

The Grumpy Programmer's Guide To Building Testable Applications In PHP



The Grumpy Programmer S Guide To Building Testable Php Applications

Phiquill Publishing



The Grumpy Programmer's Guide To Building Testable PHP Applications:

PHP Beyond the Web Rob Aley, 2016-12-15 Use your existing web based PHP skills to write all types of software CLI scripts desktop software network servers and more This book gives you the tools techniques and background necessary to write just about any type of software you can think of using the PHP you know PHP Beyond the Web shows you how to take your knowledge of PHP development for the web and utilise it with a much wider range of software systems Enjoy the benefits of PHP after reading this book save money by redeploying existing skills not learning new ones save time and increase productivity by using a high level language and make money by providing your clients a full stack service not just websites PHP is no longer just a great scripting language for websites it's now a powerful general purpose programming language Expand your use of PHP into your back end systems server software data processing services desktop interfaces and more What You'll Learn Write interactive shell scripts Work with system daemons Write desktop software Build network servers Interface with electronics using PHP and the Raspberry Pi Manage performance deployment licensing and system interaction Discover the software tools for development and get other great sources of technical information and help Who This Book Is For Experienced PHP programmers or experienced programmers interested in leveraging PHP outside the web development context

The Grumpy Programmer's Guide To Testing PHP Applications Kara Ferguson, Chris Hartjes, 2020-05-22 Learn how a Grumpy Programmer approaches testing PHP applications covering both the technical and core skills you need to learn in order to make testing just a thing you do instead of a thing you struggle with I feel that testing as a concept is hard to explain to beginning programmers we are going to write code that is going to make sure your other code works as expected The assumption that underlies all this is that you already understand how to write computer programs in your chosen language This makes it very difficult to teach to beginner or inexperienced programmers When you combine this with how PHP does not force any particular structure on you you have an environment where only the folks who are really motivated end up learning about testing The Grumpy Programmer's Guide To Testing PHP Applications is my way to try and provide some help for developers who are looking to become more test centric and reap the benefits of automated testing and related tooling like static analysis and automation I believe that by learning the skills both technical and core surrounding testing you will be able to write tests using almost any testing framework and almost any PHP application The book combines all the material from my previous books adds new material and revisits some old topics where my experiences have changed my thoughts I break the vast topic of testing into smaller chunks along with providing lots of examples and explanations of how I approach testing applications Some of the things I cover are Test Driven development Strategies for Test After practices Test refactoring strategies How PHPUnit itself works Complementary tools and approaches like static analysis and mutation testing Learning the core skills you need to get other people testing their code

Test-Driven Development with PHP 8 Rainier Sarabia, Ben Hansen, 2023-01-13 A PHP developer's practical guide to planning writing

and deploying maintainable and extensible software solutions with automated tests in a well structured way

Key Features

- Learn to organize and translate business requirements into maintainable software
- Minimize regressions and bugs while releasing new features or bug fixes
- Build maintainable applications using SOLID principles

Book Description

PHP web developers end up building complex enterprise projects without prior experience in test driven and behavior driven development which results in software that's complex and difficult to maintain. This step by step guide helps you manage the complexities of large scale web applications. It takes you through the processes of working on a project starting from understanding business requirements and translating them into actual maintainable software to automated deployments. You'll learn how to break down business requirements into workable and actionable lists using Jira. Using those organized lists of business requirements you'll understand how to implement behavior driven development (BDD) and test driven development (TDD) to start writing maintainable PHP code. You'll explore how to use the automated tests to help you stop introducing regressions to an application each time you release code by using continuous integration. By the end of this book you'll have learned how to start a PHP project, break down the requirements, build test scenarios and automated tests and write more testable and maintainable PHP code. By learning these processes you'll be able to develop more maintainable and reliable enterprise PHP applications.

