

Codeigniter 172 User Guide

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Finding Source Code on the Web for Remix and Reuse

Susan Elliott Sim 2013-06-04 In

recent years, searching for source code on the web has become increasingly common among professional software developers and is emerging as an area of academic research. This volume surveys past research and presents the state of the art in the area of "code retrieval on the web." This work is concerned with the algorithms, systems, and tools to allow programmers to search

for source code on the web and the empirical studies of these inventions and practices. It is a label that we apply to a set of related research from software engineering, information retrieval, human-computer interaction, management, as well as commercial products. The division of code retrieval on the web into snippet remixing and component reuse is driven both by empirical data, and analysis of existing search engines and tools. Contributors include leading researchers from human-computer

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interaction, software engineering, programming languages, and management. "Finding Source Code on the Web for Remix and Reuse" consists of five parts. Part I is titled "Programmers and Practices," and consists of a retrospective chapter and two empirical studies on how programmers search the web for source code. Part II is titled "From Data Structures to Infrastructures," and covers the creation of ground-breaking search engines for code retrieval required ingenuity in the adaptation of existing technology and in the creation of new algorithms and data structures. Part III focuses on "Reuse: Components and Projects," which are reused with minimal modification. Part IV is on "Remix: Snippets and Answers," which examines how source code from the web can also be used as solutions to problems and answers to questions. The book concludes with Part V, "Looking Ahead," that looks at future programming and the legalities of software reuse and remix

and the implications of current intellectual property law on the future of software development. The story, "Richie Boss: Private Investigator Manager," was selected as the winner of a crowdfunded short story contest."

Stem Cells & Regenerative Medicine Krishnarao Appasani 2010-11-01 Defined as, "The science about the development of an embryo from the fertilization of the ovum to the fetus stage," embryology has been a mainstay at universities throughout the world for many years. Throughout the last century, embryology became overshadowed by experimental-based genetics and cell biology, transforming the field into developmental biology, which replaced embryology in Biology departments in many universities. Major contributions in this young century in the fields of molecular biology, biochemistry and genomics were integrated with both embryology and developmental biology to provide an understanding of the molecular

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portrait of a “development cell.” That new integrated approach is known as stem-cell biology; it is an understanding of the embryology and development together at the molecular level using engineering, imaging and cell culture principles, and it is at the heart of this seminal book. *Stem Cells and Regenerative Medicine: From Molecular Embryology to Tissue Engineering* is completely devoted to the basic developmental, cellular and molecular biological aspects of stem cells as well as their clinical applications in tissue engineering and regenerative medicine. It focuses on the basic biology of embryonic and cancer cells plus their key involvement in self-renewal, muscle repair, epigenetic processes, and therapeutic applications. In addition, it covers other key relevant topics such as nuclear reprogramming induced pluripotency and stem cell culture techniques using novel biomaterials. A thorough introduction to stem-cell biology, this reference is aimed

at graduate students, post-docs, and professors as well as executives and scientists in biotech and pharmaceutical companies.

User-centric Privacy Jan Paul Kolter 2010

Proceeding of International Conference on

Computational Science and Applications

Subhash Bhalla 2020-01-04

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.

PHP 7 Programming

Cookbook Doug Bierer

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2016-08-30 Over 80 recipes that will take your PHP 7 web development skills to the next level! About This Book This is the most up-to-date book in the market on PHP It covers the new features of version 7.x, best practices for server-side programming, and MVC frameworks The recipe-based approach will allow you to explore the unique capabilities that PHP offers to web programmers Who This Book Is For If you are an aspiring web developer, mobile developer, or backend programmer, then this book is for you as it will take your PHP programming skills to next level. Basic knowledge of PHP programming is assumed. What You Will Learn 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 Discover where and when PHP 5 code needs to be re-written to avoid backwards-compatibility breaks Improve the overall application security and error handling by

taking advantage of classes that implement the new throwable interface Solve practical real-world programming problems using PHP 7 Develop middle-wareclasses that allow PHP developers to glue different open source libraries together seamlessly Define and Implement PSR-7 classes Create custom middleware using PSR-7 compliant classes Test and debug your code, and get to know the best practices In Detail PHP 7 comes with a myriad of new features and great tools to optimize your code and make your code perform faster than in previous versions. Most importantly, it allows you to maintain high traffic on your websites with low-cost hardware and servers through a multithreading web server. This book demonstrates intermediate to advanced PHP techniques with a focus on PHP 7. Each recipe is designed to solve practical, real-world problems faced by PHP developers like yourself every day. We also cover new ways of writing PHP code made possible

