

Codeigniter For Rapid Php Application Development Improve Your Php Coding Productivity With The Free Compact Open Source Mvc Codeigniter Framework

MariaDB High PerformanceUML for Database DesignPHP Team DevelopmentProfessional CodeIgniterFowlerCodeIgniter 1.7Laravel: Up & RunningMurach's MySQL, 3rd EditionSpring MVC BlueprintsZend Framework in ActionJump Start PHPCodeIgniter Web Application BlueprintsModernizing Legacy Applications in PHPModern PHPPHP MicroservicesYii2 Application Development CookbookEurope and MENA Cooperation Advances in Information and Communication TechnologiesTkinter GUI Application Development BlueprintsCodeIgniter 1.7 Professional DevelopmentPHP Beyond the WebModular Programming with PHP 7Proceeding of International Conference on Computational Science and ApplicationsYii 1.1 Application Development CookbookLearning Yii TestingBeginning MapServerPro PHP MVCProgramming with CodeIgniterMVCP Pro PHP and jQueryCodeIgniter Web Application BlueprintsThe Definitive Guide to symfonyCodeIgniterCodeigniter for Rapid Php Application DevelopmentCodeIgniter 2 CookbookLaravel Design Patterns and Best PracticesEnhancing PHP Coding with CodeIgniterLearning PHP & MySQLCONQUHAS 2018PHP 7: Real World Application DevelopmentBuilding PHP Applications with Symfony, CakePHP, and Zend FrameworkBuilding Evolutionary Architectures

MariaDB High Performance

Improve your PHP coding productivity with the free compact open-source MVC CodeIgniter framework!

UML for Database Design

Model View Controller (MVC) is becoming the definitive architecture of website development frameworks due to the stability, extensibility and predictability it lends to development. It is not just the primary separation of database, business logic and interface components, but includes a wide range of considerations for building high-performing, scalable and secure applications. Deciding which MVC framework best suits the project you are about to begin is one of the biggest challenges you'll face as a developer. If you are part of a team, this decision has probably already been made for you; but in any event, you'll need to know how (and why) the framework authors made it work the way it does. Pro PHP MVC looks at the building blocks that make any good MVC framework, and how they apply to PHP. It exposes all considerations that many developers take for granted when using a popular framework, and teaches you how to make the framework your own. Over the course of reading this book, you will learn the theoretical implications of the choices you would make when writing

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your own MVC framework, and how to put the pieces together in a cohesive package. We take a look at the highly modular Zend Framework—how to use its collection of loosely coupled classes to build a unified system. We also look at CakePHP, learning from its automated build system (Bakery) and highly intuitive approach to rapid development. This book will lay bare all the secret parts of MVC for you.

PHP Team Development

Use your existing web-based PHP skills to write all types of software: CLI scripts, desktop software, network servers, and more. This book gives you the tools, techniques, and background necessary to write just about any type of software you can think of, using the PHP you know. PHP Beyond the Web shows you how to take your knowledge of PHP development for the web and utilise it with a much wider range of software systems. Enjoy the benefits of PHP after reading this book: save money by redeploying existing skills, not learning new ones; save time and increase productivity by using a high-level language; and make money by providing your clients a full-stack service (not just websites). PHP is no longer just a great scripting language for websites, it's now a powerful general-purpose programming language. Expand your use of PHP into your back-end systems, server software, data processing services, desktop interfaces, and more. What You'll Learn Write interactive shell scripts Work with system daemons Write desktop software Build network servers Interface with electronics using PHP and the Raspberry Pi Manage performance, deployment, licensing, and system interaction Discover the software tools for development and get other great sources of technical information and help Who This Book Is For Experienced PHP programmers or experienced programmers interested in leveraging PHP outside the web development context. /div

Professional CodeIgniter

Easy and effective team work using MVC, agile development, source control, testing, bug tracking, and more.