What you will learn

- Understand how to start a software project
- Discover how to use Jira as a tool to organize your tasks
- Explore when and how to write unit, integration and functional tests using PHPUnit
- Write behavior driven tests using Behat
- Apply SOLID principles to help you write more testable code
- Get the most out of your automated tests by using continuous integration
- Use continuous delivery to help you prepare your application for deployment

Who this book is for

This book is for PHP software developers looking to implement TDD and BDD in their projects. An understanding of object oriented programming is required to get the most out of this book. Professional software development experience will also be beneficial to understand real life business cases.

Testing PHP Applications Phiquill Publishing, 2025-06-16

What You Will Learn in This Book

- Master the fundamentals of software quality and automated testing in PHP, understanding its critical role throughout the development lifecycle.
- Implement effective testing strategies using the Testing Pyramid and Agile Testing Quadrants, ensuring comprehensive coverage and efficient feedback.
- Distinguish and apply various test types including unit, integration, functional, and acceptance testing to different parts of your PHP applications.
- Adopt Test Driven Development (TDD) principles to improve code design, reduce bugs, and build confidence in your development process.
- Bridge the gap between business and technical teams with Behavior Driven Development (BDD), learning to write clear, executable specifications using Gherkin.
- Set up and configure robust testing environments for PHP, leveraging essential tools like Composer, Xdebug, and version control.
- Write and maintain unit tests effectively using PHPUnit, covering assertions, test doubles, mocks, stubs, spies, and advanced features for test organization and reporting.
- Explore and utilize Pest, a modern PHP testing framework for writing expressive and elegant unit tests, and understand its advantages over or alongside PHPUnit.

Develop robust integration tests to verify interactions with databases filesystems external APIs and message queues
mastering strategies for test data management Conduct functional and acceptance testing with Codeception from simulating
user interactions in a browser to testing API endpoints and implementing the Page Object Pattern for maintainability Apply
Behavior Driven Development BDD with Behat defining features and scenarios in Gherkin and implementing step definitions
to drive development from a business perspective Strategically approach testing for legacy PHP codebases learning
techniques to safely introduce tests and refactor towards testability Integrate your testing suite into Continuous Integration
CI pipelines ensuring automated test execution and early feedback on every code change Interpret code coverage reports
accurately and explore advanced testing techniques like mutation testing to enhance the quality and effectiveness of your
test suite Gain foundational knowledge in performance and security testing for PHP applications understanding common
vulnerabilities and basic testing considerations Design and build highly testable PHP applications by applying key design
principles such as SOLID Dependency Injection and loose coupling Stay informed on emerging trends and the future of
testing in PHP preparing you for continuous learning and adaptation in the evolving landscape

The The PHP Workshop
Alexandru Busuioc,David Carr,Markus Gray,Vijay Joshi,Mark McCollum,Bart McLeod,M A Hossain Tonu,2019-10-31 Get to
grips with the fundamentals of PHP programming and learn to build dynamic testable PHP web applications with the help of
real world examples and hands on projects Key FeaturesStart building modern and testable PHP web applicationsMaster the
basic syntax and fundamental features of PHPImplement object oriented programming to write modular well structured
codeBook Description Do you want to build your own websites but have never really been confident enough to turn your
ideas into real projects If your web development skills are a bit rusty or if you ve simply never programmed before The PHP
Workshop will show you how to build dynamic websites using PHP with the help of engaging examples and challenging
activities This PHP tutorial starts with an introduction to PHP getting you set up with a productive development environment
You will write execute and troubleshoot your first PHP script using a built in templating engine and server Next you ll learn
about variables and data types and see how conditions and loops help control the flow of a PHP program Progressing through
the chapters you ll use HTTP methods to turn your PHP scripts into web apps persist data by connecting to an external
database handle application errors and improve functionality by using third party packages By the end of this Workshop you
ll be well versed in web application development and have the knowledge and skills to creatively tackle your own ambitious
projects with PHP What you will learnSet up a development environment and write your first PHP scriptsUse inheritance
encapsulation polymorphism and other OOP conceptsUse HTTP and understand the request response cycle of an
applicationPerform file operations and interact with external databasesDeal with application errors and handle
exceptionsUse third party libraries and manage dependenciesConnect your application to web services to allow for data
exchangeWho this book is for This book on PHP for beginners will help you if you re just getting started with PHP Although

