

## Getting Started With Laravel 4 Saunier Rapha Euml L

The Complete Manual Guide for DummiesLaravel 5.x CookbookDesign Patterns in PHP and LaravelThe Majesty of Vue.jsHigh Performance MySQLMastering LaravelProfessional AjaxSymfony 5Full-Stack Vue.js 2 and Laravel 5Beginning PHP and MySQL 5How NOT to Make a WebsiteLaravel Design Patterns and Best PracticesMySQL Reference ManualLaravel Application Development BlueprintsLaravel: Up and RunningLaravel Documentation 5.8 Part-1: Learn Laravel in simple and easy steps starting from basic to advanced conceptsClean CodeBeginning LaravelBuild APIs You Won't HateHands-On Full Stack Web Development with Angular 6 and Laravel 5Laravel StarterREST in PracticeGetting Started with Laravel 4Getting Started with p5.jsFowlerBeginning JavaScriptLaravel: Up & RunningLearning Laravel's EloquentDomain-driven DesignCode HappyModern PHPLaravel 5 EssentialsWorking Effectively with Legacy CodeLaravel Application Development CookbookLumen Programming GuidePractical FP in Scala (hard-Cover)Beginning LaravelLearning Laravel 4 Application DevelopmentCreating a Laravel 6 Mvc Application in Ten MinutesBeginning CakePHP

### The Complete Manual Guide for Dummies

Learn to build professional full-stack web apps with Vue.js and Laravel Key Features End-to-end guide on full-stack development with Vue.js 2 and Laravel 5 Developing modern user interfaces with a reusable component-based architecture Use Webpack to improve applications performance and development workflow Explore the features of Vuex to build applications that are powerful, consistent, and maintainable Book Description Vue is a JavaScript framework that can be used for anything from simple data display to sophisticated front-end applications and Laravel is a PHP framework used for developing fast and secure web-sites. This book gives you practical knowledge of building modern full-stack web apps from scratch using Vue with a Laravel back end. In this book, you will build a room-booking website named "Vuebnb". This project will show you the core features of Vue, Laravel and other state-of-the-art web development tools and techniques. The book begins with a thorough introduction to Vue.js and its core concepts like data binding, directives and computed properties, with each concept being explained first, then put into practice in the case-study project. You will then use Laravel to set up a web service and integrate the front end into a full-stack app. You will be shown a best-practice development workflow using tools like Webpack and Laravel Mix. With the basics covered, you will learn how sophisticated UI features can be added using ES+ syntax and a component-based architecture. You will use Vue Router to make the app multi-page and Vuex to manage application state. Finally, you will learn how to use Laravel Passport for authenticated AJAX requests between Vue and the API, completing the full-stack architecture. Vuebnb will then be prepared for production and deployed to a free Heroku cloud server. What you will learn Core features of Vue.js to create sophisticated user interfaces Build a secure backend API with Laravel Learn a state-of-the-art web development workflow with Webpack Full-stack app design principles and best practices Learn to deploy a full-stack app to a cloud server and CDN Managing complex application state with Vuex Securing a web service with Laravel Passport Who this book is for

This book targets developers who are new to Vue.js, Laravel, or both, and are seeking a practical, best-practice approach to development with these technologies. They must have some knowledge of HTML, CSS and Javascript.

### **Laravel 5.x Cookbook**

What is this book about? JavaScript is the language of the Web. Used for programming all major browsers, JavaScript gives you the ability to enhance your web site by creating interactive, dynamic, and personalized pages. Our focus in this book is on client-side scripting, but JavaScript is also hugely popular as a scripting language in server-side environments, a subject that we cover in later chapters. What does this book cover? Beginning JavaScript assumes no prior knowledge of programming languages, but will teach you all the fundamental concepts that you need as you progress. After covering the core JavaScript language, you'll move on to learn about more advanced techniques, including Dynamic HTML, using cookies, debugging techniques, and server-side scripting with ASP. By the end of this book, you will have mastered the art of using JavaScript to create dynamic and professional-looking web pages. Here are a few of the things you'll learn in this book: Fundamental programming concepts Comprehensive practical tutorial in JavaScript Cross-browser scripting, including Netscape 6 Cookie creation and use Plug-ins and ActiveX controls Dynamic HTML Scripting the W3C DOM Server-side JavaScript with ASP Who is this book for? This book is for anyone who wants to learn JavaScript. You will need a very basic knowledge of HTML, but no prior programming experience is necessary. Whether you want to pick up some programming skills, or want to find out how to transfer your existing programming knowledge to the Web, then this book is for you. All you need is a text editor (like Notepad) and a browser, and you're ready to go!

