamless replacement for MySQL that has been adopted on many web servers. Unfortunately, most PHP books either expect you to be an expert already or force you to go through endless exercises of little practical value. In contrast, this book gives you real value right away through a series of practical examples that you can incorporate directly into your sites, optimizing performance and adding functionality such as file uploading, email feedback forms, image galleries, content management systems, and much more. Each solution is created with not only functionality in mind, but also visual design. But this book doesn't just provide a collection of ready-made scripts: each PHP solution builds on what's gone before, teaching you the basics of PHP and database design quickly and painlessly. You'll learn how to optimize your code using object-oriented programming (OOP) techniques. By the end of the book, you'll have the confidence to start writing your own scripts or—if you prefer to leave that task to others—to adapt existing scripts to your own requirements. Right from the start, you're shown how easy it is to protect your sites by adopting secure coding practices. What You Will Learn Design and build dynamic PHP-based web sites and applications Get started right away through practical examples that you can reuse Incorporate PHP 8 elements including named attributes, constructor property promotion, and union types Understand the subtle, but important differences between switch and match Work with the latest PHP 8 techniques, innovations, and best practices Who This Book Is For Readers should ideally have some prior exposure to web development using PHP.

Clean Code in PHP Carsten Windler 2022-10-31 Practical lessons, examples, and practices from PHP experts on how to take your PHP skills to a professional level Key Features Easily navigate to key clean code principles specific to PHP development with this hands-on guide Learn the how and why of writing clean code through practical examples Skip the superfluous knowledge and grasp everything that's relevant to the real-world development environment Book Description PHP is a beginner-friendly language, but also one that is rife with complaints of bad code, yet no clean code books are specific to PHP. Enter Clean Code in PHP. This book is a one-stop guide to learning the theory and best practices of clean code specific to real-world PHP app development environments. This PHP book is cleanly split to help you navigate through coding practices and theories to understand and adopt the nuances of the clean code paradigm. In addition to covering best practices, tooling for code quality, and PHP design patterns, this book also presents tips and techniques for working on large-scale PHP apps with a team and writing effective documentation for your PHP projects. By the end of this book, you'll be able to write human-friendly PHP code, which will fuel your PHP career growth and set you apart from the

competition. What you will learn Build a solid foundation in clean coding to craft human-readable code Understand metrics to determine the quality of your code Get to grips with the basics of automated tests Implement continuous integration for your PHP applications Get an overview of software design patterns to help you write reusable code Gain an understanding of coding guidelines and practices for working in teams Who this book is for This book is for early-career PHP developers who wish to avoid writing messy code by learning how to write understandable and maintainable code that sets them apart from rest. The book assumes familiarity with PHP coding and principles, but no knowledge of advanced principles will be necessary.

PHP and MySQL 24-Hour Trainer Andrea Tarr 2011-10-07 Step-by-step lessons for using PHP and MySQL in a unique book-and-video combination Assuming no previous experience with PHP or MySQL, this book-and-video package is ideal reading for anyone who wants to go beyond HTML/CSS in order to provide clients with the most dynamic web sites possible. The approachable tone breaks down the basics of programming and PHP and MySQL in individual lessons starting with the installation of the programs necessary to run PHP. You begin with a static web site and then watch and learn as PHP functionality is added as you work through the lessons. When working with databases, the MySQL database is introduced with demonstrations that show how to interact with it. The accompanying videos enhance your learning experience, as each lesson in the book is portrayed in the video exercises. Lessons include: * Getting started with PHP * Setting up your workspace * Adding PHP to a web page * Learning PHP syntax * Working with variables * Debugging code * Working with complex data * Making decisions * Repeating program steps * Learning about scope * Reusing code with functions * Creating forms * Introducing object-oriented programming * Defining classes * Using classes * Using advanced techniques * Handling errors * Writing secure code * Introducing databases * Introducing MySQL * Creating and connecting to the * Creating tables * Entering data * Selecting data * Using multiple tables * Changing data * Deleting data * Preventing database security issues * Creating user logins * Turn the case study into a content management system Note: As part of the print version of this title, video lessons are included on DVD. For e-book versions, video lessons can be accessed at wrox.com using a link provided in the interior of the e-book.