prior programming experience is not necessary a basic understanding of HTML CSS and JavaScript will help you grasp the concepts covered more easily *Multi-Tier Application Programming with PHP* David Wall,2004-06-25 While many architects use PHP for projects they are often not aware of the power of PHP in creating enterprise level applications This book covers the latest version of PHP version 5 and focuses on its capabilities within a multi tier application framework It contains numerous coding samples and commentaries on them A chapter discusses object orientation in PHP as it applies to the multi tier architecture and other chapters discuss HTTP and SOAP the two communication protocols most useful in tying together multiple layers There is also coverage of database design and query construction as well as information about tricks you can use in generating user interfaces Covers PHP as it relates to developing software in a multi tier environment a crucial aspect of developing robust software with low cost and ease of use as design goals Makes extensive use of Simple Object Access Protocol SOAP and Web Services as implemented in PHP and NuSOAP Shows precisely how to make use of the InnoDB table type newly available in MySQL InnoDB supports true referential integrity and row level locking An application example a multi currency bookkeeping application runs throughout the book showing various PHP capabilities as well as the database interaction **Building PHP Applications with Symfony, CakePHP, and Zend Framework** Bartosz

Porebski,Karol Przystalski,Leszek Nowak,2011-02-17 The first detailed unbiased comparison of the three leading PHP frameworks Web developers have been eager for an impartial comparison of leading PHP frameworks so they can make educated decisions about the most effective tool for their needs This guide uses Symfony CakePHP and Zend Framework to solve key problems providing source code examples and comparisons for each It explains the approach and reviews the similarities and differences in the three frameworks providing reliable information on which to base your decisions Symfony CakePHP and Zend Framework are considered the leading PHP frameworks developers need an unbiased comparison to choose which one works best for their individual situations This guide uses each framework to solve the same problems illustrating the solutions with source code examples and working applications Covers wide range of topics from installation and configuration to most advanced features like AJAX web services and automated testing Includes an appendix of new PHP frameworks including CodeIgniter Lithium and Agavi Bestselling PHP author Elizabeth Naramore serves as technical editor Comparison of PHP Web Frameworks provides the impartial side by side comparison that developers have been looking for

Professional PHP Patrick Louys,2018-02-08 In this book you will learn how to write clean and maintainable object oriented code start a new project from scratch implement a layered architecture protect your application from XSS CSRF and other attacks The book is structured as a tutorial and will guide you through the steps of building a modern web application from scratch It will provide you with solid software development knowledge that you can then use as a foundation to learn more advanced approaches like domain driven design It s a 212 page book and consists of a theory and a tutorial part Everything in the book is framework agnostic and you can apply what you learn to your favorite framework You will learn

how to write clean code that stands the test of time At the end of the book you will know how to implement a layered architecture from scratch and how you can protect your application from the most common attack vectors This is the book that I wanted to read when I first learned about clean code *Pro Functional PHP Programming* Rob Aley,2017-09-27 Bring the power of functional programming to your PHP applications From performance optimizations to concurrency improved testability to code brevity functional programming has a host of benefits when compared to traditional imperative programming Part one of *Pro Functional PHP Programming* takes you through the basics of functional programming outlining the key concepts and how they translate into standard PHP functions and code Part two takes this theory and shows you the strategies for implementing it to solve real problems in your new or existing PHP applications Functional programming is popular in languages such as Lisp Scheme and Clojure but PHP also contains all you need to write functional code This book will show you how to take advantage of functional programming in your own projects utilizing the PHP programming language that you already know What You ll Learn Discover functional programming in PHP Work with functional programming functions Design strategies for high performance applications Manage business logic with functions Use functional programming in object oriented and procedural applications Employ helper libraries in your application Process big data with functional PHP Who This Book Is For Programmers and web developers with experience of PHP who are looking to get more out of their PHP coding and be able to do more with PHP **Building Real World Php**

