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Motivation is key to substance use behavior change. Counselors can support clients' movement toward positive changes in their substance use by identifying and enhancing motivation that already exists. Motivational approaches are based on the principles of person-centered counseling. Counselors' use of empathy, not authority and power, is key to enhancing clients' motivation to change. Clients are experts in their own recovery from SUDs. Counselors should engage them in collaborative partnerships. Ambivalence about change is normal. Resistance to change is an expression of ambivalence about change, not a client trait or characteristic. Confrontational approaches increase client resistance and discord in the counseling relationship. Motivational approaches explore ambivalence in a nonjudgmental and compassionate way. At last: Drupal made truly easy! Master Drupal 7 hands-on, step-by-step, through easy examples from a leading Drupal trainer! Drupal 7 is an amazingly powerful web content management system. But many newcomers find it confusing, and most Drupal 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! Top Drupal trainer Stephen Burge teaches everything you need to know—and nothing you don't need to know! You'll master Drupal one easy step at a time, through a complete, real-world sample project. You'll find crystal-clear visuals, simple explanations, perfect analogies—all extensively tested with real Drupal beginners. This Guide's quick, easy coverage includes

- Planning a site that will be easy to build and manage
- Installing Drupal and setting it up to work reliably and securely
- Quickly finding the Drupal tools and features you're looking for
- Mastering an easy 3-step workflow for creating new content
- Delivering more interesting content with fields and new content types
- Creating intuitive site structures and user navigation
- Adding powerful site features with just a few clicks
- Completely redesigning your site in minutes with Themes
- Adding site search, registration, and more
- Presenting content in tables, lists, grids, or photo galleries
- Creating advanced layouts and 2- or 3-column designs
- Controlling what users on your site can see and do
- Preparing your site for launch
- Administering and updating a live site efficiently and safely

Drupal 7 Explained requires absolutely no experience with Drupal, content management, website construction, programming, scripting, or even HTML. Stephen Burge has taught thousands of beginners—and thousands more who've experimented with Drupal but haven't mastered it yet. Nobody knows more about guiding Drupal users up the learning curve—from confusion to results! You know Drupal is the best web publishing platform on Planet. You have started using Drupal 7, built a site or two, and maybe even written a module. But if you don't know Drupal's essential modules inside out, you don't know Drupal. With this book you will learn:

- * how to rewrite fields and combine contextual filters with Views
- * how to set up Flag and access its data using views relationships
- * how to automate and schedule customized reactions on your site using Rules
- * how to use Page manager to master contextual information

on your site * how to use Panels and Views content panes to display the right data in the right places. Take your Drupal skills even further with valuable tricks for making site building truly efficient. In this concise guide—the third in a series by award-winning designer Dani Nordin—you'll learn how to set up your own development environment, quickly update your modules, and use version control to protect yourself from bonehead mistakes. Handle repetitive tasks with ease, avoid hours of frustration, and devote more time to pushing the envelope of Drupal design—just by picking up the basics of a few developer tools. It's much more than simple coding; it's real, honest-to-goodness developer Ninja Magick. Learn basic commands and use them in Drupal on the command line Set up your local development environment, and learn ways to collaborate on code with others Download modules, themes, libraries, and more with Drush, the Drupal shell Use Git, the free version control system, and create a GitHub account Pack content types, views, and other functionality you use often into a custom module with Features Drupal made easy, by top Drupal trainer Stephen Burge, who teaches everything a student needs to know—and nothing they don't need to know! They'll master Drupal one easy step at a time, through a complete, real-world sample project. With crystal-clear visuals, simple explanations, perfect analogies, Drupal 7 Explained guides students up the learning curve—from confusion to results! Follow the fun example of a family pizza restaurant to help you adapt your own website to one that is fullyfunctional in a mobile environment. Each chapter covers a different aspect of mobile web development with plenty of step-by-step instructions and screenshots to make things clearer. This book is for independent developers who may or may not have had experience with Drupal websites. We take some “deep dives” into customized functionality that will take your Drupal development and your development workflow to the next level. “Even if you're already a seasoned Drupal user of CCK, Views, or Panels, I've no doubt that this book will provide you with several new techniques and methods for getting the most out of these extremely essential modules. It certainly has for me.” —Dries Buytaert, founder and project lead of Drupal, and CTO of Acquia With Drupal, Web professionals can create full-featured Web sites with just a few clicks. Drupal's core is compact and well documented, but much of Drupal's immense power lies elsewhere—in external modules. Drupal's Building Blocks is an authoritative tutorial, reference, and cookbook for Drupal's most valuable modules. The authors are Drupal insiders who've spent years creating and supporting these modules—Earl Miles, developer of the Views and Panels modules, and Lynette Miles, Drupal documentation team member. They've brought together indispensable information you won't find anywhere else, as well as extensive sample “recipe” code designed for easy adaptation and reuse. Learn how to Use Content Construction Kit (CCK) to customize your data input forms around your needs Improve site flexibility with Drupal's node system Add optional field types, including PHP-based fields Customize themes to display data more attractively and legibly Build powerful Views query displays Integrate with SQL databases Customize Views with relationships, arguments, and filters Optimize query performance Add custom styles with the Panels module Maintain full control over sites as you deploy into production This book will help you create more powerful, flexible, usable, and manageable Web sites—whether you're a Web developer, designer, administrator, architect, or consultant. The accompanying Web site contains all examples, code, and themes presented in this book. Beginning Drupal 8 teaches you how to build, maintain, and manage Drupal 8-based web sites. The book covers what Drupal is, using Drupal when building a new web site, installing and configuring Drupal, creating and managing content, managing users, adding functionality to your web site through Drupal modules, and advanced topics on using themes, panels, and views. The book also builds practical examples of common Drupal sites, such as a company website, a community website, and a commerce website, that you can take and expand on to create your own Drupal 8 sites. By reading this book, you will understand the power of the Drupal platform, and why you should be using Drupal if you're not already. Through following the samples in the book, you will quickly build your confidence and your ability to use Drupal. Beginning Drupal 8 gives you the knowledge necessary to build, deploy, and manage web sites on Drupal 8. A practical book with plenty

