Cassandra: The Definitive Guide

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 csq1—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.

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.

Inside the Dark Web

Erdal Ozkaya 2019-07-05 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 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.

Pro PHP Security

Chris Snyder, Tom Myer 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.

PHP 5 E-commerce Development

Michael Peacock 2010 This is a fast-paced tutorial focusing on creating a framework and using it to build an online store through an ongoing case study. Later chapters include examples to illustrate how easily the framework can be adapted for different situations. The framework and code are enhanced and built upon with each chapter, adding more and more functionality. If you are a web developer, or anyone looking to increase your understanding of e-commerce site development, this book is for you. Primarily aimed at PHP developers, it is suitable for any web developer interested in enhancing their e-commerce knowledge, or developers looking to move towards PHP. Intermediate knowledge of PHP development and object-oriented programming is assumed, and basic knowledge of e-commerce principles will be of benefit too.
Expert Python Programming
Michal Jaworski 2016-05-20 Become an ace Python programmer by learning best coding practices and advance-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 that is just necessary and simple to learn and 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 redeveloping 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-service stack (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, or applications with the latest developments. Coming up in this book: 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. Getting MEAN with Mongo, Express, Angular, and Node Simon Holmes 2019-04-22 Summary Getting MEAN, 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.js 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 Introduction Designing full-stack systems 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 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 TypeScriptBuilding 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 Angular 2 Design Patterns and Best Practices Mathieu Narylores 2018-07-30 Make the most of Angular by leveraging design patterns and best practices to build stable and high performing apps Key Features Get to grips with the benefits and applicability of using different design patterns in Angular with the help of real-world examples Identify and
Modernizing Legacy Applications in PHP

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 application.

This Book Is For PHP developers from all skill levels who will be able to get value from this book and will be able to transform their spaghetti code applications into 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 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 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 breathe through your code like the wind. Your code will be autoloaded, dependency-injected, unit-tested, layer-separated, and front-controlled. Most of the very limited code we will add to your application is specific to this book. We will be improving ourselves as programmers, as well as improving the quality of our legacy application. Style and approach This book takes a practical, step-by-step approach to real-world problems using PHP 7. Discover where and why PHP code needs to be rewritten 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 compiles into a single webshop application with 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 on 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, you get 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 of 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, Alfat Hussain Modular Programming with PHP 7, Branko Ajzele Style and approach This book takes a practical, step-by-step approach to real-world problems that serve as building blocks for your application development and guide you through improving the quality of your code.

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 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.

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
into microservices. You will also be taken through the best practices and application design patterns of microservices. The book will look at 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 microservices 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 (or will be the subject of an upcoming event, 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. CakePHP follows from its automated build system (Bakery) and highly intuitive approach to rapid development.

The book gives graphic and web designers, artists, and illustrators of all stripes ajumpstart 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. A unique lab-style manual, the book gives graphic and web designers, artists, and illustrators of all stripes ajumpstart 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.

Microservices Patterns and Best Practices
Vinicius Feitosa Pacheco
2018-01-31
Explore the concepts and tools you need to discover the world of microservices with various design patterns. Key Features Get to grips with the microservice architecture and build enterprise-ready microservice applications Learn design patterns and the best practices with the latest frameworks in the microservices landscape, including APIs, techniques, and tools to create high-performing microservices resilient to possible fails Book Description Microservices are a hot trend in the development world right now. Many enterprises have adopted this approach to achieve agility and the continuous delivery of applications to gain a competitive advantage. This book will take you through different design patterns at different stages of the microservice application development along with their best practices. Microservice Patterns and Best Practices starts with the learning of microservices key concepts and showing how to make the right choices while designing microservices. You will then move onto internal microservices application patterns, such as caching strategy, authentication, CORS and event sourcing, circuit breaker, and backends. As you progress, you’ll learn the design patterns of microservices. The book will guide you on where to use the perfect design pattern at the application development stage and how to break monolithic application into microservices. You will also be taken through the best practices and patterns involved while testing, securing, and deploying your microservice application. At the end of the book, you will easily be able to create interoperable microservices, which are testable and prepared for optimum performance. What you will learn How to break monolithic application into microservices implement caching strategies, CORS and event sourcing, and circuit breaker patterns Incorporate different microservice design patterns, such as shared data, aggregator, proxy, and chained Utilize consolidate testing patterns such as integration, signature, and monkey tests Secure microservices with JWT, API gateway, and single sign on Deploy microservices with continuous integration or delivery, Blue-Green deployment Who this book is for This book is for architects and senior developers who would like implement microservice design patterns in their enterprise application development. The book assumes some prior programming knowledge.

Advanced Computer and Communication Engineering Technology
Hamzah Asyari Sulaiman
2014-11-01
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 directions. In addition, access is offered to numerous new algorithms that assist in solving computer and communication engineering problems. The book is based on presentations delivered at ICOCOE 2014, the 1st International Conference on Communication and Computer Engineering. It will appeal to a wide range of professionals in the field, including telecommunications engineers, computer engineers and scientists, researchers, academics and students.