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only in version 7. In addition, we discuss backward-compatibility breaks and give you plenty of guidance on when and where PHP 5 code needs to be changed to produce the correct results when running under PHP 7. This book also incorporates the latest PHP 7.x features. By the end of the book, you will be equipped with the tools and skills required to deliver efficient applications for your websites and enterprises. Style and approach This book takes a recipe-based approach, with real-world examples that can serve as building blocks for a larger application. Each recipe is self-contained with no external dependencies. This book follows a problem-solution strategy so you understand how to deal with various scenarios you may encounter while using PHP 7 in your daily activities.

Developer's Guide to Social Programming Mark D. Hawker
2010-08-09 In *The Developer's Guide to Social Programming*, Mark Hawker shows developers how to build applications that integrate with the major social

networking sites. Unlike competitive books that focus on a single social media platform, this book covers all three leading platforms: Facebook, OpenSocial, and Twitter. Hawker identifies the characteristics of superior, highly engaging social media applications, and shows how to use the Facebook platform, Google Friend Connect, and the Twitter API to create them. You'll find practical solutions and code for addressing many common social programming challenges, from site registration to search, blog commenting to creating location-based applications. Hawker concludes by walking you through building a complete, integrated social application: one that works seamlessly across all leading platforms, and draws on powerful features from each. Coverage includes Working with the Twitter API, including the Search API, Lists API, and Retweets API Authenticating users with Twitter OAuth Mastering the Facebook API, FQL, and XFBML Utilizing the

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Facebook JavaScript Library for creating dynamic content, and animation Exploring the Google Friend Connect JavaScript API, and integrating with the OpenSocial API Using Facebook's tools for sharing, social commenting, stream publishing, and live conversation Using the PHP OpenSocial Client Library with Google Friend Connect Creating, testing, and submitting Google Friend Connect gadgets

Pro PHP MVC Chris Pitt
2012-12-09 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 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.

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Learning Processing Daniel Shiffman 2015-09-09 *Learning Processing, Second Edition*, is a friendly start-up guide to Processing, a free, open-source alternative to expensive software and daunting programming languages. Requiring no previous experience, this book is for the true programming beginner. It teaches the basic building blocks of programming needed to create cutting-edge graphics applications including interactive art, live video processing, and data visualization. Step-by-step examples, thorough explanations, hands-on exercises, and sample code, supports your learning curve. A unique lab-style manual, the book gives graphic and web designers, artists, and illustrators of all stripes a jumpstart on working with the Processing programming environment by providing instruction on the basic principles of the language, followed by careful explanations of select advanced techniques. The book

has been developed with a supportive learning experience at its core. From algorithms and data mining to rendering and debugging, it teaches object-oriented programming from the ground up within the fascinating context of interactive visual media. This book is ideal for graphic designers and visual artists without programming background who want to learn programming. It will also appeal to students taking college and graduate courses in interactive media or visual computing, and for self-study. A friendly start-up guide to Processing, a free, open-source alternative to expensive software and daunting programming languages No previous experience required—this book is for the true programming beginner! Step-by-step examples, thorough explanations, hands-on exercises, and sample code supports your learning curve

Mastering Laravel

Christopher John Pecoraro

2015-07-30 If you are an

experienced or a capable PHP

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programmer who has a basic understanding of the concepts of modern PHP (at least version 5.4), this book is ideal for you. Basic object-oriented programming and database knowledge is expected. You should already know your way around Laravel, or have at least experimented with the framework.