of screenshots to guide you through the many features of multilingual Drupal. A demo ecommerce site is provided if you want to practice on a sample site, although you can apply the techniques learnt in the book directly to your site too. Any Drupal users who know the basics of building a Drupal site and are familiar with the Drupal UI, will benefit from this book. No previous knowledge of localization or internationalization is required. Filled with practical examples, this book helps you to understand the logic behind the theming system employed in Drupal, and how to make it work for you. You will learn key concepts and work through examples with careful, step-by-step instructions. The main requirements to make use of this book are knowledge of HTML, CSS, and a touch of creativity. You don't need to know anything about theming in Drupal; all you need is basic experience of working with Drupal. Although this book aims to make Drupal theming accessible to designers, theming in Drupal 7 involves writing some PHP code, and a basic knowledge of PHP will be helpful. Regardless of your technical skills, this book will teach you to design themes for your Drupal websites quickly and easily. With detailed step-by-step instructions and the required screenshots, this Cookbook guides you in learning all that you wanted to know about Drupal Webform. Written as a guide for internet users and developers alike, the Drupal 7 Webform Cookbook gives you the tools needed to turn your Drupal website into an information-gathering superhighway. Basic knowledge of Drupal is required. If you're a solo website designer or part of a small team itching to build interesting projects with Drupal, this concise guide will get you started. Drupal's learning curve has thrown off many experienced designers, particularly the way it handles design challenges. This book shows you the lifecycle of a typical Drupal project, with emphasis on the early stages of site planning. Learn how to efficiently estimate and set up your own project, so you can focus on ways to make your vision a reality, rather than let project management details constantly distract you. Plan and estimate your project by discovering your client's goals and audience perceptions Discover how Drupal works under the hood, and learn basic DrupalSpeak Frame the UX design challenge through a deeper understanding of your site's intended users Get real content for your project as early as possible—before you start prototyping Choose the right modules for your project, and learn about several go-to modules Understand how to walk clients through the Drupal design and development process Build and customize powerful Drupal modules to extend your website's functionalities with this comprehensive guide Purchase of the print or Kindle book includes a free PDF eBook Key Features: Explore the new features and improved capabilities of Drupal 10 core Discover Drupal APIs and elevate your proficiency by leveraging PHP coding Implement efficient data management and data security by creating dedicated modules Book Description: Embark on a journey of Drupal module development with the latest edition of this must-have guide written by Daniel Sipos - a Drupal community member! This fourth edition is meticulously revised to cover the latest Drupal 10 enhancements that will help you build custom Drupal modules with an understanding of code deprecations, changing architecture, data modeling, multilingual ecosystem, and so on. You'll begin with understanding the core components of Drupal 10 architecture, discovering its subsystems and unlocking the secrets of creating your first Drupal module. Further, you'll delve into Drupal logging and mailing systems, creating theme hooks, and rendering a layout. As you progress, you'll work with different types of data storage, custom entities, field types, and work with Database APIs for lower-level database queries. You'll learn to reap the power of JavaScript and ensure that your code works seamlessly on multilingual sites. You'll also learn to create custom views, automate tests for your functionalities, and write secure code for your Drupal apps. By the end of this book, you'll have gained confidence in developing complex modules that can solve even the most complex business problems and might even become a valuable contributor to the Drupal community! What You Will Learn: Gain insight into the Drupal 10 architecture for developing advanced modules Master different Drupal 10 subsystems and APIs Optimize data management by modeling, storing, manipulating, and processing data efficiently Present data and content cleanly and securely using the theme system Understand helpful functions while dealing with managed and unmanaged files Ensure your Drupal app has business logic integrity with automated testing Implement secure coding in Drupal Who this book is for: If you are a Drupal developer looking to create custom modules for Drupal sites and cater business needs, this book is the one-stop solution for you. Drupal 10 Module Development will be helpful for Drupal site builders and PHP developers with basic object-oriented programming skills, looking to upskill themselves in Drupal module development. A basic working