PHP Solutions David Powers 2007-04-30 Using a friendly, accessible and visual learning style, this book takes the reader through the details of setting up their development environment and PHP code basics as painlessly as possible, and shows how to wire together several real world PHP projects. The PHP code offered here generates semantically-sound markup, which is then attractively styled using CSS. The book is up-to-date with the latest versions of PHP (6) and MySQL (5) but is written to be compatible with older versions that readers might find on their hosting servers. Unlike other references, This book teaches security right from the start.

Foundation PHP for Dreamweaver 8 David Powers 2006-11-09 * The book supports the new version of Dreamweaver, a huge potential market! * This book is fairly unique within that market - a book purely focused on PHP web development with Dreamweaver that teaches professional techniques, and doesn't treat readers like idiots (it isn't aimed at the "dummies" audience.) * Dreamweaver has over 3 million users worldwide.

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 Design Pattern Essentials Tony Bevis 2013-09 Once you've learned the fundamentals of Php, understanding Design Patterns is essential for writing clear, concise and effective code. This book gives you a step-by-step guide to object-oriented development, using tried and trusted techniques. The examples have been kept simple, enabling you to concentrate on understanding the concepts and application of each pattern. The book assumes a basic knowledge of Php. Coverage includes all 23 of the patterns from the "Gang of Four" work, additional patterns including Model-View-Controller, and simple Uml diagrams.

Multi-Tier Application Programming with PHP David Wall 2004-06-25 While many architects use PHP for projects, they are often not aware of the power of PHP in creating enterprise-level applications. This book covers the latest version of PHP - version 5 -- and focuses on its capabilities within a multi-tier application framework. It contains numerous coding samples and commentaries on them. A chapter discusses object orientation in PHP as it applies to the multi-tier architecture and other chapters discuss HTTP and SOAP, the two communication protocols most useful in tying together multiple layers. There is also coverage of database design and query construction as well as information about tricks you can use in generating user interfaces. Covers PHP as it relates to developing software in a multi-tier environment—a crucial aspect of developing robust software with low cost and ease of use as design goals. Makes extensive use of Simple Object Access Protocol (SOAP) and Web Services as implemented in PHP and NuSOAP. Shows precisely how to make use of the InnoDB table type newly available in MySQL. InnoDB supports true referential integrity and row-level locking. An application example (a multi-currency bookkeeping application) runs throughout the book, showing various PHP capabilities as well as the database interaction.

Modular Programming with PHP 7 Branko Ajzele 2016-09-09 Utilize the power of modular programming to improve code readability, maintainability, and testability About This Book This book demonstrates code reusability and distributed development to get high speed, maintainable, and fast applications It illustrates the development of a complete modular application developed using PHP7 in detail This book provides a high-level overview of the Symfony framework, a set of tools and a development methodology that are needed to build a modular web shop application Who This Book Is For This step-by-step guide is divided into two sections. The first section explores all the fundamentals of modular design technique with respect to PHP 7. The latter section demonstrates the practical development of individual modules of a web shop application. What You Will Learn Discover the new features of PHP 7 that are relevant to modular application development Write manageable code based on the GoF design patterns and SOLID principles Define the application requirements of a working modular application Explore the ins and outs of the Symfony framework Build a set of modules based on the Symfony framework that comprise a simple web shop app Use core modules to set the structure and dependencies for other modules to use Set up entities that are relevant to the module functionality and see how to manage these entities In Detail Modular design techniques help you build readable, manageable, reusable, and more efficient codes. PHP 7, which is a popular open source scripting

language, is used to build modular functions for your software. With this book, you will gain a deep insight into the modular programming paradigm and how to achieve modularity in your PHP code. We start with a brief introduction to the new features of PHP 7, some of which open a door to new concepts used in modular development. With design patterns being at the heart of all modular PHP code, you will learn about the GoF design patterns and how to apply them. You will see how to write code that is easy to maintain and extend over time with the help of the SOLID design principles. Throughout the rest of the book, you will build different working modules of a modern web shop application using the Symfony framework, which will give you a deep understanding of modular application development using PHP 7.