Learning PHP 7 Antonio Lopez
2016-03-29 Learn the art of PHP programming through this example-rich book filled to the brim with tutorials every PHP developer needs to know About This Book Set up the PHP environment and get started with web programming Leverage the potential of PHP for server-side programming, memory management, and object-oriented programming (OOP) This book is packed with real-life examples to help you implement the concepts as you learn Who This Book Is For If you are a web developer or programmer who wants to create real-life web applications using PHP 7, or a beginner who wants to get started with PHP 7 programming, this book is for

you. Prior knowledge of PHP, PHP 7, or programming is not mandatory. What You Will Learn Set up a server on your machine with PHP Use PHP syntax with the built-in server to create apps Apply the OOP paradigm to PHP to write richer code Use MySQL to manage data in your web applications Create a web application from scratch using MVC Add tests to your web application and write testable code Use an existing PHP framework to build and manage your applications Build REST APIs for your PHP applications Test the behavior of web applications with Behat In Detail PHP is a great language for building web applications. It is essentially a server-side scripting language that is also used for general purpose programming. PHP 7 is the latest version with a host of new features, and it provides major backwards-compatibility breaks. This book begins with the fundamentals of PHP programming by covering the basic concepts such as variables, functions, class, and objects. You will set up PHP

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server on your machine and learn to read and write procedural PHP code. After getting an understanding of OOP as a paradigm, you will execute MySQL queries on your database. Moving on, you will find out how to use MVC to create applications from scratch and add tests. Then, you will build REST APIs and perform behavioral tests on your applications. By the end of the book, you will have the skills required to read and write files, debug, test, and work with MySQL. Style and approach This book begins with the basics that all PHP developers use every day and then dives deep into detailed concepts and tricks to help you speed through development. You will be able to learn the concepts by performing practical tasks and implementing them in your daily activities, all at your own pace.

Advanced Computer and Communication Engineering Technology Hamzah Asyrani Sulaiman 2015-12-28 This book covers diverse aspects of advanced computer and

communication engineering, focusing specifically on industrial and manufacturing theory and applications of electronics, communications, computing and information technology. Experts in research, industry, and academia present the latest developments in technology, describe applications involving cutting-edge communication and computer systems, and explore likely future trends. In addition, a wealth of new algorithms that assist in solving computer and communication engineering problems are presented. The book is based on presentations given at ICOCOE 2015, the 2nd International Conference on Communication and Computer Engineering. It will appeal to a wide range of professionals in the field, including telecommunication engineers, computer engineers and scientists, researchers, academics and students. *Getting MEAN with Mongo, Express, Angular, and Node* Simon Holmes 2019-04-22 Summary Getting MEAN,

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Second Edition teaches you how to develop full-stack web applications using the MEAN stack. This edition was completely revised and updated to cover MongoDB 4, Express 4, Angular 7, Node 11, and the latest mainstream release of JavaScript ES2015. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Juggling languages mid-application can radically slow down a full-stack web project. The MEAN stack—MongoDB, Express, Angular, and Node—uses JavaScript end to end, maximizing developer productivity and minimizing context switching. And you'll love the results! MEAN apps are fast, powerful, and beautiful. About the Book Getting MEAN, Second Edition teaches you how to develop full-stack web applications using the MEAN stack. Practical from the very beginning, the book helps you create a static site in Express and Node. Expanding on that solid foundation, you'll

integrate a MongoDB database, build an API, and add an authentication system. Along the way, you'll get countless pro tips for building dynamic and responsive data-driven web applications! What's inside MongoDB 4, Express 4, Angular 7, and Node.js 11 MEAN stack architecture Mobile-ready web apps Best practices for efficiency and reusability About the Reader Readers should be comfortable with standard web application designs and ES2015-style JavaScript. About the Author Simon Holmes and Clive Harber are full-stack developers with decades of experience in JavaScript and other leading-edge web technologies. Table of Contents PART 1 - SETTING THE BASELINE Introducing full-stack development Designing a MEAN stack architecture PART 2 - BUILDING A NODE WEB APPLICATION Creating and setting up a MEAN project Building a static site with Node and Express Building a data model with MongoDB and Mongoose Writing a REST API: Exposing the MongoDB