experience with Symfony will be helpful but not mandatory. 4. Drupal 7 Administration; New administration interface; Administration toolbar; Dashboard; Overlay window; Appearance section; Installing and updating themes and modules; Installing new themes and modules; Updating themes and modules; People section; Modules section; Configuration section; Configuring settings; Regional and language; Regional settings; Date and time; Language; Translate interface; Search and metadata; Clean URLs; Search settings; URL aliases; Development; Logging and errors; Maintenance mode; Performance; Testing; Media section; File system; Image styles. The Definitive Guide to Drupal 7 is the most comprehensive book for getting sites done using the powerful and extensible Drupal content management system. Written by a panel of expert authors, the book covers every aspect of Drupal, from planning a successful project all the way up to making a living from designing Drupal sites and to contributing to the Drupal community yourself. With this book you will: Follow practical approaches to solving many online communication needs with Drupal with real examples. Learn how to keep learning about Drupal: administration, development, theming, design, and architecture. Go beyond the code to engage with the Drupal community as a contributing member and to do Drupal sustainably as a business. The Definitive Guide to Drupal 7 was written by the following team of expert Drupal authors: Benjamin Melançon, Jacine Luisi, Károly Négyesi, Greg Anderson, Bojhan Somers, Stéphane Corlosquet, Stefan Freudenberg, Michelle Lauer, Ed Carlevale, Florian Lorétan, Dani Nordin, Ryan Szrama, Susan Stewart, Jake Strawn, Brian Travis, Dan Hakimzadeh, Amye Scavarda, Albert Albala, Allie Micka, Robert Douglass, Robin Monks, Roy Scholten, Peter Wolanin, Kay VanValkenburgh, Greg Stout, Kasey Qynn Dolin, Mike Gifford, Claudina Sarahe, Sam Boyer, and Forest Mars, with contributions from George Cassie, Mike Ryan, Nathaniel Catchpole, and Dmitri Gaskin. For more information, check out the Drupaleasy podcast #63, in which author Benjamin Melançon discusses The Definitive Guide to Drupal 7 in great detail: <http://drupaleasy.com/podcast/2011/08/drupaleasy-podcast-63-epic> How can you help your Drupal website continue to perform at the highest level as it grows to meet demand? This comprehensive guide provides best practices, examples, and in-depth explanations for solving several performance and scalability issues. You'll learn how to apply coding and infrastructure techniques to Drupal internals, application performance, databases, web servers, and performance analysis. Covering Drupal versions 7 and 8, this book is the ideal reference for everything from site deployment to implementing specific technologies such as Varnish, memcache, or Solr. If you have a basic understanding of Drupal and the Linux-Apache-MySQL-PHP (LAMP) stack, you're ready to get started. Establish a performance baseline and define goals for improvement Optimize your website's code and front-end performance Get best and worst practices for customizing Drupal core functionality Apply infrastructure design techniques to launch or expand a site Use tools to configure, monitor, and optimize MySQL performance Employ alternative storage and backend search options as your site grows Tune your web servers through httpd and PHP configuration Monitor services and perform load tests to catch problems before they become critical This book takes a hands-on, practical approach to software development. The authors, all professional Drupal developers and contributors to the Drupal project, provide accessible coding samples designed to exhibit not only the technical merits and abilities of Drupal, but also proper architectural and stylistic approaches to coding on one of the world's most popular content management systems. Every chapter provides fully functional code samples illustrating the APIs and strategies discussed in the chapter. With this foundation, developers can quickly build sophisticated tools on their own by making use of the strategies and techniques exemplified in this book. If you are a PHP developer or a Drupal user looking to dive into Drupal development then you will find this book an excellent introduction to coding within Drupal. Those with some Drupal experience will also find this an invaluable tool for updating their knowledge about the powerful new features of Drupal 7. Theme developers looking to extend their abilities will find this an accessible introduction to PHP coding within the Drupal environment. This book assumes that you are familiar with basic PHP programming, along with HTML and CSS. No experience with programming Drupal is required, although it is also a handy way for experienced Drupal developers to get up to speed with Drupal 7. Learn to create and customize impressive Drupal 8 modules to extend your website's functionalities About This Book Unleash the power of Drupal 8 programming by creating efficient modules and extensions Explore a plethora of Drupal 8 APIs and get the best out of them using the power of PHP coding Learn to implement efficient data management and data security by creating dedicated modules for it. Who This Book Is For