Fowler

Design and implement real-world web-based applications using the Spring Framework 4.x specification based on technical documentation About This Book Learn all the details of implementing Spring 4.x MVC applications from basic core platform construction to advanced integration implementations Gain a complete reference guide to implementing the controllers, models, views, view resolvers, and other service-related components to solve various real-world problems Discover the possible optimal solutions for developers and experts to build enterprise and personal web-based applications Create a Spring MVC application that has a validation process and exception handling with the HTTP status codes Who This Book Is For This book is for competent Spring developers who wish to understand how to develop complex yet flexible applications

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with Spring MVC. You must have a good knowledge of JAVA programming and be familiar with the basics of Spring. What You Will Learn Set up and configure the Spring 4.x MVC platform from ground level up using the basic Spring Framework 4.x APIs Study requirements and manage solutions on file uploading transactions in Spring 4.x applications Configure, , and test Spring integration to the Hibernate, MyBatis, and JPA frameworks for database transactions Properly implement exception handlers and audit trails in Spring MVC applications Generate reports using JFreeChart, Google Charts, JasperReports, DynamicReports, FreeMarker, Velocity, and Spring's API known as ContentNegotiatingViewResolver Configure security and flexibility by adding Captcha, Spring Security, Spring Flow, Spring Portlets, JTA to improve data management performance Implement web services using Spring's RESTful implementation and other service-oriented integration plugins Design and implement a Spring 4.x application using AngularJS, ExtJs, Twitter Bootstrap, and Spring Mobile for responsive web design In Detail Spring MVC is the ideal tool to build modern web applications on the server side. With the arrival of Spring Boot, developers can really focus on the code and deliver great value, leveraging the rich Spring ecosystem with minimal configuration. Spring makes it simple to create RESTful applications, interact with social services, communicate with modern databases, secure your system, and make your code modular and easy to test. It is also easy to deploy the result on different cloud providers. This book starts all the necessary topics in starting a Spring MVC-based application. Moving ahead it explains how to design model objects to handle file objects. save files into a data store and how Spring MVC behaves when an application deals with uploading and downloading files. Further it highlights form transactions and the user of Validation Framework as the tool in validating data input. It shows how to create a customer feedback system which does not require a username or password to log in. It will show you the soft side of Spring MVC where layout and presentation are given importance. Later it will discuss how to use Spring Web Flow on top of Spring MVC to create better web applications. Moving ahead, it will teach you how create an Invoice Module that receives and transport data using Web Services By the end of the book you will be able to create efficient and flexible real-time web applications using all the frameworks in Spring MVC. Style and approach This book is a compendium of technical specification documents that will guide you through building an application using Spring 4.x MVC. Each chapter starts with a high-level wireframe design of the software followed by how to set up and configure different libraries and tools.

CodeIgniter 1.7

Developers who have a solid pre-existing knowledge of Yii's core concepts will find this book an ideal introduction to learning to write tests using Yii 2's tools. You'll learn to create faster and more reliable applications with less time and effort.

Laravel: Up & Running

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PHP and MySQL are quickly becoming the de facto standard for rapid development of dynamic, database-driven web sites. This book is perfect for newcomers to programming as well as hobbyists who are intimidated by harder-to-follow books. With concepts explained in plain English, the new edition starts with the basics of the PHP language, and explains how to work with MySQL, the popular open source database. You then learn how to put the two together to generate dynamic content. If you come from a web design or graphics design background and know your way around HTML, Learning PHP & MySQL is the book you've been looking for. The content includes: PHP basics such as strings and arrays, and pattern matching A detailed discussion of the variances in different PHP versions MySQL data fundamentals like tables and statements Information on SQL data access for language A new chapter on XHTML Error handling, security, HTTP authentication, and more Learning PHP & MySQL explains everything from fundamental concepts to the nuts and bolts of performing specific tasks. As part of O'Reilly's bestselling Learning series, the book is an easy-to-use resource designed specifically for beginners. It's a launching pad for future learning, providing you with a solid foundation for more advanced development.

Murach's Mysql, 3rd Edition

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 crufty 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

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your code like the wind. Your code will be autoloading, 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.

Spring MVC Blueprints

The book consists of high-quality papers presented at the International Conference on Computational Science and Applications (ICCSA 2019), held at Maharashtra Institute of Technology World Peace University, Pune, India, from 7 to 9 August 2019. It covers the latest innovations and developments in information and communication technology, discussing topics such as soft computing and intelligent systems, web of sensor networks, drone operating systems, web of sensor networks, wearable smart sensors, automated guided vehicles and many more.

Zend Framework in Action

This book is aimed at system administrators/architects or DBAs who want to learn more about how to grow their current infrastructure to support larger traffic. Before beginning with this book, we expect you to be well-practiced with MySQL/MariaDB for common usage. You will be able to get a grasp quickly if you are comfortable with learning and building large infrastructures for MariaDB using Linux.