Style and approach This book is for intermediate-level PHP developers with little to no knowledge of modular programming who want to understand design patterns and principles in order to better utilize the existing frameworks for modular application development.

Mastering PHP 7 Branko Ajzele 2017-06-27 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 Object-Oriented Solutions David Powers 2008-09-24 With the surge of popularity of PHP 5, object-oriented programming is now an important consideration for PHP developers. This version-neutral book is a gentle introduction to object-oriented programming (OOP) that won't overburden you with complex theory. It teaches you the essential basics of OOP that you'll need to know before moving onto a more advanced level, and includes a series of prepackaged scripts that you can incorporate into your existing sites with the minimum of effort. It shows how object-oriented programming can be used to create reusable and portable code by walking you through a series of simple projects. The projects feature the sorts of things developers run up against every day, and include a validator for filtering user

input, a simple Date class that avoids the need to remember all the esoteric format codes in PHP, and an XML generator. Teaches the fundamentals of OOP Simple projects show how OOP concepts work in the real world Prepackaged scripts can easily be added to your own projects

PHP Master Lorna Mitchell 2011 "Modern, efficient, and secure techniques for PHP professionals"--Cover.

Core PHP Programming Leon Atkinson 2004 Demonstrates the construction and deployment of robust Web applications, covering syntax, scripts, functions, sorting, searching, parsing, program design, and debugging.

Secure Development for Mobile Apps J. D. Glaser 2014-10-13 The world is becoming increasingly mobile. Smartphones and tablets have become more powerful and popular, with many of these devices now containing confidential business, financial, and personal information. This has led to a greater focus on mobile software security. Establishing mobile software security should be of primary concern to every mobile application developer. This book explains how you can create mobile social applications that incorporate security throughout the development process. Although there are many books that address security issues, most do not explain how to incorporate security into the building process. *Secure Development for Mobile Apps* does exactly that. Its step-by-step guidance shows you how to integrate security measures into social apps running on mobile platforms. You'll learn how to design and code apps with security as part of the process and not an afterthought. The author outlines best practices to help you build better, more secure software. This book provides a comprehensive guide to techniques for secure development practices. It covers PHP security practices and tools, project layout templates, PHP and PDO, PHP encryption, and guidelines for secure session management, form validation, and file uploading. The book also demonstrates how to develop secure mobile apps using the APIs for Google Maps, YouTube, jQuery Mobile, Twitter, and Facebook. While this is not a beginner's guide to programming, you should have no problem following along if you've spent some time developing with PHP and MySQL.

Professional PHP Design Patterns Aaron Saray 2009-08-04 This guide helps PHP developers take advantage of the stability and features of design patterns Design patterns are the cornerstones of building solid, stable, flexible, and feature-rich Web applications. This guide enables PHP developers to take advantage of everything they offer. If you are unfamiliar with design patterns, this book explains what you need to know. Both novice and veteran PHP developers will benefit from the alphabetical list of design patterns and code examples showing how to implement each pattern in PHP. Step-by-step instructions for a sample contact management system will help you understand real-world applications for the information. Gets PHP developers who have not used design patterns up to speed on the technology Shows programmers who are familiar with design patterns in other languages how to apply the techniques to PHP Includes examples of ordinary code used in everyday development and how to modify it for one of the design patterns discussed Provides an alphabetical list of common design patterns, with code examples showing how each can be implemented in PHP Uses a case study of a contact management system to analyze and demonstrate the step-by-step process of applying design patterns With its single focus on applying design patterns to PHP development, *PHP Design Patterns* helps both new and veteran PHP programmers improve their applications and their career prospects.