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database to the application
Consuming a REST API: Using
an API from inside Express
PART 3 - ADDING A DYNAMIC
FRONT END WITH ANGULAR
Creating an Angular application
with TypeScript Building a
single-page application with
Angular: Foundations Building a
single-page application with
Angular: The next level PART 4
- MANAGING AUTHENTICATION
AND USER SESSIONS
Authenticating users, managing
sessions, and securing APIs
Using an authentication API in
Angular applications
Pro MERN Stack Vasani
Subramanian 2019-05-11
Assemble the complete stack
required to build a modern web
app using MongoDB, Express,
React, and Node. This book also
covers many other
complementary tools: React
Router, GraphQL, React-
Bootstrap, Babel, and Webpack.
This new edition will use the
latest version of React (React
16) and the latest React Router
(React Router 4), which has a
significantly different approach
to routing compared to React
Router 2 which was used in the

first edition of the book. Though
the primary focus of Pro MERN
Stack is to equip you with all
that is required to build a full-
fledged web application, a large
portion of the book will be
devoted to React 16. The
popular MEAN (MongoDB,
Express, AngularJS, Node) stack
introduced Single Page Apps
(SPAs) and front-end Model-
View-Controller (MVC) as new
and efficient paradigms.
Facebook's React is a
technology that competes
indirectly with AngularJS. It is
not a full-fledged MVC
framework. It is a JavaScript
library for building user
interfaces (in some sense the
View part). Yet, it is possible to
build a web app by replacing
AngularJS with React - hence
the term MERN stack What You
Will Learn Discover the features
of React 16 to get the
maximum out of this library
Gain the basics of MongoDB,
Express, and Node to build a
web app Work with other
libraries complementary to
React, including React-
Bootstrap, React Router, and
GraphQL Use tools such as

Babel and Webpack required to build JavaScript-based SPAs Tie all the components together to build a complete web app. Who This Book Is For Developers and architects who have prior experience in any web app stack other than the MERN stack will find the book useful to learn about this modern stack. Prior knowledge of JavaScript, HTML, and CSS is required.

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

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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, MySQL, & JavaScript All-in-One For Dummies](#) Richard Blum 2018-03-20 Explore the engine that drives the internet It takes a powerful suite of technologies to drive the most-visited websites in the world. PHP, mySQL, JavaScript, and other web-building languages serve as the foundation for application development and programming projects at all levels of the web. Dig into this all-in-one book to get a grasp on these in-demand skills, and figure out how to apply them to become a professional web builder. You'll get valuable information from seven handy books covering the pieces of web programming, HTML5 & CSS3, JavaScript, PHP, MySQL, creating object-oriented programs, and using PHP frameworks. Helps you grasp the technologies that power web applications Covers PHP version 7.2 Includes coverage of the latest updates in web development Perfect for

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developers to use to solve problems This book is ideal for the inexperienced programmer interested in adding these skills to their toolbox. New coders who've made it through an online course or boot camp will also find great value in how this book builds on what you already know.

Project Builder in SAP

Project System Kieron N. Dowling 2015

Inside the Dark Web Erdal Ozkaya 2019-06-19 Inside the Dark Web provides a broad overview of emerging digital threats and computer crimes, with an emphasis on cyberstalking, hacktivism, fraud and identity theft, and attacks on critical infrastructure. The book also analyzes the online underground economy and digital currencies and cybercrime on the dark web. The book further explores how dark web crimes are conducted on the surface web in new mediums, such as the Internet of Things (IoT) and peer-to-peer file sharing systems as well as dark web forensics and mitigating techniques. This

book starts with the fundamentals of the dark web along with explaining its threat landscape. The book then introduces the Tor browser, which is used to access the dark web ecosystem. The book continues to take a deep dive into cybersecurity criminal activities in the dark net and analyzes the malpractices used to secure your system.

Furthermore, the book digs deeper into the forensics of dark web, web content analysis, threat intelligence, IoT, crypto market, and cryptocurrencies. This book is a comprehensive guide for those who want to understand the dark web quickly. After reading Inside the Dark Web, you'll understand The core concepts of the dark web. The different theoretical and cross-disciplinary approaches of the dark web and its evolution in the context of emerging crime threats. The forms of cybercriminal activity through the dark web and the technological and "social engineering" methods used to undertake such crimes. The behavior and role of offenders

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and victims in the dark web and analyze and assess the impact of cybercrime and the effectiveness of their mitigating techniques on the various domains. How to mitigate cyberattacks happening through the dark web. The dark web ecosystem with cutting edge areas like IoT, forensics, and threat intelligence and so on. The dark web-related research and applications and up-to-date on the latest technologies and research findings in this area. For all present and aspiring cybersecurity professionals who want to upgrade their skills by understanding the concepts of the dark web, Inside the Dark Web is their one-stop guide to understanding the dark web and building a cybersecurity plan.

