

Pro Drupal Development Learn How To Use The Content Management Framework Create Powerful Customized Web Sites John K Vandyk

Drupal is a free and open-source content management system (CMS) that many libraries use to create well-designed, easy-to-use and manage websites. Ken Varnum guides you step by step through the decisions and tasks needed to develop and launch a Drupal-powered site and learn the advantages of the open source approach. The book offers hints and suggestions to work with your IT department, colleagues, and management as you develop your technical specifications. The implementation chapter guides you through installing Drupal, adding modules, developing your own themes (page layouts), and describes librarian created modules that have been shared with the community and can be downloaded and installed on anyone's site. You also get advice on marketing your site, best practices for project management and development, and measuring the success and impact of the site once it launches.

A project-based guide that will show you how to create 8-10 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 8-10 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* Use the new YAML configuration to create responsive themes* Easily translate content using the new multilingual capabilities* Easily manage Drupal's configuration from one server to another* Move beyond Drupal to build headless websites using RESTful services and JavaScript frameworks
In Detail
This book is a must-have for web developers who are looking to create professional-grade websites using Drupal 8. While building 8-10 different Drupal websites, we will focus on implementing Drupal's features and its multiple plugins in customized ways. 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. By the end of the book, you will be able to implement the knowledge gained to build your own custom websites using Drupal 8. Focusing completely on Drupal 8, this book will help you leverage the new Drupal 8 features such as mobile-first techniques, multilingual capabilities, configuration management, built-in web services facilities, and effortless authoring using the new CKEditor. with an effortless and efficient industry standard approach.
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

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

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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.

A "Learning Network" is a community of people who help each other to better understand and handle certain events and concepts in work or life. As a result – and sometimes also as an aim – participating in learning networks stimulates personal development, a better understanding of concepts and events, career development, and employability. "Learning Network Services" are Web services that are designed to facilitate the creation of distributed Learning Networks and to support the participants with various functions for knowledge exchange, social interaction, assessment and competence development in an effective way. The book presents state-of-the-art insights into the field of Learning Networks and Web-based services which can facilitate all kinds of processes within these networks.

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!

Recently, there has been an increased understanding that learning occurs outside of the traditional classroom setting, particularly for adult lifelong learners. This perspective has enhanced an attentive design in the underlying technological architecture that is required for the integration of formal and informal learning environments. Synergic Integration of Formal and Informal E-Learning Environments for Adult Lifelong Learners presents a collection of issues and research from adult education professionals who define, develop, implement, and evaluate the integration of formal and informal eLearning environments for adult lifelong learners. Academics, teachers, administrators, and learning technologists will benefit from this publication's unique approach to discussing and analyzing the challenges of introducing and implementing learning technologies for adult lifelong learners.

Widely praised for its in-depth coverage of Drupal internals, bestselling Pro Drupal Development has been updated for Drupal 6 in this edition, and provides are even more tricks of the trade to help you further yourself as a professional Drupal developer. Assuming you already know how to install and bring a standard installation online, John K. VanDyk gives you everything else you need to customize your Drupal

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installation however you see fit. Pro Drupal Development, Second Edition delves deep into Drupal internals, showing you how to take full advantage of its powerful architecture.

Beyond the undergraduate and graduate levels, education has traditionally ceased when students enter the workforce as professionals in their respective fields. However, recent trends in education have found that adult students beyond the traditional university age often benefit greatly from returning to further their education. Adult and Continuing Education: Concepts, Methodologies, Tools, and Applications investigates some of the most promising trends in furthering education and professional development in a variety of settings and industries. With an extensive array of chapters on topics ranging from non-traditional students to online and distance education for adult learners, this multi-volume reference book will provide students, educators, and industry professionals with the tools necessary to make the most of their return to the classroom.

Offers information on the most effective ways to use Drupal in web site building, including setting up a development environment, updating modules quickly, and using Git, the free version control system.

“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.

If you’re a web programmer, your experiences have taught you certain lessons—and only some of them apply well to Drupal. Drupal has its own set of programming principles that require a different approach, and many programmers make mistakes when relying on skills they’ve used for other projects. This book will show you which programming techniques you can use—and which you should avoid—when building web applications with this popular content management framework. Updated to cover both Drupal 7 and Drupal 8, the guidelines in this book demonstrate which programming practices conform to the "Drupal way" and which don’t. The book also serves as an excellent guide for Drupal 7 programmers looking to make the transition to Drupal 8. Get an overview of Drupal, including Drupal core and add-on modules and themes Learn Drupal’s basic programming principles, such as the ability to customize behavior and output with hooks Compare Drupal 7 and Drupal 8 programming methods, APIs, and concepts Discover common Drupal programming mistakes—and why hacking is one of them Explore specific areas where you can put your programming skills to work Learn about the new object-oriented Drupal 8 API, including

plugins and services

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ICDL conferences are recognized on of the most important platform in the world where noted expert share their experiences. Many DL experts have contributed thought provoking papers in ICDL 2013. These important papers are reviewed and conceptualized into ICDL on different areas of DL proceedings. The Proceedings have two volumes and has over 1100 pages.

