

# Beginners To Installing Magento 2 Using Composer

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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Create rich and compelling solutions for Magento 2 by developing and implementing solutions, themes, and extensions About This Book Be proficient in the main functionalities, resources,

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and system structure of Magento 2 Get to grips with this practical and hands-on guide to raise your web development skills to the next level Packed with several advanced recipes, not just to manage your online store, but to extend and design it as well Who This Book Is For The ideal target audience for this course could be anyone who wants to mould their skills in building amazing e-commerce websites using Magento. We begin right from getting you started with Magento to becoming an expert at building your own online stores with it. What You Will Learn Install and set up the Magento Ecosystem Carry out performance adjustments to speed up your Magento system Transfer your Magento 1 database to Magento 2 using the Magento 2 system tools Build a Magento 2 multi-store by creating a root catalog, subdirectories, and products Design custom themes within the Magento 2 framework Create extensions using Magento 2 Discover what makes Magento 2 different and more powerful In Detail Magento is the leading e-commerce software trusted by world`s leading organizations. Used by thousands of merchants for their transactions worth billions, it provides the flexibility to customize the content and functionality of your website. Our Magento Course will help you gain knowledge and skills that are required to design & develop world class online stores. Magento 2 Development Essentials - This book begins by setting up Magento 2 before gradually moving onto setting the basic options of the Sell System. You will learn Search Engine Optimization aspects, create design and customize theme layout, and adjust the Magento System to achieve great performance. Magento 2 Cookbook – This book is divided into several recipes, which show you which steps to take to complete a specific action. It will cover configuring your categories and products, performance tuning, creating a theme, developing a module etc. At the end of this book, you will gain the knowledge to start building a success website. Mastering Magento 2 - This is a comprehensive guide to using the all new features and interface of Magento 2 to build, extend, and design online stores. This book is your roadmap to managing your Magento store which teaches advanced and successful techniques. Focusing on Magento's Community version, this book offers you advanced guidance on managing, optimizing, and extending your store while taking advantage of the new features of Magento 2. 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 Magento 2 Development Essentials by Fernando J. Miguel Magento 2 Cookbook by Ray Bogman and Vladimir Kerkhoff Mastering Magento 2 by Bret Williams and Jonathan Bownds Style and approach This course begins by setting up Magento 2 before gradually moving on to setting the basic options of the Sell System. You will master Search Engine Optimization aspects, create designs and customize theme layouts, develop new extensions, and adjust the Magento System to achieve great performance. The book covers everything from creating and managing multiple stores to fine-tuning Magento for speed and performance.

This book is written in a friendly, beginner's guide style with plenty of step-by-step instructions for installing, configuring, and using Magento to run your own e-commerce site. We will set up an example store in the book with enough information to adapt the instructions according to your needs. This book is for anyone who wants to create an online store using Magento. If you are a non-technical person and are discouraged by the complexity of this powerful e-commerce application, this book is ideal for you. This book would also suit someone with e-commerce knowledge but requires a guide to getting started with Magento.

Over 50 practical recipes that will help you realize the full potential of Magento in order to build a professional online store About This Book Take advantage of the latest features in Magento 2 to set up an e-commerce store that fits your business needs Packed with several advanced recipes, not just to manage your online store, but to extend and design it as well Written in a cookbook style, you can pick and choose your recipe to carry out your day- to- day Magento store tasks Who This Book Is For The book is for existing Magento users who want to gain further expertise and insights into managing, designing, and extending their online store in

Magento to fit their business needs. Working knowledge of Magento and basic familiarity with programming is expected. What You Will Learn Set up a Magento 2 project on Apache or Nginx. Transfer your Magento 1 database to Magento 2 using the Magento 2 system tools. Boost the performance of Magento 2 by enabling different types of caching. Build a Magento 2 multi-store by creating a root catalog, subdirectories, and products. Create and manage pages, blocks, and front-end apps. Manage your Magento store by setting up the correct TAX rules. Design custom themes within the Magento 2 framework. Create basic and advanced extensions using Magento 2. In Detail Magento 2 is an open source e-commerce platform that has all the functionality to function from small to large online stores. It is preferred by developers and merchants due to its new architecture, which makes it possible to extend the functionalities with plugins, a lot of which are now created by the community. This merchant and developer guide is packed with recipes that cover all aspects of Magento 2. The recipes start with simple how-to's then delve into more advanced topics as the book progresses. We start with the basics of setting up a Magento 2 project on Apache or Nginx. Next, you will learn about basics including system tools and caching to get your Magento 2 system ready for the real work. We move on to simple tasks such as managing your store and catalog configuration. When you are familiar with this, we cover more complex features such as module and extension development. Then we will jump to the final part: advanced Magento 2 extensions. By the end of this book, you'll be competent with all the development phases of Magento 2 and its most common elements. Style and approach Step by step guide for real world tasks for Magento users to gain a more advanced insight on managing, extending and designing their e-commerce store to fit their business needs.