Applications Andrea Mauro Raimondi,2021-03-08 A practical guide to web programming What will you find in this book A practical step by step guide for creating web applications Knowledge of HTML The really useful TAGs for creating web pages Knowing and using PHP language The main functions of PHP and how to use them in practice Understanding databases and how to use MySQL Create your first database with MySQL through concrete examples Create a website to display products Put your knowledge into practice by creating a real website step by step Create a Back Office area for product management How to create and manage a truly functional Back Office area Download all the website and back office code Use the web application code immediately modify it and use it for your works Some topics covered HTML tags with particular focus on HTML forms Using PHP in practice Use MySQL database Creation of a website to display products Creation of a Back Office area for the management of categories and products Interactions with MySQL database Main PHP functions The SQL calls you need most All code ready to use Create your first web application Who is this book for A practical guide to web programming with PHP HTML and MySQL For beginners or for those who want to improve their use of the language By creating a real web application you will learn how to use HTML and PHP For those who want to start programming Understand how to use HTML and PHP and start programming now For those who already know PHP Learn the secrets from those who have been using PHP for over 20 years For those who want to understand how web applications work By creating a real web app For those who don t have time to waste Little theory a lot of practice and above all code that you can reuse

The Author Andrea Raimondi has been a PHP Programmer for over 20 years Over the years he has created all kinds of web applications from a simple website to complex e commerce A guide to web programming Learn HTML PHP and the MySQL database by building your first web application step by step Learn by doing By creating a real back office area to manage users categories and products and the related website you will learn to program in PHP learning the HTML language necessary to write web pages and use the MySQL database to manage the data The site and the back office area are online and you can request all the code used for free Once downloaded the code can be used freely and you can create your applications and find your first customers In the appendix the main PHP functions the main SQL commands to avoid being overwhelmed by useless technicalities just what you need

Unlocking PHP 8+ John Riley, 2025-01-08 This book is a practical guide for PHP developers who want to build and deploy robust maintainable web applications It s perfect if you re working on complex projects and want to avoid the headaches of messy code and difficult to fix bugs Here s what you ll learn Planning your project You ll discover how to take a project from initial idea to a clear plan using tools like Jira to organize tasks and requirements This ensures everyone is on the same page and the project stays on track Writing clean testable code The book guides you through test driven development TDD and behavior driven development BDD This means you ll learn to write automated tests before you write your code ensuring fewer bugs and making it easier to add new features later on SOLID principles You ll learn about SOLID principles a set of guidelines for writing code that is easier to understand change and maintain over time Automating the process The book covers continuous integration and continuous delivery which automate tasks like testing and deployment saving you time and reducing errors This book is ideal for you if You re a PHP developer with some experience in object oriented programming You re working on or about to start large complex web applications You want to improve the quality and maintainability of your code By the end of the book you ll be able to Confidently plan and structure your PHP projects Write cleaner more testable code using TDD and BDD Apply SOLID principles to improve your code design Automate testing and deployment processes for greater efficiency This book focuses on practical skills and techniques you can use immediately in your projects It s written in a clear concise style that s easy to understand even if you re new to concepts like TDD and BDD