### **Design Patterns in PHP and Laravel**

PHP continues to revive and Laravel is at its forefront. Laravel follows modern PHP's object-oriented best practices and reduces time-to-market, enabling you to build robust web and API-driven mobile applications that can be automatically tested and deployed. With this book you will learn how to rapidly develop software applications using the Laravel 5 PHP framework. This book walks you through the creation of an application, starting with behavior-driven design of entities. You'll explore various aspects of modern software including the RESTful API, and will be introduced to command bus. Laravel's annotations package is also explained and demonstrated. Finally, the book closes with a demonstration of different ways to deploy and scale your applications.

### **The Majesty of Vue.js**

Laravel is a powerful MVC PHP framework, designed for developers who need a simple and elegant toolkit to create full-featured web applications. Laravel was created by Taylor Otwell. This is a best tutorial that explains the basics of Laravel framework. Build your Free Ecommerce website, Mobile app, Marketplaces, Dropship solutions or POS using Laravel Ecommerce platform Bagisto. Laravel is a fast-growing framework, and there are a large number of Laravel tutorials through

which users can quickly learn

## High Performance MySQL

With p5.js, you can think of your entire Web browser as your canvas for sketching with code! Learn programming the fun way--by sketching with interactive computer graphics! Getting Started with p5.js contains techniques that can be applied to creating games, animations, and interfaces. p5.js is a new interpretation of Processing written in JavaScript that makes it easy to interact with HTML5 objects, including text, input, video, webcam, and sound. Like its older sibling Processing, p5.js makes coding accessible for artists, designers, educators, and beginners. Written by the lead p5.js developer and the founders of Processing, this book provides an introduction to the creative possibilities of today's Web, using JavaScript and HTML. With Getting Started with p5.js, you'll: Quickly learn programming basics, from variables to objects Understand the fundamentals of computer graphics Create interactive graphics with easy-to-follow projects Learn to apply data visualization techniques Capture and manipulate webcam audio and video feeds in the browser

## Mastering Laravel

Learn about dependency injection, 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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## Professional Ajax

Get to grips with a new technology, understand what it is and what it can do for you, and then get to work with the most important features and tasks. A short and precise guide to get you started with EaselJS , helping you to create some cool applications and games. EaselJS greatly simplifies application development in HTML5 Canvas using a syntax and an architecture very similar to the ActionScript 3.0 language. As a result, Flash / Flex developers will immediately feel at home but it's very easy to learn even if you've never opened Flash in your life. The book targets Web designers, animators, Digital content producers, and Flash and Flex developers.

## Symfony 5

How can you bring out MySQL's full power? With High Performance MySQL, you'll learn advanced techniques for everything from designing schemas, indexes, and queries to tuning your MySQL server, operating system, and hardware to their fullest potential. This guide also teaches you safe and practical ways to scale applications through replication, load balancing, high availability, and failover. Updated to reflect recent advances in MySQL and InnoDB performance, features, and tools, this third edition not only offers specific examples of how MySQL works, it also teaches you why this system works as it does, with illustrative stories and case studies that demonstrate MySQL's principles in action. With this book, you'll learn how to think in MySQL. Learn the effects of new features in MySQL 5.5, including stored procedures, partitioned databases, triggers, and views Implement improvements in replication, high availability, and clustering Achieve high performance when running MySQL in the cloud Optimize advanced querying features, such as full-text searches Take advantage of modern multi-core CPUs and solid-state disks Explore backup and recovery strategies—including new tools for hot online backups