Modular Programming with PHP 7 Branko Ajzele 2016-10-31 Utilize the power of modular programming to improve code readability, maintainability, and testability About This Book*This book demonstrates code reusability and distributed development to get high speed, maintainable, and fast applications*It

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on December 3, 2022 by guest

illustrates the development of a complete modular application developed using PHP7 in detail*This book provides a high-level overview of the Symfony framework, a set of tools and a development methodology that are needed to build a modular web shop applicationWho This Book Is ForThis step-by-step guide is divided into two sections. The first section explores all the fundamentals of modular design technique with respect to PHP 7. The latter section demonstrates the practical development of individual modules of a web shop application.What You Will Learn*Discover the new features of PHP 7 that are relevant to modular application development*Write manageable code based on the GoF design patterns and SOLID principles*Define the application requirements of a working modular application*Explore the ins and outs of the Symfony framework*Build a set of modules based on the Symfony framework that comprise a simple web shop app*Use core modules to set the structure and dependencies for other modules to use*Set up entities that are relevant to the module functionality and see how to manage these entitiesIn DetailModular design techniques help you build readable, manageable, reusable, and more efficient codes. PHP 7, which is a popular open source scripting language, is used to build modular functions for your software. With this book, you will gain a deep insight into the modular programming paradigm and how to achieve modularity in your PHP code.We start with a brief introduction to the new features of PHP 7, some of which open a door to new concepts used in modular development. With design patterns being at the heart of all modular PHP code, you will learn about the GoF design patterns and how to apply them. You will see how to write code that is easy to maintain and extend over time with the help of the SOLID design principles.Throughout the rest of the book, you will build different working modules of a modern web shop application using the Symfony framework, which will give you a deep understanding of modular application development using PHP 7.

PHP Solutions David Powers 2011-05-30 This is the second edition of David Powers' highly-respected PHP Solutions: Dynamic Web Design Made Easy. This new edition has been updated by David to incorporate changes to PHP since the first edition and to offer the latest techniques—a classic guide modernized for 21st century PHP techniques, innovations, and best practices. You want to make your websites more dynamic by adding a feedback form, creating a private area where members can upload images that are automatically resized, or perhaps storing all your content in a database. The problem is, you're not a programmer and the thought of writing code sends a chill up your spine. Or maybe you've dabbled a bit in PHP and MySQL, but you can't get past baby steps. If this describes you, then you've just found the right book. PHP and the MySQL database are deservedly the most popular combination for creating dynamic websites. They're free, easy to use, and provided by many web hosting companies in their standard packages. Unfortunately, most PHP books either expect you to be an expert already or force you to go through endless exercises of little practical value. In contrast, this book gives you real value right away through a series of practical examples that you can incorporate directly into your sites, optimizing performance and adding functionality such as file uploading, email feedback forms, image galleries, content management systems, and much more. Each solution is created with not only functionality in mind, but also visual design. But this book doesn't just provide a collection of ready-made scripts: each PHP Solution builds on what's gone before, teaching you the basics of PHP and database design quickly and painlessly. By the end of the book, you'll have the confidence to start writing your own scripts or—if you prefer to leave that task to others—to adapt existing scripts to your own requirements. Right from the start, you're shown how easy it is to protect your sites by adopting secure coding practices.

PHP Architect's Guide to PHP Design Patterns Jason E. Sweat 2005 Design patterns are comprehensive, well-tested solutions to common problems that developers everywhere encounter each day. Although designed for solving general programming issues, some of them have been successfully adapted to the specific needs of Web development.php architect's Guide to PHP Design Patterns is the

first comprehensive guide to the application of design patterns to the PHP development language. Designed to satisfy the need of enterprise-strength development, you will find this book an excellent way to learn about design patterns and an irreplaceable reference for your day-to-day programming. With coverage of more than 16 different types of patterns, including Model-View-Controller, Iterator, MockObject, Register, Proxy, ActiveRecord, DataMapper and many, many others, this book is the ideal resource for your enterprise development with PHP 4 and PHP 5.* Includes over 16 design patterns* Each pattern is discussed in detail with practical code applications* Covers both PHP 4 and PHP 5* Provides a thorough test-driven approach to design patterns* Code is available online

Programming PHP Rasmus Lerdorf 2002-03-26 Explains how to use the open source scripting language to process and validate forms, track sessions, generate dynamic images, create PDF files, parse XML files, create secure scripts, and write C language extensions.