The primary target of this book is Drupal developers who want to learn how to write modules and carry out development in Drupal 8. It is also intended for Drupal site builders and PHP developers who have basic Object Oriented Programming skills. A little bit of Symfony experience is helpful but not mandatory. What You Will Learn Write a Drupal 8 module with custom functionality and hook into various extension points Master numerous Drupal 8 sub-systems and APIs Model, store, and manipulate data in various ways and for various purposes Display data and content in a presentable and secure way Learn about the theme system and render arrays In Detail Drupal is an open source web-based content management system (CMS) that can be used for building anything from simple websites to complex applications. It enables individuals and organizations to build platforms that engage users and deliver the right content at the right time. Drupal 8 is an exciting new development in the Drupal community. However, the differences from the previous version are substantial and this can put quite some pressure on Drupal 7 developers that need to catch up. This book aims to help such developers in getting up to speed with Drupal 8 module development. The book first introduces you to the Drupal 8 architecture and its subsystems before diving into creating your first module with basic functionality. Building upon that, you will cover many core APIs and functionalities available to module developers. You will work with the Drupal logging and mailing systems, learn how to output data using the theme layer and work with menus and links programmatically. Then, you will learn how to work with different kinds of data storages, create custom entities, field types and leverage the Database API for lower level database queries. Moreover, you will learn about the Drupal 8 access system and caching layer as well as the APIs used for data processing (queues and batches). You will further see how to introduce javascript into your module, work with the various file systems and ensure the code you write works on multilingual sites. Finally, you will learn how to programmatically work with Views, write automated tests for your functionality and also write secure code in general. By the end of the book, you will have learned how to develop your own custom module from scratch that can help solve a small problem or even provide complex functionality. And who knows, maybe you'll even contribute it back to the Drupal community. Style and approach This book aims to introduce PHP developers to programming concepts specific to Drupal 8 to get them started on writing their own functionality with Drupal 8 and create efficient Drupal 8 modules and extensions. Mastering Drupal can lead to a mighty website - discover what Drupal 8 can really do with hidden techniques, best practices, and more! About This Book The most up-to-date advanced practical guide on Drupal 8 with an in-depth look at all the advanced new features such as authoring, HTML markup, built-in web services, and more If you are looking to dive deep into Drupal 8 and create industry-standard web apps, then this is the ideal book for you All the code and examples are explained in great detail to help you in the development process Who This Book Is For This book is ideally suited to web developers, designers, and web administrators who want to dive deep into Drupal. Previous experience with Drupal is a must to unleash the full potential of this book. What You Will Learn Discover how to better manage content using custom blocks and views Display content in multiple ways, taking advantage of display modes Create custom modules with YAML and Symfony 2 Easily translate content using the new multilingual capabilities Use RESTful services and JavaScript frameworks to build headless websites Manage Drupal configuration from one server to another easily In Detail Drupal is an open source content management system trusted by governments and organizations around the globe to run their websites. It brings with it extensive content authoring tools, reliable performance, and a proven track record of security. The community of more than 1,000,000 developers, designers, editors, and others have developed and maintained a wealth of modules, themes, and other add-ons to help you build a dynamic web experience. Drupal 8 is the latest release of the Drupal built on the Symfony2 framework. This is the largest change to the Drupal project in its history. The entire API of Drupal has been rebuilt using Symfony and everything from the administrative UI to themes to custom module development has been affected. This book will cover everything you need to plan and build a complete website using Drupal 8. It will provide a clear and concise walkthrough of the more than 200 new features and improvements introduced in Drupal core. In this book, you will learn advanced site building techniques, create and modify themes using Twig, create custom modules using the new Drupal API, explore the new REST and Multilingual functionality, import, and export Configuration, and learn how to migrate from earlier versions of Drupal. Style and approach This book takes a practical approach with equal emphasis on examples and illustrative