### **Full-Stack Vue.js 2 and Laravel 5**

### **Beginning PHP and MySQL 5**

A recipe-based book to help you efficiently create amazing PHP-based applications with Laravel 5.x About This Book Leverage the amazing new features of Laravel 5.x to create cutting-edge responsive PHP applications. Create apps with interoperability features and extend these features to your existing applications as well. Over 60 recipes that combine tried and tested Laravel tips for getting your app working. Who This Book Is For The ideal target audience for this book is PHP developers who have some basic PHP programming knowledge. No previous experience with Laravel is required for this book. What You Will Learn Optimize Your Gulp and Elixir Workflow Use Travis to run tests with every push Build and test your view-based route in PHPUnit Explore workflows for migrations and seeding Implement Angular in your Laravel applications Set up a user authentication system Integrate the new Billing library and Stripe in your Laravel application Use the Artisan command-line tool Test your App in Production with Behat In Detail Laravel is a prominent member of a new generation of web frameworks. It is one of the most popular PHP frameworks and is also free and an open source. Laravel 5 is a substantial upgrade with a lot of new toys, at the same time retaining the features that made Laravel wildly successful. It comes with plenty of architectural as well as design-based changes. The book is a blend of numerous recipes that will give you all the necessary tips you need to build an application. It starts with basic installation and configuration tasks and will get you up-and-running in no time. You will learn to create and customize your PHP app and tweak and re-design your existing apps for better performance. You will learn to implement practical recipes to utilize Laravel's modular structure, the latest method injection, route caching, and interfacing techniques to create responsive modern-day PHP apps that stand on their own against other apps. Efficient testing and deploying techniques will make you more confident with your Laravel skills as you move ahead with this book. Towards the end of the book, you will understand a number of add-ons and new features essential to finalize your application to

make it ready for subscriptions. You will be empowered to get your application out to the world. Style and approach This book will have a practical recipe-based approach with dedicated recipes on your daily Laravel tasks (as well as on more advanced issues) that will help you become a pro with Laravel 5.x

### **How NOT to Make a Website**

CakePHP is a leading PHP-based web app development framework. When asking a question on forums or chat rooms, many CakePHP beginners get little help from the experts. Simple questions can get a response like, “Well, just read the online manual and API.” Unfortunately, the online manual is deprecated, and who wants to absorb a programming language or framework from an API? Beginning CakePHP will do the following: Lead you from a basic setup of CakePHP to building a couple applications that will highlight CakePHP’s functionality and capabilities without delving too deeply into the PHP language, but rather what the CakePHP framework can offer the developer. Teach you to use CakePHP by incorporating advanced features into your web development projects. Target beginners of CakePHP or web frameworks in general as well as experienced developers with limited exposure to CakePHP. A secondary audience may include developers undecided on adopting CakePHP or business managers trying to assess the value of incorporating CakePHP into their toolbox.

### **Laravel Design Patterns and Best Practices**

REST continues to gain momentum as the best method for building Web services, and this down-to-earth book delivers techniques and examples that show how to design and implement integration solutions using the REST architectural style.

### **MySQL Reference Manual**

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

### **Laravel Application Development Blueprints**

Professional Ajax 2nd Edition provides a developer-level tutorial of Ajax techniques,

patterns, and use cases. The book begins by exploring the roots of Ajax, covering how the evolution of the web and new technologies directly led to the development of Ajax techniques. A detailed discussion of how frames, JavaScript, cookies, XML, and XMLHttpRequests (XHR) related to Ajax is included. After this introduction, the book moves on to cover the implementation of specific Ajax techniques. Request brokers such as hidden frames, dynamic iframes, and XHR are compared and contrasted, explaining when one method should be used over another. To make this discussion clearer, a brief overview of HTTP requests and responses is included. Once a basic understanding of the various request types is discussed, the book moves on to provide in-depth examples of how and when to use Ajax in a web site or web application. Different data transmission formats, including plain text, HTML, XML, and JSON are discussed for their advantages and disadvantages. Also included is a discussion on web services and how they may be used to perform Ajax techniques. Next, more complex topics are covered. A chapter introducing a request management framework explores how to manage all of the requests inside of an Ajax application. Ajax debugging techniques are also discussed. Professional Ajax 2nd edition is written for Web application developers looking to enhance the usability of their web sites and web applications and intermediate JavaScript developers looking to further understand the language. Readers should have familiarity with XML, XSLT, Web Services, PHP or C#, HTML, CSS. Professional Ajax 2nd edition adds nearly 200 pages of new and expanded coverage compared to the first edition.