PHP and MySQL Timothy Boronczyk 2008-04-30 Learn everything about the dynamic power of PHP and MySQL in real-world applications with the practical information and step-by-step instructions in PHP and MySQL: Create - Modify - Reuse. The authors, experts in tune with common web development tasks, will guide you through several projects that are complete, tested, and ready to be implemented, so that you can understand by doing. Understand all aspects of design, such as portability, design flow, and integration, and become proficient at solving problems that developers face in everyday circumstances.

PHP 8 Objects, Patterns, and Practice Matt Zandstra 2021-05-29 Learn how to develop elegant and rock-solid systems using PHP, aided by three key elements: object fundamentals, design principles, and best practices. The 6th edition of this popular book has been fully updated for PHP 8, including attributes, constructor property promotion, new argument and return pseudo-types, and more. It also covers many features new since the last edition including typed properties, the null coalescing operator, and void return types. This book provides a solid grounding in PHP's support for objects, it builds on this foundation to instill core principles of software design and then covers the tools and practices needed to develop, test, and deploy robust code. PHP 8 Objects, Patterns, and Practice begins by covering PHP's object-oriented features. It introduces key topics including class declarations, inheritance, and reflection. The next section is devoted to design patterns. It explains the principles that make patterns powerful. You'll cover many of the classic design patterns including enterprise and database patterns. The last segment of the book covers the tools and practices that can help turn great code into a successful project. The section shows how to manage multiple developers and releases with git, and how to manage builds and dependencies with Composer. It also explores strategies for automated testing and continuous integration. After reading and using this book, you will have mastered object-oriented enhancements, design patterns, and the essential development tools available for PHP 8. What You Will Learn Work with object fundamentals: write classes and methods, instantiate objects, and create powerful class hierarchies using inheritance Master advanced object-oriented features, including static methods and properties, managing error conditions with exceptions, and creating abstract classes and interfaces Understand and use design principles to deploy objects and classes effectively in your projects Discover a set of powerful patterns that you can implement in your own projects Guarantee a successful project including unit testing; version control and build, installation, and package management; and continuous integration Who This Book Is For Anyone with at least a basic knowledge of PHP who wants to use its object-oriented features in their projects. It is also for PHP coders who want to learn about the practices and tools (version control, testing, continuous integration, etc) that can make projects safe, elegant and stable.

Learning PHP Design Patterns William Sanders 2013-02-11 Build server-side applications more efficiently—and improve your PHP programming skills in the process—by learning how to use design patterns in your code. This book shows you how to apply several object-oriented patterns through simple examples, and demonstrates many of them in full-fledged working applications. Learn how these reusable patterns help you solve complex problems, organize object-oriented code, and revise a big project by only changing small parts. With *Learning PHP Design Patterns*, you'll learn how to adopt a more sophisticated programming style and dramatically reduce development time. Learn design pattern concepts, including how to select patterns to handle specific problems Get an overview of object-oriented programming concepts such as composition, encapsulation, polymorphism, and inheritance Apply creational design patterns to create pages dynamically, using a factory method instead of direct instantiation Make changes to existing objects or structure without having to change the original code, using structural design patterns Use behavioral patterns to help objects work together to perform tasks Interact with MySQL, using behavioral patterns such as Proxy and Chain of Responsibility Explore ways to use PHP's built-in design pattern interfaces

Learning PHP Design Patterns William B. Sanders 2013 Provides information on building applications using object-oriented design patterns in PHP code.

