

The Silex Book Symfony

Apply design principles to your classes, preparing them for reuse. You will use package design principles to create packages that are just right in terms of cohesion and coupling, and are user- and maintainer-friendly at the same time. The first part of this book walks you through the five SOLID principles that will help you improve the design of your classes. The second part introduces you to the best practices of package design, and covers both package cohesion principles and package coupling principles. Cohesion principles show you which classes should be put together in a package, when to split packages, and if a combination of classes may be considered a "package" in the first place. Package coupling principles help you choose the right dependencies and prevent wrong directions in the dependency graph of your packages. What You'll LearnApply the SOLID principles of class designDetermine if classes belong in the same packageKnow whether it is safe for packages to depend on each other Who This Book Is For Software developers with a broad range of experience in the field, who are looking for ways to reuse,share, and distribute their code Develop cutting-edge websites and applications using the new features of Laravel 5.8. This book starts with an introduction to Laravel and takes a glance at its newly introduced features. Moving on to setting up your development environment, you will learn how the composer works. In addition to this, you will be introduced to Valet, Homestead, Virtual Box, Vagrant, and Forge in Laravel. With this foundation, you will be ready to get started writing your first Laravel apps. To do so, you will learn to manage routes and controllers and how the Blade template works. Moving on to models, you will work with route model binding and get to know the relationship between models, databases, and Eloquent. Along the way you will define methods on your Eloquent model classes using different types of relationships. Shifting focus to handling user data, you will see how redirect methods work. You will also get to know the inner workings of requests and responses. Continuing the data theme, Beginning Laravel covers basic and grouped artisan commands and how to handle databases with Tinker. By being able to handle data effectively, your applications will come alive for your users, giving them the functionality they need. The last section of the book handles core concepts such as sending emails, alerting users via notifications, and implementing SOLID design principles. You will see how to decouple your application classes by using events and listeners. What You Will Learn Protect your app with authentication and authorization Build a complex relationship between entities using Eloquent models Take advantage of containers and facadesUse the mail template Create and configure events Work with Laravel PassportDeploy API authentication Discover new Laravel 5.8 features such as dump server and email verification Who This Book Is For Those new to Laravel and PHP web development or those who have some background in PHP/Laravel who are new to Laravel's newest release. This book, authored by project and documentation leads Fabien Potencier and François Zaninotto, serves as a complete guide to all aspects of Symfony. Readers are guided through fundamental concepts such as installation, configuration, and security, followed by thorough discussion of advanced concepts such as scaffolding, routing, caching, and internationalization. Bundled with numerous tools for helping document, debug, and test your applications, and developed in a manner encouraging agile development principles, Symfony is sparking the imagination of thousands of developers around the globe. 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 intended for PHP developers who wish to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book does'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.

Writing Healthy, Reusable Symfony2 Code
Domain-Driven Design in PHP
Understanding Computation
PHP Objects, Patterns and Practice
The Fast Track
Build APIs You Won't Hate

What sets JavaScript's power to build robust web-scale or enterprise applications that are easy to extend and maintain. By applying the design patterns outlined in this practical book, experienced JavaScript developers will learn how to write flexible and resilient code that's easier-yes, easier-to work with as your code base grows. JavaScript may be the most essential web programming language, but in the real world, JavaScript applications often break when you make changes. With this book, author Eric Elliott shows you how to add client- and server-side features to a large JavaScript application without negatively affecting the rest of your code. Examine the anatomy of a large-scale JavaScript application Build modern web apps with the capabilities of desktop applications Learn best practices for code organization, modularity, and reuse Separate your application into different layers of responsibility Build efficient, self-describing hypermedia APIs with Node.js Test, integrate, and deploy software updates in rapid cycles Control resource access with user authentication and authorization Expand your application's reach through internationalization

Explains how to use the open source scripting language to process and validate forms, track sessions, generate dynamic images, create PDF files, parse XML files, create secure scripts, and write C language extensions.