### **Laravel: Up and Running**

This manual guide is detailed to guide you through this Laravel 6 API and Flutter on how to connect them using API Endpoint through Laravel Framework. However, It is written with a STEP by STEP approach which guarantees that you wouldn't miss anything with this guide in hand. Simple and easy guide for new or an old Laravel Developer trying to get a hang on this Laravel Framework API and Flutter , this book will guide on the way TO GO, it won't only help improve your knowledge, it will also increase your productivity level in 10minutes. In this guide you will learn Setting up a Laravel 6 Environment Setting up Database Environment Laravel UI Composer Package Setup your Flutter (Dart) How to Installing Flutter on Mac and Windows How to install Dart How to install Xcode? How to install Android SDK? How to use Flutter Doctor? Write your First Flutter App Setup Flutter Mobile App How to create Login and Registration Page on Flutter? How to create a New DART FILE in LIB FOLDER? How to config main.dart? How to run the application Sample Project? Sample Project: Setup Laravel API How to Setup Laravel Default Login & Register Authentication? How to migrate How to configure Laravel API? Use your Route: api.php, Controller And Model and connect with Flutter Application Live Sample Project Attached Get your copy and BUY NOW

### **Laravel Documentation 5.8 Part-1: Learn Laravel in simple and easy steps starting from basic to advanced concepts**

API development is becoming increasingly common for server-side developers thanks to the rise of front-end JavaScript frameworks, iPhone applications, and API-centric architectures. It might seem like grabbing stuff from a data source and

shoving it out as JSON would be easy, but surviving changes in business logic, database schema updates, new features, or deprecated endpoints can be a nightmare. After finding many of the existing resources for API development to be lacking, Phil learned a lot of things the hard way through years of trial and error. This book aims to condense that experience, taking examples and explanations further than the trivial apples and pears nonsense tutorials often provide. By passing on some best practices and general good advice you can hit the ground running with API development, combined with some horror stories and how they were overcome/avoided/averted. This book will discuss the theory of designing and building APIs in any language or framework, with this theory applied in PHP-based examples.

### **Clean Code**

Build modern, fast, and progressive web applications using modern features of PHP 7 and TypeScript Key Features Explore the latest features of Angular and Laravel to build applications that are powerful, consistent, and maintainable Develop modern user interfaces with a reusable component-based architecture using Angular 6 and Bootstrap 4 Learn how to build secure backend APIs with Laravel Book Description Angular, considered as one of the most popular and powerful frontend frameworks, has undergone a major overhaul to embrace emerging web technologies so that developers can build cutting-edge web applications. This book gives you practical knowledge of building modern full-stack web apps from scratch using Angular with a Laravel Restful back end. The book begins with a thorough introduction to Laravel and Angular and its core concepts like custom errors messages, components, routers, and Angular-cli, with each concept being explained first, and then put into practice in the case-study project. With the basics covered, you will learn how sophisticated UI features can be added using NgBootstrap and a component-based architecture. You will learn to extend and customize variables from Bootstrap CSS framework. You will learn how to create secure web application with Angular and Laravel using token based authentication. Finally, you will learn all about progressive web applications and build and deploy a complete fullstack application using Docker and Docker-compose. By the end of this book, you'll gain a solid understanding of Angular 6 and how it interacts with a Laravel 5.x backend What you will learn Explore the core features of Angular 6 to create sophisticated user interfaces Use Laravel 5 to its full extent to create a versatile backend layer based on RESTful APIs Configure a web application in order to accept user-defined data and persist it into the database using server-side APIs Build an off-line-first application using service-worker and manifest file Deal with token based authentication on single page application (SPA). Secure your application against threats and vulnerabilities in a time efficient way Deploy using Docker and Docker-compose Who this book is for This book targets developers who are new to Angular, Laravel, or both, and are seeking a practical, best-practice approach to development with these technologies. They must have some knowledge of HTML, CSS and JavaScript. Familiarity of PHP is assumed to get the most from this book.

### **Beginning Laravel**

This book is written in a simple and easy-to-understand manner, with each chapter contributing as a standalone project that will give you as a reader something to

reflect on as you're learning. This book is aimed at amateur PHP developers with a desire to get a firm understanding of the Lavarel 4 framework. Basic knowledge of PHP will be helpful, however in-depth knowledge is not a must.