screenshots. This book is packed with clear instructions and careful explanations for creating a powerful Social Networking web site using Drupal 6. With each chapter, you add new features and content until the Social Network is ready to be released to the Internet where it can grow. By the end of this book, you will have a powerful Social Network either like that of the case-study, or of your own design based on the setup and features the book walks through. This book is aimed at anyone looking to create their own social networking web site, including: Businesses - building a Social Network around a product or service can improve your company profile and increase customer loyalty. Alternatively, an internal social network gives you employees a place to keep resources, discuss ideas, raise concerns, and keep up to date on company policies. Hobbyists - create a community around your hobbies and interests; create a local or distributed user group. Organisations & Charities - Raise your profile, promote your events / services / fundraisers and get help from the community in organizing them. Families - For large families based across the country or across the globe, keep up to date with everyone, and let everyone know what you are up to. You don't need any experience of Drupal or PHP to use this book. If you are a Drupal user you will find this book a great way to rapidly tailor an existing installation into a social-orientated web site. This book takes a step-by-step approach to building a complete business website using Drupal and enhancing it to include modern technology used by cutting-edge companies. All instructions are written in such a way that they make sense to readers of any technical level. This book is for anyone who wants to learn how to set up a website quickly for their business using the super powerful Drupal open source content management software. A project-based guide that will show you how to create 7 professional Drupal sites About This Book Create and design your own customized website effortlessly and efficiently This up-to-date guide on Drupal 8 will show you how you can leverage the latest Drupal 8 features This hands-on guide will turn you into a professional grade Drupal 8 developer through 7 unique and engaging web sites Who This Book Is For This book is ideal for web developers who are looking to create professional web applications using Drupal 8. You should have some previous experience with Drupal and must have a basic knowledge of web application development in general. If you are looking to create fluent professional websites that will take you to the next level, then this book is for you. What You Will Learn Find out how to use the Drupal 8 core functionality to build great websites Discover how to better manage content using custom blocks and views Display content in multiple ways, taking advantage of display modes Using the new TWIG theme engine for Drupal Easily manage and filter content Understanding best practices for building great Drupal sites Move beyond Drupal to build headless websites using RESTful services and JavaScript frameworks In Detail Drupal is an open source content management framework that can be used for developing websites and simplifying online management of content for users. This book is a must-have for web developers who are looking to create professional-grade websites using Drupal 8. While building 7 different Drupal websites, we will focus on implementing the out of the box features that come with Drupal 8 and see how we can make some complex sites with minimal custom code. Focusing completely on Drupal 8, this book will help you leverage the new Drupal 8 features such as creating a different types and layouts of content using configuration to build in core with its built-in web services facilities, and effortless authoring using the new CKEditor with an effortless and efficient industry standard approach. The book starts with getting started with the development environment of Drupal. Each chapter will start with a brief overview of the site to be built and the required features. Then, we will proceed to create customized modules and themes and integrate third-party plugins. Lastly, you will learn about "headless" Drupal that uses RESTful services that would help you to display content outside of Drupal By the end of the book, you will be able to implement the knowledge gained to build your own custom websites using Drupal 8. Style and approach This unique, project-based resource on Drupal 8 website development will show you how to leverage Drupal 8's features to create customized, professional-grade applications efficiently and effectively. Learn to create and customize impressive Drupal 8 modules to extend your website's functionalities Key Features Explore a plethora of Drupal 8 APIs and get the best out of them using the power of PHP coding Learn to implement efficient data management and data security by creating dedicated modules for it. Stay up to date with the changes introduced in the new Drupal 8 releases Book Description Drupal 8 comes with a release cycle that allows for new functionality to be added at a much faster pace. However, this also means code deprecations and changing architecture that you need to stay on top of. This book updates the first edition and includes

the new functionality introduced in versions up to, and including 8.7. The book will first introduce you to the Drupal 8 architecture and its subsystems before diving into creating your first module with basic functionality. You will work with the Drupal logging and mailing systems, learn how to output data using the theme layer and work with menus and links programmatically. Then, you will learn how to work with different kinds of data storages, create custom entities, field types and leverage the Database API for lower level database queries. You will further see how to introduce JavaScript into your module, work with the various file systems and ensure the code you write works on multilingual sites. Finally, you will learn how to programmatically work with Views, write automated tests for your functionality and also write secure code in general. By the end, you will have learned how to develop your own custom module that can provide complex business solutions. And who knows, maybe you'll even contribute it back to the Drupal community.