Learn CakePHP Rādhārādhya Dāsa, 2016-08-22 Accelerate your development of PHP applications using the popular CakePHP web application development framework and unit testing This short book shows you how to carry out test driven development with fixtures model tests controller tests mocks and test suites Learn CakePHP contains all you need to get started with the CakePHP framework to build faster better PHP based web applications You ll learn about unit testing and how to implement it in CakePHP This approach to coding leads to better code better applications and better programming habits With this knowledge your PHP skills will go from strength to strength allowing you to write more and improved code What you ll learn What is unit testing and CakePHP and how to put the two together What is clean coding What is TDD and the development cycle using this approach How to work with fixtures

model tests text callbacks controller tests and more How to do mocks test suites testing from the command line and more How to work with code coverage fixtures data and private methods Who this book is for This book is for experienced PHP programmers and web developers who have little or no experience using CakePHP and or unit testing *Real-World Solutions for Developing High-Quality PHP Frameworks and Applications* Sebastian Bergmann, Stefan Priebsch, 2011-04-18 Learn to develop high quality applications and frameworks in PHP Packed with in depth information and step by step guidance this book escorts you through the process of creating maintaining and extending sustainable software of high quality with PHP World renowned PHP experts present real world case studies for developing high quality applications and frameworks in PHP that can easily be adapted to changing business requirements They offer different approaches to solving typical development and quality assurance problems that every developer needs to know and master Details the process for creating high quality PHP frameworks and applications that can easily be adapted to changing business requirements Covers the planning execution and automation of tests for the different layers and tiers of a Web application Demonstrates how to establish a successful development process Shares real world case studies from well known companies and their PHP experts With this book you ll learn to develop high quality PHP frameworks and applications that can easily be maintained with reasonable cost and effort Advanced Guide to PHP on IBM i Kevin Schroeder, 2014-04 Working through many of the concepts and skills needed by intermediate and advanced PHP developers this book is specifically designed to help good PHP developers become indispensable ones Topics include debugging test driven development web based development advanced object oriented programming and web security and the book also takes an in depth look at the new PHP Toolkit for IBM i provided by Zend Technologies Upon completion of this book readers will be able to use its principles as a basis for architecting complex applications building web services according to the best standards currently available significantly reducing the time spent discovering and fixing errors in code designing architectures that are testable and predictable building secure applications by protecting against most known attacks and avoiding and preparing for common performance issues Professional PHP Design Patterns Aaron Saray, 2009-08-24 **PHP Evolved** Caden Hawthorne, 2025-06-26 Modern PHP for the Modern Web PHP Evolved is your go to guide for writing clean secure and testable PHP that powers today s dynamic websites and APIs Gone are the days of spaghetti code this book shows you how to structure scalable PHP projects using object oriented programming modern frameworks like Laravel and Symfony and best development practices Whether you re a beginner or a seasoned developer looking to modernize your skillset you ll learn how to harness PHP 8 features implement RESTful APIs manage dependencies with Composer and write unit tested code for real world applications **The Joy of PHP** Alan Forbes, 2015-12-04 Third Edition now with bonus chapters Have you ever wanted to design your own website or browser application but thought it would be too difficult or just didn t know where to start Have you found the amount of information on the Internet either too daunting or not geared for your skill set or worse just plain boring Are