Jump Start PHP

This book contains a selection of articles from The Europe, Middle East and North Africa Conference on Technology and Security to Support Learning 2016 (EMENA-TSSL'16), held between the 3th and 5th of October at Saidia, Oujda, Morocco. EMENA-TSSL'16 is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges in Information & Communication Technologies, and Security to support Learning. The main topics covered are: A) Online Education; B) Emerging Technologies in Education; C) Artificial Intelligence in Education; D) Gamification and Serious games; E) Network & Web Technologies Applications; F) Online experimentation and Virtual Laboratories; G) Multimedia Systems and Applications; H) Security and Privacy; I) Multimedia, Computer Vision and Image Processing; J) Cloud, Big Data Analytics and Applications; K) Human-Computer Interaction; L)

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Software Systems, Architectures, Applications and Tools; M) Online Languages and Natural Language Processing N) E-content Development, Assessment and Plagiarism; O) Secure E-Learning Development and Auditing; P) Internet of Things and Wireless Sensor Networks.

Codeigniter Web Application Blueprints

Codeigniter is a MVC (Model View Controller) framework for developing PHP applications quickly. It provides out of the box libraries for connecting to the database and performing various operations. Here is what is covered in the book - Chapter 1: What is Codeigniter? How does it Work? What is Codeigniter? Codeigniter Features How Codeigniter Works? Codeigniter Release History Chapter 2: How to Download & Install Codeigniter Download and Install Latest Codeigniter Framework What is Composer? How to install Composer Codeigniter Config Files Codeigniter Configurations How to remove index.php in Codeigniter Chapter 3: Codeigniter Application's FOLDER & FILE Structure Application subdirectories System subdirectories User_guide directory Vendor directory Chapter 4: Codeigniter MVC(Model View Controller) Framework with Example What is MVC? How MVC frameworks work? Codeigniter Controller Codeigniter Model Chapter 5: Codeigniter Controllers, Views Routing How to create a new Codeigniter project Codeigniter Routing Create a Route Create a Controller Create a View Chapter 6: Codeigniter Routes What are Routes? Routes Example Creating URL's for the Application Views Chapter 7: Codeigniter Form & Form Validation Codeigniter Form Helper Example Create Form Codeigniter Form Validation Adding Form Validation Rules Displaying Form Validation Error Messages Populating Submitted Form Data: Sticky Forms Example Form Validation Chapter 8: Codeigniter Active Record How to use Active Record: Example Codeigniter Database Configuration Codeigniter Insert Active Record Codeigniter Select Active Record Codeigniter Update Active Record Codeigniter Delete Active Record Chapter 9: Codeigniter Database Codeigniter Working with Database Database Configuration Codeigniter Database Models Contacts Manager Views Chapter 10: Pagination in Codeigniter Database configuration Codeigniter Pagination Database Model Codeigniter Pagination Routes Codeigniter Pagination Controller Chapter 11: How to Set Session in Codeigniter Codeigniter Session Management When to use sessions? Sending Flash Messages to other pages with CI Sessions Storing User Data in CI Sessions Codeigniter Session Views Chapter 12: How to Upload Image & File in Codeigniter Codeigniter File Upload Uploading Images in Codeigniter Testing the application Chapter 13: How to Send Email using Codeigniter Codeigniter Email Configuration Codeigniter Email View Codeigniter Email Controller Email Routes Chapter 14: Laravel vs Codeigniter What is Laravel? What is Codeigniter? Why use Laravel? Why use Codeigniter? Features of Laravel Features of Codeigniter Laravel vs. Codeigniter: Know the Difference Laravel vs. Codeigniter which is better? Click the BUY button now and download the book now to start learning UML. Learn it fast and learn it well. Pick up your copy today by clicking the BUY NOW button at the top of this page!