### **Build APIs You Won't Hate**

Follow along as we work together to build 10 different applications using Laravel 4. Since each chapter is devoted to the design of a different application, there is no need to read the book in any particular order. Instead, you can pick and choose the blueprints that are of most interest to you and dive right in. This book is for intermediate to advanced level PHP programmers who want to master Laravel. It's assumed that you will have some experience with PHP already. This book is also for those who are already using a different PHP framework and are looking for better solutions.

### **Hands-On Full Stack Web Development with Angular 6 and Laravel 5**

\* This best-selling title has comprehensive discussions about PHP 5, MySQL 5, and how these two popular open source technologies work together to create powerful websites. \* Updated to reflect the new features found in MySQL's most significant release to date. Readers are introduced to advanced database features like triggers, stored procedures, and views. They learn how to integrate these new capabilities into their PHP-driven web applications. The book also discusses PHP's new MySQL extension, mysqli, which is required for MySQL versions 4.1 and higher. \* Packed with hundreds of practical examples covering all aspects of web development, including forms management, templating, database integration, Web services, security, and session handling.

### **Laravel Starter**

This comprehensive reference guide offers useful pointers for advanced use of SQL and describes the bugs and workarounds involved in compiling MySQL for every system.

### **REST in Practice**

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

### **Getting Started with Laravel 4**

### **Getting Started with p5.js**

Learning Laravel's Eloquent starts off by taking you through setting up your first project and guiding you in creating a perfect Laravel environment. You will learn how to build the right database structure with the Migrations system and the Schema Builder class. Next, you will be introduced to the main element of Eloquent: the model. After treating the model as a single, isolated entity, you will learn how to create relations between them. You will be taken through organizing, filtering, and sorting your data with collections. You will then learn to enhance an application with new features using events and by creating new observers. Towards the end of the book, you will discover how to install, configure, and use the Eloquent ORM without Laravel. The book concludes by walking you through how to deal with complex problems and build advanced and flexible systems.

### **Fowler**

What I have learnt from over twelve years' experience of working on websites is that there are many things to avoid when making your website, in a sense, I have learnt How NOT to make a website. I want you to succeed by sharing my knowledge and experience to help you avoid some of the basic mistakes when creating your website to create a better user experience for your visitors, as well as making life easier for you by reducing unnecessary maintenance. - This book is aimed at website beginners, not developers- Perfect for business owners and website owners- Written in a non technical way with easy to understand examples- Helps you understand how to make the right decisions when planning, designing and building your website- Provides advice on improving user experience and getting your site found in search engines

### **Beginning JavaScript**

Learn to Create professional Laravel 6 MVC Application in 10 Minutes What you will learn Understand the fundamental principle of MVC in Laravel 6 Learn the New Laravel 6 new features Understand the use of MVC Understand how MVC communicate with database Full-stack app design principles and best practices End-to-end guide on full-stack development with MVC, Database, Dependency, and Laravel 6 Developing modern user interfaces with a reusable component-based architecture Use Job Middleware to improve User applications performance and data Develop your project using the samples project in this book Laravel framework is a PHP framework used for developing fast and secure websites. This book gives you practical knowledge of building modern full-stack web apps from scratch using MVC with a Laravel 6. In this book, you will build an application dealing with Cars website named "CarShow". This project will show you the core features of MVC pattern, Laravel, and other state-of-the-art web development dependencies. The book begins with a thorough introduction to MVC pattern and its related concepts like data binding, directives, and computed properties, with each concept being explained first, then put into practice in the case-study project. With the basics covered, you will then use Laravel to set up a web service using Xampp (PhpMyAdmin) as your database and integrate the front end into a full-stack app using HTML, CSS, and Javascript. Finally, you will learn how to use database, middle Job and Frontend, completing the full-stack MVC architecture Who This Book Is For This book targets developers who are new to MVC pattern in Laravel, and also novice or intermediate developers seeking a practical, best-practice

approach to development with these technologies. They must have some knowledge of HTML, CSS, and Javascript.