you interested in learning to program PHP and have some fun along the way If so then The Joy of PHP by Alan Forbes is the book for you Alan starts with some basic HTML so the absolute beginner can catch up quickly and then goes step by step on how PHP works You start with the easy stuff like how to create and run simple PHP scripts that modify web pages and then build on what you ve learned through a series of cohesive and fun exercises that carry over from lesson to lesson As the chapters progress you begin to build a web site for a growing used car dealership business This approach keeps the material fun and challenging and gives what you ve learned a context to be relevant A car dealership needs a constantly changing web site because the inventory of cars is always changing HTML is not the answer for this kind of web site but PHP and MySQL are Throughout the book you will be working with the web site for the car dealership and adding features and modifying it as the needs of the business and your knowledge grow This writing style reinforces the previous lessons and keeps you engaged in a real project giving you both a sense of accomplishment and an opportunity to apply what you ve learned to a realistic scenario You are far more likely to retain what you ve learned using this approach than just reading dry syntax documentation The author has an easy and fun style of writing that teaches you PHP in a simple matter of fact manner while showing you the most common uses of the commands you need to get the job done This keeps your learning pace quick and uncluttered If you need it he also points you to several resources where you can learn more about the other options a PHP function can offer and even better how to read and understand those resources If you want to learn the PHP language in an easy enjoyable well laid out manner and to learn why PHP and MySQL are so powerful and fun to use then buy this book Do not buy this book if you are looking for a comprehensive reference of boring PHP syntax This book does not attempt to cover everything about PHP What it does do and does well is take you from being a beginner who isn t even sure what PHP is to someone who knows the sheer joy that only programming dynamic sites can provide You will become someone who can read write and modify PHP scripts and you will be able make your website come alive Bonus Code All the source code referenced in the book is available for easy download and well organized You don t have to cut and paste out of Kindle or retype code unless you want to There is even a video tutorial showing how to get started Topics Covered Installing and configuring PHP Introduction to HTML Basic PHP Syntax Some Fun Right Away Editors and Staying Organized Variables Numbers Dates and Strings Control Structures How to use a database such as MySQL Using PHP and MySQL Together How to create forms to Display Add Edit and Delete data Session Variables Working with Images PHP File Uploads PHP Quirks and Tips Security Considerations This book is NOT the only book you ll ever need to read to master PHP The book is a gentle introduction to a very rich topic The hope of the author is to show you that PHP isn t really that scary after all it is something YOU can do and it can even bring you joy once you get it

[Building Scalable PHP Web Applications Using the Cloud](#) Jonathan Bartlett, 2019-11-28 Eliminate the guesswork involved in writing and deploying a cloud application This step by step guide uses PHP to minimize the complexity of the code and setup but the tools and techniques can be applied on any platform using

any language Everything that you need to jumpstart your application on the cloud is right here Clear diagrams step by step configuration information and complete code listings tell you everything you need to get off the ground and start developing your cloud application today This book introduces several cloud architectures and technologies that will help you accelerate your application in the cloud Chapters cover load balanced clusters database replication caching configuration content delivery networks infinite scale file storage and cloud system administration Cloud computing has dramatically changed the landscape of web hosting Instead of spending weeks negotiating contracts for servers new servers can be deployed with the push of a button and your application can be resized almost instantly to meet today s needs No matter what size of web application you are developing you can benefit from modern cloud servers and this is the guide to tell you how What You ll Learn Use the cloud and its various platforms with Docker management tools Build a simple PHP based scalable web application Create a basic cloud cluster Work with Amazon and Google Cloud Platform in your PHP web application development Who This Book Is For Developers who have some prior programming experience including PHP and who are new to building applications

PHP 8.x In-Depth Phiquill Publishing, 2025-05-30 What You ll Learn in This Book Master PHP 8 x Fundamentals Understand the evolution of PHP why PHP 8 x is a game changer and how to set up your optimal development environment including Docker Xdebug 3 and Composer Deep Dive into PHP 8 0 Features Harness the power of the JIT compiler for significant performance gains learning how it works when to use it and how to benchmark its impact Implement Attributes annotations for cleaner metadata in your code from framework integration to validation and API documentation Leverage Union Types for more expressive and robust type hinting improving code clarity and static analysis Replace switch statements with the more powerful and concise match expression Streamline your code with the nullsafe operator eliminating Christmas tree null checks Enhance code readability and maintainability using Named Arguments Reduce boilerplate with Constructor Property Promotion Explore other key PHP 8 0 enhancements like the static return type mixed type and new string functions Explore PHP 8 1 Innovations Utilize Enumerations Enums for type safe constants and improved code organization Understand Fibers to build concurrent and asynchronous PHP applications opening doors to non blocking I O and cooperative multitasking Enforce immutability with Readonly Properties for more reliable objects like Value Objects and DTOs Combine multiple type constraints effectively with Intersection Types Declare functions that never return using the never return type for better static analysis Prevent overriding of class constants with final class constants Discover new functions like array_is_list and first class callable syntax Unveil PHP 8 2 Advancements Extend immutability to entire classes with Readonly Classes Solve complex type hinting scenarios using Disjunctive Normal Form DNF Types Use null false and true as standalone types for precise type declarations Understand the deprecation of Dynamic Properties and how to adapt your codebase using the AllowDynamicProperties attribute Learn about the new Random Extension and how to redact sensitive parameter values with SensitiveParameter Discover What s New in PHP 8 3 Add robust type declarations to Typed