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Learn everything you need to build highly scalable, robust web applications using Angular release 4 About This Book Apply best practices and design patterns to achieve higher scalability in your Angular applications Understand the latest features of Angular and create your own components Get acquainted with powerful, advanced techniques in Angular to build professional web applications Who This Book Is For This book is for JavaScript developers with some prior exposure to Angular, at least through basic examples. We assume that you've got working knowledge of HTML, CSS, and JavaScript. What You Will Learn Implement asynchronous programming using Angular Beautify your application with the UI components built to the material design specification Secure your web application from unauthorized users Create complex forms, taking full advantage of 2-way data binding Test your Angular applications using the Jasmine and Protractor frameworks for better efficiency Learn how to integrate Angular with Bootstrap to create compelling web applications Use Angular built-in classes to apply animation in your app In Detail Got some experience of Angular under your belt? Want to learn everything about using advanced features for developing websites? This book is everything you need for the deep understanding of Angular that will set you apart from the developer crowd. Angular has introduced a new way to build applications. Creating complex and rich web applications, with a lighter resource footprint, has never been easier or faster. Angular is now at release 4, with significant changes through previous versions. This

book has been written and tested for Angular release 4. Angular is a mature technology, and you'll likely have applications built with earlier versions. This book starts by showing you best practices and approaches to migrating your existing Angular applications so that you can be immediately up-to-date. You will take an in-depth look at components and see how to control the user journey in your applications by implementing routing and navigation. You will learn how to work with asynchronous programming by using Observables. To easily build applications that look great, you will learn all about template syntax and how to beautify applications with Material Design. Mastering forms and data binding will further speed up your application development time. Learning about managing services and animations will help you to progressively enhance your applications. Next you'll use native directives to integrate Bootstrap with Angular. You will see the best ways to test your application with the leading options such as Jasmine and Protractor. At the end of the book, you'll learn how to apply design patterns in Angular, and see the benefits they will bring to your development. Style and approach This book provides comprehensive coverage of all aspects of development with Angular. You will learn about all the most powerful Angular concepts, with examples and best practices. This book is everything you need for the deep understanding of Angular that will set you apart from the developer crowd.

There are many powerful open source CMSs available to take the pain away from managing a web site. These systems are feature rich, often easy to use, and free. Unfortunately, there are so many choices it's tough to be sure you're choosing the right one. How can you be sure that you are selecting and working with the right tool? This book will guide you through choosing the right CMS for your needs. You can be confident in your choice of CMS for the needs of your project. It will also help you make a start using the CMS, and give you a feel for what it's like to use it - even before you install it yourself. Are you bewildered by the many open source CMSs available online? Open source CMSs are the best way to create and manage sophisticated web sites. You can create a site that precisely meets your business goals, and keep the site up to date easily because these systems give you full control over every aspect of your site. Because open source CMSs are free to download, you have a huge amount of choice between the various systems. Yet there are many open source CMSs to choose from, each with unique strengths - and occasionally limitations too. Choosing between the bewildering number of options can be tough. Making the wrong choice early on may lead to a lot of wasted work, because you'll have a half-finished site that doesn't meet your initial requirements - and needs to be restarted from scratch. This book will show you how to avoid choosing the wrong CMS. It will guide you through assessing your site requirements, and then using that assessment to identify the CMS that will best fit your needs. It contains discussions of the major CMSs, and the issues that you should consider when choosing: their complexity to use, their features and the power they offer. It discusses technical considerations such as programming languages and compliance with best practice standards in a clear, friendly way that non-technical readers can understand. The book also contains quick-start guides and examples for the most popular CMSs such as WordPress, Joomla!, and Drupal, so that you can experiment with these CMSs, get a feel for how they work, and start using them to build your site. After reading this book, you can be confident that your CMS choice will support your web site's needs because you have carefully assessed your requirements and explored the available options.