Management Information Systems Kenneth C. Laudon 2004 Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and

managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Twitter API: Up and Running Kevin Makice 2009-03-17 This groundbreaking book provides you with the skills and resources necessary to build web applications for Twitter. Perfect for new and casual programmers intrigued by the world of microblogging, *Twitter API: Up and Running* carefully explains how each part of Twitter's API works, with detailed examples that show you how to assemble those building blocks into practical and fun web applications. You'll also get a complete look at Twitter culture and learn how it has inspired programmers to build hundreds of tools and applications. With this book, you will: Explore every component of a Twitter application and learn how the API responds Get the PHP and

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MySQL code necessary to build your own applications, with explanations of how these ingredients work Learn from real-world Twitter applications created just for this book Discover the most interesting and useful Twitter programs-- and get ideas for creating your own--with the book's Twitter application directory Twitter offers a new way to connect with people on the Internet, and Twitter API: Up and Running takes you right to the heart of this technology. "Twitter API: Up and Running is a friendly, accessible introduction to the Twitter API. Even beginning web developers can have a working Twitter project before they know it. Sit down with this for a weekend and you're on your way to Twitter API mastery."--Alex Payne, Twitter API Lead "Twitter API: Up and Running is a very comprehensive and useful resource--any developer will feel the urge to code a Twitter-related application right after finishing the book!"--The Lollicode team, creators of Twitscoop

The Clean Coder Robert C. Martin 2011 Presents practical advice on the disciplines, techniques, tools, and practices of computer programming and how to approach software development with a sense of pride, honor, and self-respect. *Laravel: Up & Running* Matt Stauffer 2019-04-01 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 mostpopular 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

Expert Python Programming

Michal Jaworski 2016-05-20 Become an ace Python programmer by learning best coding practices and advanced-level concepts with Python 3.5 About This Book Based on the latest stable version of Python (version 3.5) Creating well manageable code that will run in various environments with different sets of dependencies Packed with advanced concepts and best practices to write

efficient Python code Who This Book Is For The book would appeal to web developers and Python programmers who want to start using version 3.5 and write code efficiently. Basic knowledge of Python programming is expected. What You Will Learn Conventions and best practices that are widely adopted in the python community Package python code effectively for community and production use Easy and lightweight ways to automate code deployment on remote systems Improve your code's quality, reliability, and performance Write concurrent code in python Extend python with code written in different languages In Detail Python is a dynamic programming language, used in a wide range of domains by programmers who find it simple, yet powerful. Even if you find writing Python code easy, writing code that is efficient and easy to maintain and reuse is a challenge. The focus of the book is to familiarize you with common conventions, best practices, useful tools and standards used

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by python professionals on a daily basis when working with code. You will begin with knowing new features in Python 3.5 and quick tricks for improving productivity. Next, you will learn advanced and useful python syntax elements brought to this new version. Using advanced object-oriented concepts and mechanisms available in python, you will learn different approaches to implement metaprogramming. You will learn to choose good names, write packages, and create standalone executables easily. You will also be using some powerful tools such as buildout and virtualenv to release and deploy the code on remote servers for production use. Moving on, you will learn to effectively create Python extensions with C, C++, cython, and pyrex. The important factors while writing code such as code management tools, writing clear documentation, and test-driven development are also covered. You will now dive deeper to make your code efficient with general rules of

optimization, strategies for finding bottlenecks, and selected tools for application optimization. By the end of the book, you will be an expert in writing efficient and maintainable code. Style and approach An easy-to-follow guide that covers industry followed best practices in Python programming
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

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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

E-commerce Kenneth C.

Laudon 2016 For undergraduate and graduate courses in business.

Understanding The Vast And Expanding Field of E-Commerce Laudon's E-Commerce 2016: Business, Technology, Society emphasizes three driving forces behind the expanding field of e-commerce: technology change, business development, and social issues. A conceptual framework uses the templates

of many modern-day companies to further demonstrate the differences and complexities in e-commerce today. An in-depth investigation of companies such as Uber, Pinterest, and Apple kick-off the course while preparing students for real-life scenarios. In the Twelfth Edition, Laudon and Traver add new or update existing case studies to match developments in the e-commerce field as they exist in today's tech world. They built in additional video cases for each chapter, making the material even more accessible to students as they prepare for their future roles in business.