### **Laravel: Up & Running**

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

### **Learning Laravel's Eloquent**

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

### **Domain-driven Design**

This book follows a practical and easy-to-follow approach and is packed with real-world examples to understand all the fundamentals and concepts in a very concise way. This book is ideal for web developers who want to get up to speed with Laravel quickly. You are expected to have some experience with the PHP programming language - or any C-like languages such as JavaScript, Perl, or Java - along with some understanding of basic OOP concepts. Any experience with MVC

frameworks such as ASP.NET MVC or Ruby on Rails will certainly be beneficial but not required. Lastly, some familiarity with command line interfaces will also help but is not essential either.

### **Code Happy**

Get more out of your legacy systems: more performance, functionality, reliability, and manageability Is your code easy to change? Can you get nearly instantaneous feedback when you do change it? Do you understand it? If the answer to any of these questions is no, you have legacy code, and it is draining time and money away from your development efforts. In this book, Michael Feathers offers start-to-finish strategies for working more effectively with large, untested legacy code bases. This book draws on material Michael created for his renowned Object Mentor seminars: techniques Michael has used in mentoring to help hundreds of developers, technical managers, and testers bring their legacy systems under control. The topics covered include Understanding the mechanics of software change: adding features, fixing bugs, improving design, optimizing performance Getting legacy code into a test harness Writing tests that protect you against introducing new problems Techniques that can be used with any language or platform—with examples in Java, C++, C, and C# Accurately identifying where code changes need to be made Coping with legacy systems that aren't object-oriented Handling applications that don't seem to have any structure This book also includes a catalog of twenty-four dependency-breaking techniques that help you work with program elements in isolation and make safer changes.

### **Modern PHP**

Practical FP in Scala: A hands-on approach, is a book for intermediate to advanced Scala developers. Aimed at those who understand functional effects, referential transparency and the benefits of functional programming to some extent but who are missing some pieces to put all these concepts together to build a large application in a time-constrained manner. Throughout the chapters we will design, architect and develop a complete stateful application serving an API via HTTP, accessing a database and dealing with cached data, using the best practices and best functional libraries available in the Cats ecosystem. You will also learn about common design patterns such as managing state, error handling and anti-patterns, all accompanied by clear examples. Furthermore, at the end of the book, we will dive into some advanced concepts such as MTL, Classy Optics and Typeclass derivation.

### **Laravel 5 Essentials**

Learn to write test-driven microservices, REST APIs, and web service APIs with PHP using the Lumen micro-framework, from the now popular Laravel family. This book shows you how testing APIs can help you write bullet-proof web application services and microservices. In the Lumen Programming Guide you will learn how to use Lumen—a micro-framework by Laravel—to write bullet-proof APIs. Lumen helps you write productive, maintainable APIs using modern application design. You will learn how to write fully-tested APIs and understand essential Lumen concepts used

to build a solid foundation for writing API projects. What You Will Learn Maintain your API's database structure through built-in database migrations Write tests with factory data in a test database Respond with consistent data output in JSON Deal with PHP exceptions by using JSON responses Create, read, update, and delete REST resources Represent model associations in API responses Build a solid foundation for writing tests with PHPUnit and Mockery Validate data Who This Book Is For PHP developers with no Laravel experience. Only a basic understanding of HTTP and writing PHP applications is needed to get started.

### **Working Effectively with Legacy 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 facades Use the mail template Create and configure events Work with Laravel Passport Deploy 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.

### **Laravel Application Development Cookbook**

This book is a practical, task-based, step-by-step tutorial that demonstrates topics ranging from MVC code-separation, to code-modularity, to utilizing ActiveRecord for data abstraction which are explained from the ground-up to provide a strong framework of understanding for creating professional web-applications with Laravel. This book is ideal for programmers familiar with PHP who are interested in learning the Laravel way of solving the common problems faced in their day to day work.