Class Constants Explicitly mark overridden methods with the Override attribute for safer refactoring Handle deep cloning of readonly properties correctly Efficiently validate JSON strings with the new json_validate function Optimize and Modernize Your PHP Applications Master performance benchmarking and optimization techniques in PHP 8 x including leveraging the JIT Opcode and profiling tools like Xdebug and Blackfire io Adopt modern PHP best practices including PSR standards SOLID principles and design patterns Learn best practices for error handling logging security and writing testable code with PHPUnit Migrate legacy code to PHP 8 x efficiently identifying breaking changes and using tools like Rector for automated upgrades Gain insights into the future of PHP including upcoming features and community resources

PHP 7: Real World Application Development Doug Bierer, Altaf Hussain, Branko Ajzele, 2016-09-30 Use new features of PHP 7 to solve practical real world problems faced by PHP developers like yourself every day About This Book This course covers the new features of version 7 x best practices for server side programming and MVC frameworks Leverage the potential of PHP for server side programming memory management and Object Oriented Programming to improve your programming productivity This course also illustrates the development of a complete modular application using PHP 7 in detail Who This Book Is For If you are an aspiring web developer mobile developer or back end programmer who has basic experience in PHP programming and wants to develop performance critical applications then this course is for you It will take your PHP programming skills to next level What You Will Learn Solve practical real world programming problems using PHP 7 Discover where and when PHP 5 code needs to be re written to avoid backwards compatibility breaks Use advanced PHP 7 features such as the Abstract Syntax Tree Uniform Variable Syntax Scalar Type Hints Generator Delegation Anonymous Classes and the Context Sensitive Lexer Set up a high performance development and production environment for PHP 7 Discover new OOP features in PHP 7 to achieve high performance Discover the new features of PHP 7 that are relevant to modular application development Explore the ins and outs of the Symfony framework Build a set of modules based on the Symfony framework that comprise a simple web shop app In Detail PHP is a great language for developing web applications It is essentially a server side scripting language PHP 7 is the latest version providing major backward compatibility breaks and focusing on improved performance and speed This course follows a learning path which is divided into three modules Each module is a mini course in its own right taking your basic PHP programming skills to the next level by showing you intermediate to advanced PHP techniques with a focus on PHP 7 This way get you equipped with the tools and skills required to develop professional and efficient applications for your websites and enterprises The first module of the book is a programming cookbook that consists over 80 recipes Each recipe is designed to solve practical real world problems faced by PHP developers like yourself every day This course also covers new ways of writing PHP code made possible only in version 7 The second module of the course is designed to improve the performance and productivity of your application We ll introduce you to the concepts of Object Oriented Programming OOP in PHP 7 then shed some light on how to improve the performance of your PHP 7 applications

and database Throughout this module you will be introduced to benchmarking tools With all important concepts of PHP covered up you will move on to third module In this module you will gain a deep insight into the modular programming paradigm and how to achieve modularity in your PHP code Modular design techniques help you build readable manageable reusable and more efficient codes PHP 7 which is a popular open source scripting language is used to build modular functions for your software This Learning Path combines some of the best that Packt has to offer in one complete curated package It includes content from the following Packt products PHP 7 Programming Cookbook Doug Bierer Learning PHP 7 High Performance Altaf Hussain Modular Programming with PHP 7 Branko Ajzele Style and approach This book takes a practical step by step approach with real world examples that serve as building blocks for your application development and guide you through improving the quality of your code

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The Grumpy Programmer S Guide To Building Testable Php Applications Introduction

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