CakePHP 1.3 Application Development Cookbook

Mariano Iglesias 2011-03-08

"The recipes in this book give you instant results and will help you develop web applications, leveraging the CakePHP features that allow you to build robust and complex applications"--p. [1].

Beginning Laravel Sanjib Sinha 2016-12-20 Learn about dependency injection,

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interfaces, service providers, SOLID design, and more with practical and real-world code examples. This book covers everything you need to get started in application development with Laravel 5.3. Beginning Laravel covers features such as method injection, contracts, and authentication. After reading this book, you can develop any application using Laravel 5. It details all you need to know, including the model-view-controller pattern, SQLite databases, routing, authorization, and building CRUD applications. What You Will Learn Work with the new Laravel framework and its new features Develop web applications with Laravel Absorb the concepts of authentication and database migration Manage databases with Eloquent ORM Use middleware, contracts, and facades Who This Book Is For readers who are new to Laravel development.

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Pro PHP Security Chris Snyder 2011-07-29 PHP security, just like PHP itself, has advanced. Updated for PHP 5.3, the second edition of this authoritative PHP security book covers foundational PHP security topics like SQL injection, XSS, user authentication, and secure PHP development. Chris Snyder and Tom Myer also delve into recent developments like mobile security, the impact of JavaScript, and the advantages of recent PHP hardening efforts. Pro PHP Security, Second Edition will serve as your complete guide for taking defensive and proactive security measures within your PHP applications. Beginners in secure programming will find a lot of material on secure PHP development, the basics of encryption, secure protocols, as well as how to reconcile the demands of server-side and web application security. Professional CodeIgniter

Thomas Myer 2008-07-10 If you're a PHP developer, you can build Rails-like applications

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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.

Parentology Dalton Conley
2014-03-18 An award-winning scientist offers his unorthodox approach to childrearing: "Parentology is brilliant, jaw-droppingly funny, and full of wisdom...bound to change your thinking about parenting and its conventions" (Amy Chua, author of *Battle Hymn of the Tiger Mother*). If you're like many parents, you might ask family and friends for advice when faced with important choices about how to raise your

kids. You might turn to parenting books or simply rely on timeworn religious or cultural traditions. But when Dalton Conley, a dual-doctorate scientist and full-blown nerd, needed childrearing advice, he turned to scientific research to make the big decisions. In *Parentology*, Conley hilariously reports the results of those experiments, from bribing his kids to do math (since studies show conditional cash transfers improved educational and health outcomes for kids) to teaching them impulse control by giving them weird names (because evidence shows kids with unique names learn not to react when their peers tease them) to getting a vasectomy (because fewer kids in a family mean smarter kids). Conley encourages parents to draw on the latest data to rear children, if only because that level of engagement with kids will produce solid and happy ones. Ultimately these experiments are very loving, and the outcomes are redemptive—even when Conley's sassy kids show him

the limits of his profession. Parentology teaches you everything you need to know about the latest literature on parenting—with lessons that go down easy. You'll be laughing and learning at the same time.

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

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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.

PHP 7: Real World Application

Development Doug Bierer
2016-09-30 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.

[Building PHP Applications with Symfony, CakePHP, and Zend Framework](#) Bartosz Porebski

2011-02-17 The first detailed, unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs. This guide uses Symfony, CakePHP, and Zend Framework to solve key problems, providing source code examples and comparisons for each. It explains the approach and reviews the similarities and differences in the three frameworks, providing reliable information on which to base your decisions. Symfony, CakePHP, and Zend Framework are considered the leading PHP frameworks; developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems, illustrating the solutions with source code examples and working applications Covers wide range of topics, from installation and

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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.