Modernizing Legacy Applications in PHP

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Use new features of PHP 7 to solve practical, real-world problems faced by PHP developers like yourself every day. About This Book This course covers the new features of version 7.x, best practices for server-side programming, and MVC frameworks Leverage the potential of PHP for server-side programming, memory management, and Object-Oriented Programming to improve your programming productivity This course also illustrates the development of a complete modular application using PHP 7 in detail Who This Book Is For If you are an aspiring web developer, mobile developer, or back-end programmer, who has basic experience in PHP programming and wants to develop performance-critical applications, then this course is for you. It will take your PHP programming skills to next level. What You Will Learn Solve practical real-world programming problems using PHP 7 Discover where and when PHP 5 code needs to be re-written to avoid backwards-compatibility breaks Use advanced PHP 7 features such as the Abstract Syntax Tree, Uniform Variable Syntax, Scalar Type Hints, Generator Delegation, Anonymous Classes, and the Context Sensitive Lexer Set up a high performance development and production environment for PHP 7 Discover new OOP features in PHP 7 to achieve high performance Discover the new features of PHP 7 that are relevant to modular application development 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 In Detail PHP is a great language for developing web applications. It is essentially a server-side scripting language. PHP 7 is the latest version, providing major backward-compatibility breaks and focusing on improved performance and speed. This course follows a learning path which is divided into three modules. Each module is a mini course in its own right, taking your basic PHP programming skills to the next level by showing you intermediate to advanced PHP techniques with a focus on PHP 7. This way, get you equipped with the tools and skills required to develop professional and efficient applications for your websites and enterprises. The first module of the book is a programming cookbook that consists over 80 recipes! Each recipe is designed to solve practical, real-world problems faced by PHP developers like yourself every day. This course also covers new ways of writing PHP code made possible only in version 7. The second module of the course is designed to improve the performance and productivity of your application. We'll introduce you to the concepts of Object-Oriented Programming (OOP) in PHP 7, then shed some light on how to improve the performance of your PHP 7 applications and database. Throughout this module you will be introduced to benchmarking tools. With all important concepts of PHP covered up you will move on to third module. In this module you will gain a deep insight into the modular programming paradigm and how to achieve modularity in your PHP code. 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. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: PHP 7 Programming Cookbook, Doug Bierer Learning PHP 7 High Performance, Altaf Hussain Modular Programming with PHP 7, Branko Ajzele Style and approach This book takes a practical, step-by-step approach with real-world examples that serve as building blocks for your application development and guide you through improving the quality of your code.

Modern PHP

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its ecosystem of tools let you quickly build new sites and applications with clean, readable code. Fully updated to cover Laravel 5.8, the second edition of this practical guide provides the definitive introduction to one of today's most popular web frameworks. Matt Stauffer, a leading teacher and developer in the Laravel community, delivers a high-level overview and concrete examples to help experienced PHP web developers get started with this framework right away. This updated edition also covers Laravel Dusk and Horizon and provides information about community resources and other noncore Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and filtering user-provided data The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPUnit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing

PHP Microservices

If you are a PHP programmer or developer looking for a framework to quickly develop your applications, this book is for you. The prerequisites needed would be prior experience with CodeIgniter.

Yii2 Application Development Cookbook

This book is a practical guide packed with clear examples that will help you get to grips with the best practices in Laravel design patterns to create advanced web applications. This book is intended for web application developers working with Laravel who want to increase the efficiency of their web applications. It assumes that you have some experience with the Laravel PHP framework and are familiar with coding OOP methods.

Europe and MENA Cooperation Advances in Information and Communication Technologies

PHP is a hugely popular language that powers the backend of 80% of websites, including Internet giants such as Facebook, Wikipedia and WordPress. It's an easy language to learn and great for beginners, so you can get up and running fast! In Jump Start PHP you'll learn step-by-step how to build a complete blog application, understand how PHP works with data, and improve the security of your PHP apps. In just one weekend, you'll have a solid base to start writing PHP on your own! What you'll learn No Previous Knowledge Required: Start by installing PHP and the best free tools Nail the Basics: Learn syntax,

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operators, loops and functions Write Better Code: Understand Object Oriented Programming, and learn best practices used by the pros Build your Resume: PHP is a rock-solid language to add to your list of skills Who should do this Developers seeking a rapid introduction to PHP. You'll need to know HTML and CSS, and experience with other programming languages would be useful.

Tkinter GUI Application Development Blueprints

The book is written for PHP developers who wish to learn how to use MVC for application development, using CodeIgniter. No experience of CodeIgniter would be necessary, as this book is for beginning MVC development. This book is written for PHP developers who wish to learn how to use the CodeIgniterMVC framework for application development. No experience of CodeIgniter is necessary, as this book is for beginning MVC development.

CodeIgniter 1.7 Professional Development

Become a CodeIgniter expert with professional tools, techniques and extended libraries.