Beginning Neof4jPress

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 nonzero Laravel packages. Dive into features, including: Blade, Laravel's powerful custom templating tool Tools for gathering, validating, normalizing, and persisting data The Eloquent ORM for working with application databases The role of the Illuminate request object in the application lifecycle PHPOunit, Mockery, and Dusk for testing your PHP code Tools for writing JSON and RESTful APIs Interfaces for filesystem access, Sockets, IO Cookbook

The Hacker's Handbook
Vagrant Cookbook
Modular Programming with PHP 7
Smart and Gets Things Done
PHP Microservices

Transit from monolithic architectures to highly available, scalable, and fault-tolerant microservices About This Book Build your own applications based on event-driven microservices and set them up on a production server. Successfully transform any monolithic application into a microservice. Monitor the health of your application, prevent downtime This Book Is For PHP developers who want to build scalable, highly available, and secure applications will find this book useful. No knowledge of microservices is assumed. What You Will Learn Set up a development environment using the right strategies and tools. Learn about application design and structure to start implementing your monolithic application into microservices. Explore the best way to start implementing your application using testing. Understand how to monitor your microservices, handle errors, and debug the application. Deploy your finished application into a production environment and learn how to solve common problems. Know how to scale your applications. Know how to up-and-running. In Detail The world is moving away from bulky, unreliable, and high-maintenance PHP applications, to small, easy-to-maintain and highly available microservices and the pressing need is for PHP developers to understand the criticalities in building effective microservices that scale at large. This book will and one that will help you to develop your skills and teach you techniques for building reliable microservices in PHP. The book begins with an introduction to the world of microservices, and quickly shows you how to set up a development environment and build a basic platform using Docker and Vagrant. You will then get into the different ways to build microservices in your favorite framework and you will explore topics such as testing, securing, and deploying microservices. You will also understand how to migrate a monolithic application to the microservice architecture while keeping scalability and best practices in mind. Furthermore you will get into a few important development topics to more complex domains such as native cloud development, as well as some interesting design patterns. By the end of this book you will be able to develop applications based on microservices in an organized and efficient way. You will also gain the knowledge to transform any monolithic applications into microservices. Style and approach This book is intended for PHP developers who wish to apply a DDD mindset to their code. You should have a good understanding of PHP and some knowledge of DDD. This book does'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 Leverage the power of Reactive Programming in PHP About This Book Develop an interesting multiplayer browser game written in RxJS and re-implement it using RxPHP Enhance existing reactive applications by building a CLI tool combining Symfony Console Implemnet Gearman and Rabbit MQ for asynchronous communication Who This Book is For Aimed at people with a solid knowledge of PHP and programming languages in general. We also assume they have at least a little experience with other technologies such as JavaScript, Node.js, and others. What You Will Learn How to work with the RxPHP library and see what it offers via many examples Use the RxPHP library in combination with other technologies such as RxJS, RxJava, RxAndroid, RxSwift, RxKotlin, RxJava2, RxJS2, RxJS3, RxJS4, RxJS5, RxJS6, RxJS7, RxJS8, RxJS9, RxJS10, RxJS11, RxJS12, RxJS13, RxJS14, RxJS15, RxJS16, RxJS17, RxJS18, RxJS19, RxJS20, RxJS21, RxJS22, RxJS23, RxJS24, RxJS25, RxJS26, RxJS27, RxJS28, RxJS29, RxJS30, RxJS31, RxJS32, RxJS33, RxJS34, RxJS35, RxJS36, RxJS37, RxJS38, RxJS39, RxJS40, RxJS41, RxJS42, RxJS43, RxJS44, RxJS45, RxJS46, RxJS47, RxJS48, RxJS49, RxJS50, RxJS51, RxJS52, RxJS53, RxJS54, RxJS55, RxJS56, RxJS57, RxJS58, RxJS59, RxJS60, RxJS61, RxJS62, RxJS63, RxJS64, RxJS65, RxJS66, RxJS67, RxJS68, RxJS69, RxJS70, RxJS71, RxJS72, RxJS73, RxJS74, RxJS75, RxJS76, RxJS77, RxJS78, RxJS79, RxJS80, RxJS81, RxJS82, RxJS83, RxJS84, RxJS85, RxJS86, RxJS87, RxJS88, RxJS89, RxJS90, RxJS91, RxJS92, RxJS93, RxJS94, RxJS95, RxJS96, RxJS97, RxJS98, RxJS99, 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to make it reusable in a future project? Or even in the same project, but with a different view or in a console command? The quality of the internal API you have knowingly or unknowingly created - What can you do to ensure that your team members will understand your code, and will use it in the way it was meant to be used? How can you make your code flexible enough to be used in situations resembling the one you wrote it for? The level of security of your application - Symfony2 and Doctrine seem to automatically make you invulnerable for well-known attacks on your web application, like XSS, CSRF and SQL injection attacks. But can you completely rely on the framework? And what steps should you take to fix some of the remaining issues? The inner workings of Symfony2 - When you take one step further from creating just controllers and views, you will soon need to know more about the HttpKernel which is the heart of a Symfony2 application. How does it know what controller should be used, and which template? And how can you override any decision that's made while handling a request?