### **Lumen Programming Guide**

The practice of enterprise application development has benefited from the emergence of many new enabling technologies. Multi-tiered object-oriented platforms, such as Java and .NET, have become commonplace. These new tools and technologies are capable of building powerful applications, but they are not easily implemented. Common failures in enterprise applications often occur because their developers do not understand the architectural lessons that experienced object developers have learned. Patterns of Enterprise Application Architecture is written in direct response to the stiff challenges that face enterprise application developers. The author, noted object-oriented designer Martin Fowler, noticed that despite changes in technology--from Smalltalk to CORBA to Java to .NET--the same basic design ideas can be adapted and applied to solve common problems. With the help of an expert group of contributors, Martin distills over forty recurring solutions into patterns. The result is an indispensable handbook of solutions that are applicable to any enterprise application platform. This book is actually two books in one. The first section is a short tutorial on developing enterprise applications, which you can read from start to finish to understand the scope of the book's lessons. The next section, the bulk of the book, is a detailed reference to the patterns themselves. Each pattern provides usage and implementation information, as well as detailed code examples in Java or C#. The entire book is also richly illustrated with UML diagrams to further explain the concepts. Armed with this book, you will have the knowledge necessary to make important architectural decisions about building an enterprise application and the proven patterns for use when building them. The topics covered include

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

### **Practical FP in Scala (hard-Cover)**

Describes ways to incorporate domain modeling into software development.

### **Beginning Laravel**

Create fast front-end applications and increase the performance of your existing projects with Vue.js integration About This Book Learn about computed properties, components, filters, routing, ES6, and workflow automation This book will show you how easy Vue.js is to grasp, and that its integration can save you a lot of time and effort This book will guide you through the path of the rapidly spreading JavaScript Framework Vue.js Who This Book Is For This book is for anyone interested in learning to use a lightweight and simple JavaScript framework. No excessive knowledge is required, though it would be good to be familiar with HTML and JavaScript. This book is also useful for those who already know their way around Vue.js and want to expand their knowledge. What You Will Learn Get to know the fundamentals of Vue.js Consume an API using Vue Resource Explore components, filters, methods, and computed properties are and find out how to use them to build robust applications Break your applications into Single File Components Build Single Page Applications using Vue Router Automate your workflow using Vue.js In Detail Vue.js is a library to build interactive web interfaces. The aim is to provide

the benefits of reactive data binding and composable view components with an API that is as simple as possible. This book will teach you how to efficiently implement Vue.js in your projects. It starts with the fundamentals of Vue.js to building large-scale applications. You will find out what components, filters, methods, and computed properties are and how to use them to build robust applications. Further on, you will become familiar with ES6, single file components, module bundlers, and workflow automation. The best way to learn to code is to write it, so there's an exercise at the end of most of the chapters for you to solve and actually test yourself on what you have learned. You can solve these in order to gain a better understanding of Vue.js. By the end of this book, you will be able to create fast front-end applications and increase the performance of your existing projects with Vue.js integration. Style and approach The book is written in an informal, intuitive, and easy-to-follow format, and all examples are detailed enough to provide adequate guidance to everyone.

### **Learning Laravel 4 Application Development**

Looks at the principles and clean code, includes case studies showcasing the practices of writing clean code, and contains a list of heuristics and "smells" accumulated from the process of writing clean code.

### **Creating a Laravel 6 Mvc Application in Ten Minutes**

This book is intended for PHP web developers who have an interest in Laravel and who know the basics of the framework in theory, but don't really know how to use it in practice. No experience of using frameworks is required, but it is assumed you are at least familiar with building dynamic websites in PHP already.

### **Beginning CakePHP**

What sets Laravel apart from other PHP web frameworks? Speed and simplicity, for starters. This rapid application development framework and its vast ecosystem of tools let you quickly build new sites and applications with clean, readable code. With this practical guide, Matt Stauffer—a leading teacher and developer in the Laravel community—provides the definitive introduction to one of today's most popular web frameworks. The book's high-level overview and concrete examples will help experienced PHP web developers get started with Laravel right away. By the time you reach the last page, you should feel comfortable writing an entire application in Laravel from scratch. Dive into several features of this framework, including: Blade, Laravel's powerful, custom templating tool Tools for gathering, validating, normalizing, and filtering user-provided data Laravel's Eloquent ORM for working with the application's databases The Illuminate request object, and its role in the application lifecycle PHPUnit, Mockery, and PHPSpec for testing your PHP code Laravel's tools for writing JSON and RESTful APIs Interfaces for file system access, sessions, cookies, caches, and search Tools for implementing queues, jobs, events, and WebSocket event publishing Laravel's specialty packages: Scout, Passport, Cashier, Echo, Elixir, Valet, and Socialite

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