PHP Beyond the Web

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

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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.

Modular Programming with PHP 7

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

Proceeding of International Conference on Computational Science and Applications

This is the latest edition of the book that application developers worldwide have used to master MySQL]€]now updated for MySQL 8 and beyond. As you would expect, this book shows how to code all the essential SQL statements for working with a MySQL database. You'll use these statements every day to have MySQL do more of your work for you. But beyond that, it shows how to work with classic MySQL features that take you to new level, such as summary queries, subqueries, functions, views, transactions, stored procedures, triggers, and security. It shows how to take advantage of newer MySQL features such as window functions, Common Table Expressions (CTE), and roles for database security. It shows how to design a database, including how to use MySQL Workbench to create and implement the design. It even presents a starting set of skills for a database administrator (DBA) if you're interested in that career path or if you need to be your own DBA. In short, it's a must-have guide for anyone who works with MySQL, beginning and experienced developers alike.

Yii 1.1 Application Development Cookbook

Master GUI programming in Tkinter as you design, implement, and deliver ten real-world applications from start to finish About This Book Conceptualize and build state-of-art GUI applications with Tkinter Tackle the complexity of just about any size GUI application with a structured and scalable approach A project-based, practical guide to get hands-on into Tkinter GUI development Who This Book Is For Software developers, scientists, researchers, engineers, students, or programming hobbyists with basic familiarity in Python will find this book interesting and informative. People familiar with basic programming constructs in other programming language can also catch up with some brief reading on Python. No GUI programming experience is expected. What You Will Learn Get to know the basic concepts of GUI programming, such as Tkinter top-level widgets, geometry management, event handling, using callbacks, custom styling, and dialogs Create apps that can be scaled in size or complexity without breaking down the core Write your own GUI framework for maximum code reuse Build apps using both procedural and OOP styles, understanding the strengths and limitations of both styles Learn to structure and build large GUI applications based on Model-View-Controller (MVC) architecture Build multithreaded and database-driven apps Create apps that leverage resources from the network Learn basics of 2D and 3D animation in GUI applications Develop apps that can persist application data with object serialization and tools such as configparser In Detail Tkinter is the built-in GUI package that comes with standard Python distributions. It is a cross-platform package, which means you build once and deploy everywhere. It is simple to use and intuitive in nature, making it suitable for programmers and non-programmers alike. This book will help you master the art of GUI programming. It delivers the bigger picture of GUI programming by building real-world, productive, and fun applications such as a text editor, drum machine, game of chess, media player, drawing application, chat application, screen saver, port scanner, and many more. In every project, you will build on the skills acquired in the previous project and gain more expertise. You will learn to write multithreaded programs, network programs, database driven programs and more. You will also get to know the modern best practices involved in writing GUI apps. With its rich source of sample code, you can build upon the knowledge gained with this book and use it in your own projects in the discipline of your choice. Style and approach An easy-to-follow guide, full of hands-on examples of real-world GUI programs. The first chapter is a must read as it explains most of the things you need to get started with writing GUI programs with Tkinter. Each subsequent chapter is a stand-alone project that discusses some aspects of GUI programming in detail. These chapters can be read sequentially or randomly depending upon the readers experience with Python.

Learning Yii Testing

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

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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.

Beginning MapServer

If you're a PHP developer, you can build Rails-like applications without learning a new language by following the hands-on tutorials in Professional CodeIgniter. In this book, find an overview of MVC and agile technologies, model and schema for products, helpers and libraries, Ajax and Scriptaculous, and explanations of the creation of applications like content management, blogs, and forums. Follow the step-by-step instructions for building and perfecting each application with CodeIgniter, and you will learn how to avoid everyday problems that other reference manuals don't address.

Pro PHP MVC

This book, authored by project and documentation leads Fabien Potencier and François Zaninotto, serves as a complete guide to all aspects of Symfony. Readers are guided through fundamental concepts such as installation, configuration, and security, followed by thorough discussion of advanced concepts such as scaffolding, routing, caching, and internationalization. Bundled with numerous tools for helping document, debug, and test your applications, and developed in a manner encouraging agile development principles, Symfony is sparking the imagination of thousands of developers around the globe.