8th International Conference, BDTA 2017, Gwangju, South Korea, November 23-24, 2017, Proceedings

Symfony 5

Programming PHP

Everyone and Their Dog Wants an API, So You Should Probably Learn How to Build Them

Code Happy

Getting Your Brain in Gear

Many languages have embraced Functional Programming paradigms to augment the tools available for programmers to solve problems. It facilitates writing code that is easier to understand, easier to test, and able to take advantage of parallelization making it a good fit for building modern, scalable solutions. PHP introduced anonymous function and closures in 5.3, providing a more succinct way to tackle common problems. More recent releases have added generators and variadics which can help write more concise, functional code. However, making the mental leap from programming in the more common imperative style requires understanding how and when to best use lambdas, closures, recursion, and more. It also requires learning to think of data in terms of collections that can be mapped, reduced, flattened, and filtered. Functional Programming in PHP will show you how to leverage these new language features by understanding functional programming principles. With over twice as much content as its predecessor, this second edition expands upon its predecessor with updated code examples and coverage of advances in PHP 7 and Hack. Plenty of examples are provided in each chapter to illustrate each concept as it's introduced and to show how to implement it with PHP. You'll learn how to use map/reduce, currying, composition, and more. You'll see what external libraries are available and new language features are proposed to extend PHP's functional programming capabilities.

Offers instructions for creating programs to do tasks including fetching URLs and generating bar charts using the open source scripting language, covering topics such as data types, regular expressions, encryption, and PEAR.

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 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.

This handbook reveals those aspects of hacking least understood by network administrators. It analyzes subjects through a hacking/security dichotomy that details hacking maneuvers and defenses in the same context. Chapters are organized around specific components and tasks, providing theoretical background that prepares network defenders for the always-changing tools and techniques of intruders. Part I introduces programming, protocol, and attack concepts. Part II addresses subject areas (protocols, services, technologies, etc.) that may be vulnerable. Part III details consolidation activities that hackers may use following penetration.

The Strategy Behind Breaking into and Defending Networks

The Grumpy Programmer's Guide To Testing PHP Applications

Learning PHP 7

Programming JavaScript Applications

Beginning Neo4j

Orquestrando aplicações PHP com Symfony

This book constitutes the refereed post-conference proceedings of the 8th International Conference on Big Data Technologies and Applications, BDTA 2017, held in Gwangju, South Korea, in November 2017. The 15 revised full papers were carefully reviewed and selected from 25 submissions and handle theoretical foundations and practical applications which premise the new generation of data analytics and engineering. The contributions deal with following topics: privacy and security, image processing, context awareness, s/w engineering and e-commerce, social media and health care.

PHP Cookbook

The Definitive Guide to symfony

Object Design Style Guide