ASP.NET MVC Framework

Unleashed Stephen Walther

2009-07-14 In this book, world-renowned ASP.NET expert and member of the Microsoft

ASP.NET team Stephen Walther shows experienced developers

how to use Microsoft's new ASP.NET MVC Framework to build web applications that are more powerful, flexible,

testable, manageable, scalable, and extensible. Writing for

professional programmers, Walther explains the crucial concepts that make the Model-View-Controller (MVC)

development paradigm work so well and shows exactly how to apply them with the ASP.NET MVC Framework. From

controllers and actions to views and models, Walther

demonstrates how to apply each ASP.NET MVC Framework feature in real-world projects. In

Part II, you'll walk step-by-step through building a full-fledged

ASP.NET MVC blog application that implements capabilities

ranging from data access to validation. Through this case

study, you'll learn how to build ASP.NET MVC applications using

test-driven development

processes that enable rapid

feedback, greater productivity, and better quality. Throughout,

Walther presents extensive

code examples, reflecting his unsurpassed experience as an

ASP.NET instructor, a leading commercial developer, and now

as a member of Microsoft's ASP.NET development team.

Understand how to: Build enterprise-scale web

applications far more rapidly and effectively Develop web

applications that are easier to maintain and extend over time

Gain unprecedented control over the appearance of your

website or application Expose intuitive URLs that are friendlier

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to search engines and users alike Create ASP.NET MVC models that contain all your application's business, validation, and data access logic Make the most of HTML helpers, model binders, action filters, routing, and authentication Efficiently deploy your ASP.NET MVC applications Use the lightweight JQuery JavaScript library to easily find and manipulate HTML elements Create ASP.NET MVC applications using unit test and mock object framework

Pro PHP 8 MVC Christopher Pitt 2021-08-14 Examine the building blocks that make any good MVC framework using PHP 8. This book exposes all the considerations that many developers take for granted when using a popular framework, and teaches you how to make this MVC framework your own. You'll quickly get started writing your first bit of framework code, then, you build a variety of examples using aspects of an MVC framework, including a router, a template engine, a database library, a persistence

engine (ORM), and a testing framework. In the next section, you'll implement sessions, caches, file systems, queues, logging, and mail. You'll wrap up by building a larger scale sample web application: a sales website for a company that sells rockets. Along the way, this book lays bare all the secret parts of MVC to take with you to apply to your own PHP-based MVC projects. What You Will Learn Build PHP-based web applications using the model view controller (MVC) architecture Write your first bit of framework code Create various aspects of applications, engines, and other frameworks Wrap up with a sample case study application Who This Book Is For Experienced PHP and web developers. Some prior experience with PHP and web development at least recommended.

Cassandra: The Definitive Guide Jeff Carpenter 2016-06-29 Imagine what you could do if scalability wasn't a problem. With this hands-on guide, you'll learn how the Cassandra database management system

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handles hundreds of terabytes of data while remaining highly available across multiple data centers. This expanded second edition—updated for Cassandra 3.0—provides the technical details and practical examples you need to put this database to work in a production environment. Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandra’s non-relational design, with special attention to data modeling. If you’re a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandra’s speed and flexibility. Understand Cassandra’s distributed and decentralized structure Use the Cassandra Query Language (CQL) and cqlsh—the CQL shell Create a working data model and compare it with an equivalent relational model Develop sample applications using client drivers for languages including Java, Python, and Node.js Explore cluster topology and learn how

nodes exchange data Maintain a high level of performance in your cluster Deploy Cassandra on site, in the Cloud, or with Docker Integrate Cassandra with Spark, Hadoop, Elasticsearch, Solr, and Lucene

Mastering Joomla! 1.5 Extension and Framework Development Chuck Lanham
2010-06-01 Extend the power of Joomla! by adding components, modules, plugins, and other extensions.

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.

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

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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 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.

Europe and MENA Cooperation Advances in Information and Communication Technologies

Álvaro Rocha 2016-09-25 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) 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.

Soft Skills John Sonmez 2020-11 For most software developers, coding is the fun part. The hard bits are dealing with clients, peers, and managers and staying productive, achieving financial

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security, keeping yourself in shape, and finding true love. This book is here to help. *Soft Skills: The Software Developer's Life Manual* is a guide to a well-rounded, satisfying life as a technology professional. In it, developer and life coach John Sonmez offers advice to developers on important subjects like career and productivity, personal finance

and investing, and even fitness and relationships. Arranged as a collection of 71 short chapters, this fun listen invites you to dip in wherever you like. A "Taking Action" section at the end of each chapter tells you how to get quick results. *Soft Skills* will help make you a better programmer, a more valuable employee, and a happier, healthier person.