Programming with CodeIgniterMVC

Proceedings of the 2nd International Conference on Quran and Hadith Studies Information Technology and Media in Conjunction with the 1st International Conference on Islam, Science and Technology, ICONQUHAS & ICONIST, Bandung, October 2-4, 2018, Indonesia. Now-days, Multimedia devices offer opportunities in transforming the Quran and Hadith into different forms of use, and into extended areas of studies. Technology information offers challenges as well as opportunity.

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Therefore, Faculty of Ushuluddin, UIN (the State Islamic University) Syarif Hidayatullah Jakarta, of UIN Sunan Gunung Djati Bandung, and UIN Maulana Malik Ibrahim Malang held jointly the 2nd International Conference on Qur'an and Hadith Studies (ICONQUHAS 2018) and the 1st International Conference on Islam, Science, and Technology (ICONIST2018), with the theme "Qur'an-Hadith, Information Technology, and Media: Challenges and Opportunities". This conference aims at bringing together scholars and researchers to share their knowledge and their research findings. This publication resulted from the selected papers of these conferences

Pro PHP and jQuery

Discover 100 useful recipes that will bring the best out of the Yii2 framework and be on the bleeding edge of web development today About This Book Learn how to use Yii2 efficiently through clear examples and core features, and see how to use tests, create reusable code snippets, core widgets, deployment, and more This book provides you with a wide space for practice approaches and helps you to learn about the new Yii2 framework. Understand the difference between the Yii 1.x.x versions using useful examples from real web applications Who This Book Is For This book is for developers with good PHP5 knowledge and MVC-frameworks who have tried to develop applications using the Yii 1.x.x version. This book will very useful for all those who would like to try Yii2, or those who are afraid to move from Yii 1.x.x. to Yii2. If you have still not tried Yii2, this book is definitely for you! What You Will Learn See the new version of the Yii2 framework and application development practices Write your applications more efficiently using shortcuts, Yii's core functionality, and the best practices in Web 2.0 Get data from a database, and deal with Active Record, migrations, widgets, and core features Easily update your skills from the previous version of the framework Explore how to use Yii with different JavaScript frameworks and libraries such as WebSockets, Angular, Ember, Backbone and React Learn how to keep your application secure according to the general web application security principle "filter input, escape output. Write RESTfull Web Services using Yii2 and built-in features Correctly install and use official extensions in your projects Effectively create and implement your own Yii extension, and also ensure your extension is reusable and useful for the community In Detail Yii is a free, open source web application development framework written in PHP5 that promotes clean DRY design and encourages rapid development. It works to streamline your application development time and helps to ensure an extremely efficient, extensible, and maintainable end product. Being extremely performance optimized, Yii is a perfect choice for any size project. However, it has been built with sophisticated, enterprise applications in mind. You have full control over the configuration from head-to-toe (presentation-to-persistence) to conform to your enterprise development guidelines. It comes packaged with tools to help test and debug your application, and has clear and comprehensive documentation. This book is a collection of Yii2 recipes. Each recipe is represented as a full and independent item, which showcases solutions from real web-applications. So you can easily reproduce them in your environment and learn Yii2 fast and without tears. All recipes are explained with step-by-step code examples and clear screenshots. Yii2 is like a suit that looks great off the rack,

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but is also very easy to tailor to fit your needs. Virtually every component of the framework is extensible. This book will show how to use official extensions, extend any component, or write a new one. This book will help you create modern web applications quickly, and make sure they perform well using examples and business logic from real life. You will deal with the Yii command line, migrations, and assets. You will learn about role-based access, security, and deployment. We'll show you how to easily get started, configure your environment, and be ready to write web applications efficiently and quickly. Style and approach The chapters of this book are independent and offer a practical approach to Yii development. You can start reading from the chapter you need most, be it Ajax and jQuery, RESTful Web Services, Database, Active Record, or Official Extensions

CodeIgniter Web Application Blueprints

Annotation CodeIgniter (CI) is a powerful open-source PHP framework with a very small footprint, built for PHP coders who need a simple and elegant toolkit to create full-featured web applications. CodeIgniter is an MVC framework, similar in some ways to the Rails framework for Ruby, and is designed to enable, not overwhelm. This book explains how to work with CodeIgniter in a clear logical way. It is not a detailed guide to the syntax of CodeIgniter, but makes an ideal complement to the existing online CodeIgniter user guide, helping you grasp the bigger picture and bringing together many ideas to get your application development started as smoothly as possible. What you will learn from this book