Foreword by Dries Buytaert, founder of Drupal. What you will learn

- Develop Drupal 8 modules that do all the things you want
- Master numerous Drupal 8 sub-systems and APIs in the process
- Model, store, manipulate and process data to serve your purposes
- Display data and content in a clean and secure way using the Drupal 8 theme system
- Test your business logic to prevent regressions
- Stay ahead of the curve and write code following the current best practices

Who this book is for

The primary target of this book is Drupal developers who want to learn how to write modules and develop in Drupal 8. It is also intended for Drupal site builders and PHP developers who have basic Object Oriented Programming skills. A little bit of Symfony experience is helpful but not mandatory.

"Raymond Chen is the original raconteur of Windows." -- Scott Hanselman, ComputerZen.com "Raymond has been at Microsoft for many years and has seen many nuances of Windows that others could only ever hope to get a glimpse of. With this book, Raymond shares his knowledge, experience, and anecdotal stories, allowing all of us to get a better understanding of the operating system that affects millions of people every day. This book has something for everyone, is a casual read, and I highly recommend it!" --Jeffrey Richter, Author/Consultant, Cofounder of Wintellect "Very interesting read. Raymond tells the inside story of why Windows is the way it is." --Eric Gunnerson, Program Manager, Microsoft Corporation "Absolutely essential reading for understanding the history of Windows, its intricacies and quirks, and why they came about." --Matt Pietrek, MSDN Magazine's Under the Hood Columnist "Raymond Chen has become something of a legend in the software industry, and in this book you'll discover why. From his high-level reminiscences on the design of the Windows Start button to his low-level discussions of GlobalAlloc that only your inner-geek could love, The Old New Thing is a captivating collection of anecdotes that will help you to truly appreciate the difficulty inherent in designing and writing quality software." --Stephen Toub, Technical Editor, MSDN Magazine

Why does Windows work the way it does? Why is Shut Down on the Start menu? (And why is there a Start button, anyway?) How can I tap into the dialog loop? Why does the GetWindowText function behave so strangely? Why are registry files called "hives"? Many of Windows' quirks have perfectly logical explanations, rooted in history. Understand them, and you'll be more productive and a lot less frustrated. Raymond Chen--who's spent more than a decade on Microsoft's Windows development team--reveals the "hidden Windows" you need to know. Chen's engaging style, deep insight, and thoughtful humor have made him one of the world's premier technology bloggers. Here he brings together behind-the-scenes explanations, invaluable technical advice, and illuminating anecdotes that bring Windows to life--and help you make the most of it. A few of the things you'll find inside:

- What vending machines can teach you about effective user interfaces
- A deeper understanding of window and dialog management
- Why performance optimization can be so counterintuitive
- A peek at the underbelly of COM objects and the Visual C++ compiler
- Key details about backwards compatibility--what Windows does and why
- Windows program security holes most developers don't know about
- How to make your program a better Windows citizen
- Gain a clear understanding of the most important concepts in the decoupled CMS landscape. You will learn how to architect and implement decoupled Drupal architectures across the stack—from building the back end and designing APIs to integrating with front-end technologies. You'll also review presenting data through consumer applications in widely adopted technologies such as Angular, Ember, React, and Vue.js. Featuring a foreword by Drupal founder and project lead Dries Buytaert, the first part of this book chronicles the history of the CMS and the server-client divide, analyzes the risks and rewards of decoupled CMS architectures, and presents architectural patterns. From there, the book explores the core and contributed landscape for decoupled

Drupal, authentication mechanisms, and the surrounding tooling ecosystem before delving into consumer implementations in a variety of technologies. Finally, a series of chapters on advanced topics feature the Drupal REST plugin system, schemas and generated documentation, and caching. Several projects point to a decoupled future for Drupal, including the Contenta CMS and work to modernize Drupal's JavaScript using React. Begin learning about these and other exciting developments with Decoupled Drupal today.

What You'll Learn

- Evaluate the risks and rewards of decoupled Drupal and classify its architectures
- Authenticate requests to Drupal using OAuth, JWT, and Basic Authentication
- Consume and manipulate Drupal content via API through HTTP requests
- Integrate with other consumer applications for native mobile and desktop as well as set-top boxes (Roku, Apple TV, Samsung TV)
- Add new resources to Drupal's REST API using the REST plugin system
- Generate API documentation that complies with the OpenAPI (Swagger) standard

Who This Book Is For

Those with some exposure to CMSes like WordPress and Drupal and those who wish to follow along with JavaScript application development will benefit. A familiarity with API-first or services-oriented architectures is helpful but not presumed. "Principles, Practices, and Pitfalls"--Cover. This book is written for PHP developers who want to add custom features to Drupal. You will need to know the basics of PHP and MySQL programming, but no experience of programming Drupal is required, although you will be expected to be familiar with the basic operation of Drupal.