Harness the power of Magento 2 – The most recent version of the world's favourite e-Commerce platform for your online store About This Book Set up, configure, and power up your Magento environment from development to production Master the use of Web API to communicate with the Magento system and create custom services Create custom modules from scratch to extend the core functionality of the Magento system Who This Book Is For This book is intended primarily for intermediate to professional-level PHP developers who are interested in Magento development. For backend developers, several topics are covered that

will enable you to modify and extend your Magento 2 store. Frontend developers will also find some coverage on how to customize the look of the site in the frontend. What You Will Learn Set up the development and production environment of Magento 2 Understand the new major concepts and conventions used in Magento 2 Build a miniature yet fully-functional module from scratch to manage your e-commerce platform efficiently Write models and collections to manage and search your entity data Dive into backend development such as creating events, observers, cron jobs, logging, profiling, and messaging features Get to the core of frontend development such as blocks, templates, layouts, and the themes of Magento 2 Use token, session, and OAuth token-based authentication via various flavors of API calls, as well as creating your own APIs Get to grips with testing Magento modules and custom themes, which forms an integral part of development In Detail Magento is one of the most exciting, flexible, and customizable e-commerce systems. It offers you an extensive suite of powerful tools for creating and managing an online store. After years of development, Magento 2 introduces itself with a strong emphasis on modularity, Web API's, automated testing and overall new technology stack platform. The long-awaited Magento 2 release introduces a whole new e-commerce platform to develop online stores. The all new Magento 2 architecture, Web APIs, and a host of other features are equally challenging to master as much as they are exciting to use. This book will ease the learning curve by offering step-by-step guidance on how to extend the core functionality of your Magento 2 store. This book is your one-stop guide to build and customize a quality e-commerce website from the latest version of one of the largest, fastest growing, and most popular e-commerce platforms—Magento 2. We start off with an introduction to the fundamental concepts of Magento to give you a foundation to work from. We then move on to configure the development and basic production environment for Magento. After this, you'll get to grips with the major concepts and conventions that are new to the Magento 2 platform. We then delve deeper to get to the core of automated deployments, persisting data, writing data fixture scripts and applying various backend and frontend modifications. As we near the end of the book, you will learn to make API calls and write automated tests. Finally, you will be guided through building a full-blown helpdesk module from scratch. By the end of this book, you will have learned a wide range of techniques to extend and customize your Magento 2 store to fit the requirements of your business. Style and approach This book is a mix of theoretical and step-by-step approaches, explained in a conversational and easy-to-follow style. Topics are explained sequentially, giving detailed explanations of the basic and advanced features to get you working on Magento 2.

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Completely up-to-date for 2018, *Magento 2 Explained* is a high-quality and fun introduction for beginning Magento users. Learn Magento step-by-step from top trainer and best selling author Stephen Burge. Key Features Up-to-Date: *Magento 2 Explained* is always up-to-date. Clear instruction: You will follow plain English, clear visuals and enjoyable step-by-step instructions. Hands-on learning: Burge helps you master Magento 2 by taking you step-by-step in building a complete Magento site. Book Description Magento 2 is amazingly powerful ecommerce software. But many newcomers find it confusing, and most Magento 2 books are just too complicated to help. If you want to spend less time struggling with complex instructions, and more time building sites that make you proud, this is the book for you! Stephen Burge has taught thousands of beginners - and thousands more who've experimented with Content Management Systems and Magento but haven't mastered the software yet. Nobody knows more about guiding Magento users up the learning curve - from confusion to results! Burge and the OStraining team make learning fun. Like their online training,

you learn by following enjoyable, step-by-step instructions. OStraining books are written in plain English and are supported by plenty of online documentation and videos. *Magento 2 Explained* requires absolutely no experience with Magento, content management, website construction, programming, scripting, or even HTML. Please note: This book is 100% aimed at Magento beginners. *What You'll Learn You'll master* *Magento 2 hands-on*, through a complete case study, crystal-clear visuals, simple explanations, and on-target analogies, all extensively tested with real Magento beginners. Burge walks you through installing Magento 2, planning sites that are easy to use and manage, adding content, and incorporating powerful site features without programming. Finally, Burge shows you how to run your site securely and efficiently, no matter how big or popular it becomes!

**About the Author** Stephen Burge has split his career between teaching and web development. He now runs OStraining.com, which specializes in teaching website development. OStraining.com's clients include Apple, Pfizer, and the U.S. Departments of Energy, Education, and Commerce. Burge's books are some of the world's best-selling guides to the software they cover. His books include: *Joomla Explained* (Addison - Wesley, 2011) *Drupal 7 Explained* (Addison - Wesley, 2013) *Joomla 3 Explained* (Addison - Wesley, 2014) *MySQL Explained* (OStraining, 2015) *Drupal 7 Explained* (OStraining, 2017) *Drupal 8 Explained* (OStraining, 2017) *Joomla 3 Explained* (OStraining, 2017) *Multilingual Joomla Explained* (OStraining, 2017) *Magento Explained* (OStraining, 2017) *WordPress Explained* (OStraining, 2017) *WooCommerce Explained* (OStraining, 2017)

**Discover what you need to know to build your own profitable online stores using the power of Magento 2!**

**About This Book** Set up and manage your very first online store with a friendly and engaging approach using Magento 2 Create your own shipping rates matrix and connect to shippers such as UPS, FedEx, and USPS Create reports to track store sales, customer activity, and statistics

**Who This Book Is For** Have you been trying to create a website without luck using different platforms, but have never tried Magento before? Then this book is for you. Familiarity with programming and Magento 1 will help, but is not a prerequisite.