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 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

Expert PHP 5 Tools
Dirk Merkel
2010-03-30
Annotation Even if you find writing PHP code easy, writing code that is efficient and easy to maintain and reuse is not so straightforward. Self-taught PHP developers and programmers transitioning from other languages often lack the knowledge to work with PHP on an enterprise level. They need to take their PHP development skills to that level by learning the skills and tools necessary to write maintainable and efficient code. This book will enable you to take your PHP development skills to an enterprise level by teaching you the skills and tools necessary to write maintainable and efficient code. You will learn how to perform activities such as unit testing, enforcing coding standards, automating deployment, and interactive debugging using tools that are available with PHP development. These tools can be used as a starting point for producing quality code. Specifically, you will learn to design an application with UML, code it in Eclipse with PDT, document it with phpDocumentor, debug it interactively with Xdebug, test it by writing PHPUnit tests, manage source code with SVN, and speed up development with Phing. Using the Zend Framework, pull everything together using continuous integration, and deploy the application automatically with Phing _ all in one book. The author’s experience in PHP development enables him to share insights on using enterprise tools, in a clear and friendly way. An in-depth look at best-of-breed enterprise-level tools, methodologies, and tips for programming beginner! Step-by-step examples, thorough explanations, hands-on exercises, and sample code supports your learning curve.
professional PHP developers to write maintainable, efficient code. **Pro MERN Stack** Vasan 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 included 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 tool (adding utilizing React components). 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 gain most from the book. What you will learn about this modern stack. Prior knowledge of JavaScript, HTML, and CSS is required. **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 an testing framework. In the next section, you’ll implement sessions, cache, file systems, queues, logging, and mail. You’ll wrap up by building a larger 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. **Learning PHP 7** Chuck Prashar 2016-05-11 Assemble the practical guide to developing scalable applications using PHP 7.1 and the PHP standards Effectively implement logging and error handling during development Build services through SOAP and REST and Apache 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, cache, file systems, queues, logging, and mail. You’ll wrap up by building a larger 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. **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 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 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, cache, file systems, queues, logging, and mail. You’ll wrap up by building a larger 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. **Learning PHP 7** Antonio Lopez 2016-03-29 Learn the art of PHP programming through this example-rich book filled 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 databases Create a full 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, classes, objects, and object-oriented programming. You’ll learn how to work with the PHP server, read and write to 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 on your own pace. **Mastering PHP 7** Chuck Prashar 2016-05-11 Assemble the practical guide to developing scalable applications using PHP 7.1 and the PHP standards Effectively implement logging and error handling during development Build services through SOAP and REST and Apache 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, cache, file systems, queues, logging, and mail. You’ll wrap up by building a larger 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. **Learning PHP 7** Antonio Lopez 2016-03-29 Learn the art of PHP programming through this example-rich book filled 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 databases Create a full application from scratch using MVC Add tests to your web application and write testable code.
Yi 1.1 Application Development Cookbook Alexander Makarov 2011-08-25 Over 80 recipes to help you master using the Yi PHP framework.

PHP Advanced and Object-Oriented Programming Larry Ullman 2012-09-13 Readers can take their PHP skills to the next level with this fully revised and updated PHP Advanced: Visual QuickPro Guide, Third Edition! Filled with fourteen chapters of step-by-step content and written by bestselling author and PHP programmer Larry Ullman, this guide teaches specific topics in direct, focused segments, shows how PHP is used in real-world applications. The book teaches developing web applications using advanced PHP techniques and advanced database concepts, and this edition offers several chapters devoted to object-oriented programming and all-new chapters on debugging, testing, and performance and using the Zend framework. Author hosts a popular companion website at www.larryullman.com, where readers can freely download code used in the book, access a user forum and book updates, and get advice directly from the author.

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 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.

CodeIgniter 1.7 Professional Development Adam Griffiths 2010 This book is a practical guide that takes you through a number of techniques. Each chapter builds upon knowledge from the previous chapter. Step-by-step instructions with examples and illustrative screenshots ensure that you gain a firm grasp of the topic being explained. This book is written for advanced PHP developers with a good working knowledge of Object Oriented Programming techniques who are comfortable with developing applications and wish to use CodeIgniter to make their development easier, quicker, and more fun. Basic knowledge of CodeIgniter will be helpful. This book will suit developers who fall into three categories: Professional Developers – employees of a software house or organization with in-house software development, Freelance Developers – solo developers working in the industry on their own, Just-for-fun Developers – people working with PHP building web applications is their spare time for fun

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 Focused 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.

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 PHP 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 Define Modular design techniques help you build readable, manageable, reusable, and more efficient codes. PHP 7, which is a popular open source scripting language, is used to build modular functions for your software. With this book, you will gain a deep insight into the modular programming paradigm and how to achieve modularity in your PHP code. We start with a brief introduction to the new features of PHP 7, some of which open a door to new concepts used in modular development. With design patterns being at the heart of all modular PHP code, you will learn about the GoF design patterns and how to apply them. You will see how to write code that is easy to maintain and extend over time with the help of the SOLID design principles. Throughout the rest of the book, you will build different working modules of a modern web shop application using the Symfony framework, which will give you a deep understanding of modular application development using PHP 7. Style and approach This book is for intermediate-level PHP developers with little to no knowledge of modular programming who want to understand design patterns and principles in order to better utilize the existing frameworks for modular application development.

Php 7 Programming Cookbook 2016