- * Setting up the CI package on your web server
- * Understanding the Model-View-Controller (MVC) pattern for organizing a dynamic website
- * Understanding the structure of a CI site
- * Designing better views and controllers
- * Object-oriented aspects of CI
- * Integrating databases such as MySQL and simplifying your database access
- * Making your site more robust and professional by using CI's built-in classes
- * Creating and validating HTML forms with CI form helpers
- * Handling files, images, and sessions with CI
- * Sending email from CI
- * Using CI for testing your code with error handling, unit testing, benchmarking, and profiling
- * Getting an XML-RPC server and client working
- * Generating Create, Update, Delete, and Read (C.R.U.D) entries on each database table

The Definitive Guide to symfony

Transit from monolithic architectures to highly available, scalable, and fault-tolerant microservices About This Book Build your own applications based on event-driven microservices and set them up on a production server. Successfully transform any monolithic application into a microservice. Monitor the health of your application, prevent downtime, and reduce costs. Who This Book Is For PHP developers who want to build scalable, highly available, and secure applications will find this book useful. No knowledge of microservices is assumed. What You Will Learn Set up a development environment using the right strategies and tools. Learn about application design and structure to start implementing your application. Transform a

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monolithic application into microservices. Explore the best way to start implementing your application using testing. Understand how to monitor your microservices, handle errors, and debug the application. Deploy your finished application into a production environment and learn how to solve common problems. Know how to scale your application based on microservices once it is up-and-running. In Detail The world is moving away from bulky, unreliable, and high-maintenance PHP applications, to small, easy-to-maintain and highly available microservices and the pressing need is for PHP developers to understand the criticalities in building effective microservices that scale at large. This book will be a reliable resource, and one that will help you to develop your skills and teach you techniques for building reliable microservices in PHP. The book begins with an introduction to the world of microservices, and quickly shows you how to set up a development environment and build a basic platform using Docker and Vagrant. You will then get into the different design aspects to be considered while building microservices in your favorite framework and you will explore topics such as testing, securing, and deploying microservices. You will also understand how to migrate a monolithic application to the microservice architecture while keeping scalability and best practices in mind. Furthermore you will get into a few important DevOps techniques that will help you progress on to more complex domains such as native cloud development, as well as some interesting design patterns. By the end of this book you will be able to develop applications based on microservices in an organized and efficient way. You will also gain the knowledge to transform any monolithic applications into microservices. Style and approach Filled with code that you can start typing straightaway, this book will take you through building, testing, securing, and deploying microservices in the most practical way possible. The focus of the book is more inclined towards showing you how it's done, rather than with what to do, although you will get a good idea of those tools most widely used to build microservices.

CodeIgniter

Over 80 recipes to help you master using the Yii PHP framework.

Codeigniter for Rapid Php Application Development

CodeIgniter is an extremely light weight, high performance, open source PHP framework for developing websites in Model-View-Controller architecture. It possesses a rich set of functionality with numerous libraries for sending e-mails, uploading files, connecting to database, session tracking etc. and numerous helpers which tremendously increase the speed of website development in PHP thereby contributing to the reduction in development cost and time.

CodeIgniter 2 Cookbook

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This book takes readers on a tour of the components of the Zend Framework as they build a high quality, real-world Web application.

Laravel Design Patterns and Best Practices

Presented in a recipe-based format, you are led step-by-step through each aspect of CodeIgniter, allowing you to dip in and out as you choose. CodeIgniter 2 Cookbook is for intermediate to advanced PHP developers who want to begin using the powerful CodeIgniter framework to create web applications. Familiarity with CodeIgniter isn't essential, but it will be useful if you have been introduced to the framework before.

Enhancing PHP Coding with CodeIgniter

* The first book to cover MapServer. * Shows readers how to build dynamic maps using popular open source languages including PHP, Perl and Python. * Shows readers how to pull map information from a MySQL database, to build data-driven mapping applications.

Learning PHP & MySQL

If you are a PHP programmer or developer looking for a framework to quickly develop your applications, this book is for you. The prerequisites needed would be prior experience with CodeIgniter.