Pro Drupal 7 Development

updates the most popular development reference for the release of Drupal 7. With several new and completely-rewritten essential APIs and improvements in Drupal 7, this book will not only teach developers how to write modules ranging from simple to complex, but also how Drupal itself works. Learn the Drupal APIs and major changes in Drupal 7

Learn how to write Drupal modules using the APIs

Learn proper development practices and how to become a contributing community member

This series contains over 120 videos and 12 hours of content, covering the most essential aspects of Drupal development, from setting up module scaffolding to working with forms and the database to working with jQuery and JavaScript. This library is a must-have for all developers. A thorough introduction that lessens the learning curve to building sites with Drupal 7

Drupal 7 is the latest version of the free, open source content management system Drupal. A powerful content management system and framework Drupal has an unfortunate reputation of having a steep learning curve. This guide to Drupal 7 methodically demystifies Drupal and shortening the learning curve. Author Jacob Redding is deeply embedded in the Drupal community, and walks first-time Drupal developers through the installation and configuration of a Drupal system. In-depth information on key areas of Drupal explore the Drupal hook system, Drupal's theming layer, and Drupal's API. You'll also get sample code, and lessons that guide you through various aspects of Drupal. Introduces you to every aspect of Drupal 7

Demystifies key areas of Drupal and shortens the learning curve for even the most novice beginner

Features lessons and sample code that offer extra insight into a Drupal web site

Exploring simple single website installations and more advanced multiple site installations that share users and/or content. Addresses how to use Drupal's theming layer to your advantage. With this comprehensive and clear book by your side, you will quickly learn to leverage Drupal's impressive power. Provides information on using Drupal to build such Web sites as a wiki, a photo gallery, and an online store. This book focuses on the nontechnical user who is responsible for building, maintaining, and managing Drupal web sites. The book covers why you should consider using Drupal when building a new web site, what Drupal is, installing and configuring Drupal, creating and managing content, managing users, adding functionality to your web site through Drupal modules, and more advanced topics on using themes, panels, and views. By reading this book, you will:

- Understand why you should use Drupal and the power of the platform.
- Quickly build confidence in your ability to use Drupal.
- Gain the knowledge necessary to build, deploy, and manage web sites of moderate complexity on Drupal 7. This is a practical, hands-on guide packed with examples that will help you build rich Drupal 7 media web applications.

If you are a Drupal site builder and you wish to spice up your web applications with rich media content, then this book is for you. A basic understanding of HTML, JavaScript, and basic PHP module development in Drupal would be helpful, but is not necessary.

Build and extend flexible Drupal sites and applications with this up-to-date, expert guide to Drupal 9

module development

Key Features

- Explore the essential Drupal 9 APIs for module development
- Learn how to implement data modeling, caching, architecture, and much more in your Drupal applications
- Discover what's new in the latest Drupal core releases