Design Patterns in PHP and Laravel Kelt Dockins 2016-12-27 Learn each of the original gang of four design patterns, and how they are relevant to modern PHP and Laravel development. Written by a working developer who uses these patterns every day, you will easily be able to implement each pattern into your workflow and improve your development. Each pattern is covered with full examples of how it can be used. Too often design patterns are explained using tricky concepts, when in fact they are easy to use and can enrich your everyday development. *Design Patterns in PHP and Laravel* aims to break down tricky concepts into humorous and easy-to-recall details, so that you can begin using design patterns easily in your everyday work with PHP and Laravel. This book teaches you design patterns in PHP and Laravel using real-world examples and plenty of humor. What You Will Learn Use the original gang of four design patterns in your PHP and Laravel development How each pattern should be used Solve problems when using the patterns Remember each pattern using mnemonics Who This Book Is For People using Laravel and PHP to do their job and want to improve their understanding of design patterns.

Domain-Driven Design in PHP Carlos Buenosvinos 2017-06-14 Real examples written in PHP showcasing DDD Architectural Styles, Tactical Design, and Bounded Context Integration About This Book Focuses on practical code rather than theory Full of real-world examples that you can apply to your own projects Shows how to build PHP apps using DDD principles Who This Book Is For This book is for PHP developers who want to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book doesn't dwell on the theory, but instead gives you the code that you need. What You Will Learn Correctly design all design elements of Domain-Driven Design with PHP Learn all tactical patterns to achieve a fully worked-out Domain-Driven Design Apply hexagonal architecture within your application Integrate bounded contexts in your applications Use REST and Messaging approaches In Detail Domain-Driven Design (DDD) has arrived in the PHP community, but for all the talk, there is very little real code. Without being in a training session and with no PHP real examples, learning DDD can be challenging. This book changes all that. It details how to implement tactical DDD patterns and gives full examples of topics such as integrating Bounded Contexts with REST, and DDD messaging strategies. In this book, the authors show you, with tons of details and examples, how to properly design Entities, Value Objects, Services, Domain Events, Aggregates, Factories, Repositories, Services, and Application Services with PHP. They show how to

apply Hexagonal Architecture within your application whether you use an open source framework or your own. Style and approach This highly practical book shows developers how to apply domain-driven design principles to PHP. It is full of solid code examples to work through.

Expert PHP and MySQL Marc Rochkind 2013-08-20 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

PHP Hacks Jack D. Herrington 2005-12-12 Programmers love its flexibility and speed; designers love its accessibility and convenience. When it comes to creating web sites, the PHP scripting language is truly a red-hot property. In fact, PHP is currently used on more than 19 million web sites, surpassing Microsoft's ASP .NET technology in popularity. Not surprisingly, this surge in usage has resulted in a number of PHP books hitting the market. Only one, though, takes the language beyond traditional Web programming and into mapping, graphing, multimedia, and beyond: PHP Hacks. In PHP Hacks, author Jack Herrington wrings out his 20 years of code generation experience to deliver hands-on tools ranging from basic PHP and PEAR installation and scripting to advanced multimedia and database optimizing tricks. On the practical side of things, PHP Hacks helps you develop more robust PHP applications by explaining how to improve your database design, automate application testing, and employ design patterns in your PHP scripts and classes. In the category of "cool," Herrington explains how to upgrade your Web interface through the creation of tabs, stickies, popups, and calendars. He even examines how to leverage maps and graphics in PHP. There's also a bounty of image and application hacks, including those that show you how to: Integrate web sites with Google maps and satellite imaging Dynamically display iPhoto libraries online Add IRC, SMS, and Instant Messaging capabilities to your Web

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applications Drop the latest Wikipedia dictionary onto your Sony PSP Render graphics and user interfaces with SVG, DHTML, and Ajax Whether you're a newcomer or an expert, you'll find great value in PHP Hacks, the only PHP guide that offers something useful and fun for everyone.

Expert PHP and MySQL Marc Rochkind 2013-09-30 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

Web Database Applications with PHP and MySQL Hugh E. Williams 2002 Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.