**What You Will Learn** Build your first web store in Magento 2 Migrate your development environment to a live store Configure your Magento 2 web store the right way, so that your taxes are handled properly Create pages with arbitrary content Create and manage customer contacts and accounts Protect Magento instance admin from unexpected intrusions Set up newsletter and transactional emails so that communication from your website corresponds to the website's look and feel Make the store look good in terms of PCI compliance

**In Detail** Do you have a good product to sell but need your start-up to sell it to your potential customers the right way? Were you unhappy with what Magento 1 had to offer and are looking forward to trying out what Magento 2 provides? If either of these questions ring a bell, then this book is for you! You'll start by getting a general understanding of what Magento is, why and how you should use it, and whether it is possible and feasible to migrate from an old web store to Magento 2. We'll introduce you to the main e-commerce concepts and basic features and let you play with them, so you can get a taste of how catalog and content management works. Following on from that, we'll show you how to tune your store up. You will learn how to get web store offers up and running, how to offer various discounts in the catalog, how to let the customers reduce the total price in the shopping cart by combining different products, and how to



Inventory Explained WooCommerce Store Optimization Explained WooCommerce Security Explained WooCommerce Reviews Explained What's Next? Bonus: WooCommerce Settings Explained Bonus: WooCommerce Programming Explained Effective, readable, and robust codes in PHP About This Book Leverage the newest tools available in PHP 7 to build scalable applications Embrace serverless architecture and the reactive programming paradigm, which are the latest additions to the PHP ecosystem Explore dependency injection and implement design patterns to write elegant code Who This Book Is For This book is for intermediate level developers who want to become a master of PHP. Basic knowledge of PHP is required across areas such as basic syntax, types, variables, constants, expressions, operators, control structures, and functions. What You Will Learn Grasp the current state of PHP language and the PHP standards Effectively implement logging and error handling during development Build services through SOAP and REST and Apache Trift Get to know the benefits of serverless architecture Understand the basic principles of reactive programming to write asynchronous code Practically implement several important design patterns Write efficient code by executing dependency injection See the working of all magic methods Handle the command-line area tools and processes Control the development process with proper debugging and profiling In Detail PHP is a server-side scripting language that is widely used for web development. With this book, you will get a deep understanding of the advanced programming concepts in PHP and how to apply it practically The book starts by unveiling the new features of PHP 7 and walks you through several important standards set by PHP Framework Interop Group (PHP-FIG). You'll see, in detail, the working of all magic methods, and the importance of effective PHP OOP concepts, which will enable you to write effective PHP code. You will find out how to implement design patterns and resolve dependencies to make your code base more elegant and readable. You will also build web services alongside microservices architecture, interact with databases, and work around third-party packages to enrich applications. This book delves into the details of PHP performance optimization. You will learn about serverless architecture and the reactive programming paradigm that found its way in the PHP ecosystem. The book also explores the best ways of testing your code, debugging, tracing, profiling, and deploying your PHP application. By the end of the book, you will be able to create readable, reliable, and robust applications in PHP to meet modern day requirements in the software industry. Style and approach This is a comprehensive, step-by-step practical guide to developing scalable applications using PHP 7.1

Learn the principles necessary to create powerful extensions through the new Magento 2 e-commerce platform About This Book\* Customize Magento 2 in an efficient and effective way through this example-based guide\* Differentiate between the Magento 1.x and new Magento 2 platforms to stay ahead of the game\* Gain an understanding of techniques used to create rich and deep integrations with the platform Who This Book Is For This book is for those who wish to develop Magento 2 extensions. The book does assume some previous Magento 1.x knowledge, as it makes parallels from the first platform. What You Will Learn\* Install the new platform for development through the use of virtualization technology\* Get to grips with creating your first skeleton module\* Get to know about the main ways to customize Magento 2 through the use of plugins and events\* Understand how to use the ORM and data models and how to create your own\*



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solution, along with detailed explanations of the basic and advanced features of Magento 2.

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