Book Description

With its latest release, Drupal 9, the popular

open source CMS platform has been updated with new functionalities for building complex Drupal apps with ease. This third edition of the Drupal Module Development guide covers these new Drupal features, helping you to stay on top of code deprecations and the changing architecture with every release. The book starts by introducing you to the Drupal 9 architecture and its subsystems before showing you how to create your first module with basic functionality. You'll explore the Drupal logging and mailing systems, learn how to output data using the theme layer, and work with menus and links programmatically. Once you've understood the different kinds of data storage, this Drupal guide will demonstrate how to create custom entities and field types and leverage the Database API for lower-level database queries. You'll also learn how to introduce JavaScript into your module, work with various file systems, and ensure that your code works on multilingual sites. Finally, you'll work with Views, create automated tests for your functionality, and write secure code. By the end of the book, you'll have learned how to develop custom modules that can provide solutions to complex business problems, and who knows, maybe you'll even contribute to the Drupal community! What you will learn Develop custom Drupal 9 modules for your applications Master different Drupal 9 subsystems and APIs Model, store, manipulate, and process data for effective data management Display data and content in a clean and secure way using the theme system Test your business logic to prevent regression Stay ahead of the curve and write PHP code by implementing best practices Who this book is for If you are a Drupal developer looking to learn Drupal 9 to write modules for your sites, this book is for you. Drupal site builders and PHP developers with basic object-oriented programming skills will also find this book helpful. Although not necessary, some Symfony experience will help with understanding concepts easily. Successfully architect a Drupal 8 website that scales to meet project requirements of any size and scope. Starting with a one-chapter review of Drupal basics, you'll dive into deeper topics including software development processes, architecting a Drupal site, scaling Drupal, working effectively with themes, and more. In addition to a thorough discussion of custom module development and how to develop modules as building blocks, you'll also review many common ways of integrating Drupal with other 3rd party systems. Building and maintaining an enterprise-ready Drupal website presents a unique set of challenges and complexities. From development processes and content management to deployments, version control and more, all aspects of Drupal development are impacted when two or more developers are on a project. If you are involved in a Drupal project that requires frequent updates and long-term support from a team of developers, system administrators, and end-users, Enterprise Drupal 8 Development is for you. Whether you're an experienced Drupal developer looking to expand your skills, a systems administrator managing a Drupal project, or a PHP developer new to Drupal, Enterprise Drupal 8 Development will give you the knowledge and inspiration you need to manage large and complex projects. What You'll Learn Architect Drupal for development teams and apply best practices for large Drupal projects Integrate 3rd party applications with Drupal Manage content, code, and configuration across multiple staging environments Build a consistent user experience for administrators and content creators Who This Book Is For The primary audience is intermediate to advanced Drupal developers who are working on large-scale Drupal projects and advanced PHP developers new to Drupal The secondary audience is IT Professionals such as Systems Administrators managing Drupal projects Build and extend flexible Drupal sites and applications with this up-to-date, expert guide to Drupal 9 module development Key Features Explore the essential Drupal 9 APIs for module development Learn how to implement data modeling, caching, architecture, and much more in your Drupal applications Discover what's new in the latest Drupal core releases Book Description With its latest release, Drupal 9, the popular open source CMS platform has been updated with new functionalities for building complex Drupal apps with ease. 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multilingual sites. Finally, you'll work with Views, create automated tests for your functionality, and write secure code. By the end of the book, you'll have learned how to develop custom modules that can provide solutions to complex business problems, and who knows, maybe you'll even contribute to the Drupal community! What you will learn Develop custom Drupal 9 modules for your applications Master different Drupal 9 subsystems and APIs Model, store, manipulate, and process data for effective data management Display data and content in a clean and secure way using the theme system Test your business logic to prevent regression Stay ahead of the curve and write PHP code by implementing best practices Who this book is for If you are a Drupal developer looking to learn Drupal 9 to write modules for your sites, this book is for you. Drupal site builders and PHP developers with basic object-oriented programming skills will also find this book helpful. Although not necessary, some Symfony experience will help with understanding concepts easily. Drupal 7 opens the door for you as a Windows developer to build Drupal sites—including custom modules—all without leaving Visual Studio! Pro Drupal 7 for Windows Developers gives you everything you need to know to achieve this, whilst drilling down into the advanced topics that you'll want to master whilst working with Drupal 7 as a Windows developer. Pro Drupal 7 for Windows Developers starts with the Drupal page model, which Windows programmers can contrast against the ASP.NET page model. You will then explore the various features of Drupal, including the hook model, theming, roles, and caching. You'll also discover the data abstraction layer which lays the foundation for integration with your enterprise-level databases and external systems. Pro Drupal 7 for Windows Developers focuses on the important topics for the programmer coming to Drupal: An up-to-speed introduction to Drupal for developers so that they can get past the initial learning curve most efficiently. Key introductions to the important features of Drupal, including the page model, the hook architecture, the theming layer, and custom module development. How to work with the Drupal 7 features you want to work with within the Windows development environment. Step-by-step tutorials on building, testing, and deploying custom modules for internal use or for sharing with the Drupal community. Pro Drupal 7 for Windows Developers provides a bridge to Drupal for you as a Windows developer—by speaking your language! This book focuses on the nontechnical user who is responsible for building, maintaining, and managing Drupal web sites. The book covers why you should consider using Drupal when building a new web site, what Drupal is, installing and configuring Drupal, creating and managing content, managing users, adding functionality to your web site through Drupal modules, and more advanced topics on using themes, panels, and views. By reading this book, you will: Understand why you should use Drupal and the power of the platform. Quickly build confidence in your ability to use Drupal. Gain the knowledge necessary to build, deploy, and manage web sites of moderate complexity on Drupal 7.

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