ICONQUHAS 2018

The practice of enterprise application development has benefited from the emergence of many new enabling technologies. Multi-tiered object-oriented platforms, such as Java and .NET, have become commonplace. These new tools and technologies are capable of building powerful applications, but they are not easily implemented. Common failures in enterprise applications often occur because their developers do not understand the architectural lessons that experienced object developers have learned. Patterns of Enterprise Application Architecture is written in direct response to the stiff challenges that face enterprise application developers. The author, noted object-oriented designer Martin Fowler, noticed that despite changes in technology--from Smalltalk to CORBA to Java to .NET--the same basic design ideas can be adapted and applied to solve common problems. With the help of an expert group of contributors, Martin distills over forty recurring solutions into patterns. The result is an indispensable handbook of solutions that are applicable to any enterprise application platform. This book is actually two books in one. The first section is a short tutorial on developing enterprise

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applications, which you can read from start to finish to understand the scope of the book's lessons. The next section, the bulk of the book, is a detailed reference to the patterns themselves. Each pattern provides usage and implementation information, as well as detailed code examples in Java or C#. The entire book is also richly illustrated with UML diagrams to further explain the concepts. Armed with this book, you will have the knowledge necessary to make important architectural decisions about building an enterprise application and the proven patterns for use when building them. The topics covered include

- Dividing an enterprise application into layers
- The major approaches to organizing business logic
- An in-depth treatment of mapping between objects and relational databases
- Using Model-View-Controller to organize a Web presentation
- Handling concurrency for data that spans multiple transactions
- Designing distributed object interfaces

PHP 7: Real World Application Development

The software development ecosystem is constantly changing, providing a constant stream of new tools, frameworks, techniques, and paradigms. Over the past few years, incremental developments in core engineering practices for software development have created the foundations for rethinking how architecture changes over time, along with ways to protect important architectural characteristics as it evolves. This practical guide ties those parts together with a new way to think about architecture and time.

Building PHP Applications with Symfony, CakePHP, and Zend Framework

Take advantage of the improved performance and reduced memory requirements of PHP version 7, and learn to utilize the new built-in PHP functions and features such as typed variable enforcement with `declare(strict_types=1)` and the new available data types, scalar type declarations for function arguments and return statements, constant arrays using `define()`, argument unpacking with the operator, integer division with `intdiv()`, the null coalesce operator, the spaceship operator, new exception types, and improvements to existing features. Pro PHP and jQuery, Second Edition is for intermediate level programmers interested in building web applications using jQuery and PHP. Updated for PHP version 7 and the latest version of jQuery, this book teaches some advanced PHP techniques and it shows you how to take your dynamic applications to the next level by adding a JavaScript layer using the jQuery framework and APIs. After reading and using this book, you'll come away having built a fully functional PHP and jQuery web application that you can reapply as a template for your own particular web application. Pro PHP and jQuery, Second Edition is for intermediate level programmers interested in building web applications using jQuery and PHP. Updated for PHP version 7 and the latest version of jQuery, this book teaches some advanced PHP techniques and it shows you how to take your dynamic applications to the next level by adding a JavaScript layer using the jQuery framework and APIs, considered the most popular JavaScript libraries. After reading and using this book, you'll come away understanding a fully functional PHP using jQuery web application case study

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that you can reapply as a template for your own particular web application. Moreover, from PHP 7, you'll get uniform variable syntax, the AST-based compilation process, the added Closure::call(), bitwise shift consistency across platforms, the (null coalesce) operator, Unicode codepoint escape syntax, return type declarations, and new and easier extensions development with support for redis, MongoDB and much more.

Building Evolutionary Architectures

Typically, analysis, development, and database teams work for different business units, and use different design notations. With UML and the Rational Unified Process (RUP), however, they can unify their efforts -- eliminating time-consuming, error-prone translations, and accelerating software to market. In this book, two data modeling specialists from Rational Software Corporation show exactly how to model data with UML and RUP, presenting proven processes and start-to-finish case studies. The book utilizes a running case study to bring together the entire process of data modeling with UML. Each chapter dissects a different stage of the data modeling process, from requirements through implementation. For each stage, the authors cover workflow and participants' roles, key concepts, proven approach, practical design techniques, and more. Along the way, the authors demonstrate how integrating data modeling into a unified software design process not only saves time and money, but gives all team members a far clearer understanding of the impact of potential changes. The book includes a detailed glossary, as well as appendices that present essential Use Case Models and descriptions. For all software team members: managers, team leaders, systems and data analysts, architects, developers, database designers, and others involved in building database applications for the enterprise.

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