In Pro Drupal as an Enterprise Development Platform authors Jamie Kurtz and Thomas Besluau explain how developers can save themselves time and money, and build their applications faster with fewer bugs by using the Drupal CMS as a foundation for their projects. The days when custom client applications were built entirely from scratch are over. Today, it makes business sense to use a flexible, highly scalable framework such as Drupal, Joomla or DotNetNuke as a foundation. This book focuses on why Drupal makes a particularly strong choice for the majority of developers. With an unprecedented level of community support, tens of thousands of well-proven plug-ins and modules available for download, and advanced content management rules and configuration engines Drupal is flexible enough to provide a firm base upon which almost all enterprise application developers can build their own custom solutions. As this book will make clear, it is no longer necessary for developers to write complex applications entirely from scratch for each of their clients. Instead,they should begin by using an enterprise-class CMS like Drupal to provide a robust foundation for them so that they can concentrate their time and skills into solving the business-specific problems of each individual client maximizing the value that they add to each assignment. What you'll learnUnderstand how Drupal supports enterprise-grade application development. Follow a comprehensive walk-through of the common business continuity, regulatory and security concerns that come with using Drupal.See how to integrate Drupal into new or existing service-oriented architectures (SOA). Be inspired by the many and varied application build types that Drupal supports.Get a head-start on your competition!Who this book is for This book is targeted at enterprise software developers, architects, and managers looking to increase productivity and reduce time to market on new services, applications, features, and bug fixes. Knowledge of PHP is not required. Table of Contents A New Era of Software Development The Drupal Content Management System Business Application Fundamentals Implementing Application Behaviors Securing Your Application Working with Content System Configuration User Experience Design REST Services with Drupal Software Development Best Practices with Drupal How to Sell and Implement Drupal in Your Enterprise

This book provides a practical guide to planning and building a professional Flex 2 application from start to finish. Written by a team of expert developers, the book details, step-by-step, how the authors built the popular Rich Media X (RMX) application for Adobe user groups, step by step. Coverage provides all the information needed to implement several killer web 2.0 features in Flex, including a blog, wiki, events calendar, and more. It is packed with essential practical techniques in use at a professional production environment, which you can learn from and use in your own Flex applications.

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

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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>

The first book to reveal the vulnerabilities and security issues that exist in the sites that have been built with Drupal?and how to prevent them from continuing Drupal is an open source framework and content management system that allows users to create and organize content, customize presentation, automate tasks, and manage site visitors and contributors. Authored by a Drupal expert, this is the first book to reveal the vulnerabilities and security issues that exist in the sites that have been built with Drupal?and how to prevent them from continuing. The main goal of this guide is to explain how to write code that avoids an attack in the Drupal environment, while also addressing how to proceed if vulnerability has been spotted and then regain control of security.

There has never been a social networking site Guide like this. social networking site 40 Success Secrets is not about the ins and outs of social networking site. Instead, it answers the top 40 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with social networking site. A quick look inside of the subjects covered: Be Educated with the Web 2.0 Presentations on the Web, Social Network Blogs Now Powered by WordPress, Twitter Private Messaging: What Does It Mean?, The Purpose of Web 2.0 Platform, Tips on Web 2.0 Design, The Growing Number of Twitter Subscriptions, The Google In-Game Advertising Benefits for Online Marketers, The Use of the Command Line in Twitter, Download Web 2.0 Applications, Using Twitter for Business: Top Steps How to Monetize Your Twitter Account, Starter Guide on Twitter, Twitter Tips for Beginners: Top Things You Need To Do When Starting on Twitter, Drupal Contact Works with Invite Module for Now, Web 1.0 VS Web 2.0: The Difference between the Two Web Versions, Video Messaging: Twitter's Ambition in the Future, Avail of Free Drupal System, Introduction to Google's Content Network, A closer look at Google's new cloud offering, Compute Engine (IaaS), Getting to Know Some of the More Popular Twitter Applications, The Pro Drupal Development: An Introduction, History, How to Easily Register as a Twitter User, Windows Live Calendar, Facebook Grader, Take Hold of a Drupal Handbook, A Step-by-Step Guide to Free Podcasting, Various Web 2.0 Features for Better Web Experience, The Drupal Upload Settings, The Lowdown on Web 2.0 Application, Demographic Bidding on Google's Content Network, New Bebo, Google's Open Social Provides New Opportunities for Social Networking, A Closer Look at the Software that Made Twitter to What It is Right Now, Creating a Personal Twitter News Distribution Network, Social Media and Suicide, Video Sharing, Where to Find Twitter Tools and Widgets, A Guide to Easy Podcasting for Beginners, Tips on How to Maximize the Vista Compatible Twitter Apps, The Usefulness and other Features of Drupal Comment Module, and much more...

Learn what Backdrop CMS is and how it fulfills the role of a content management system, along with how to install and configure it. This book teaches how to create and manage content, taxonomy, users, page layouts, and menus to get the best site possible. You'll also see how to install on shared hosting – which is a focus of the Backdrop CMS team – to make hosting your website affordable. Backdrop CMS has a very

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strong community, and Beginning Backdrop CMS shows you how to leverage Backdrop CMS's repository of contributed modules and themes to expand the functionality and look of your site, along with how to contribute your own material to the community. Beginning Backdrop CMS focuses on the user who is responsible for building, maintaining, and managing an organization's website and who is interested in Backdrop CMS's ability to meet their site's requirements. It covers why you should consider using a content management system when building a new web site. By reading this book, you will: Understand why you should use Backdrop CMS and the power of the platform. Build confidence in your ability to use Backdrop CMS. Gain the knowledge necessary to build, deploy, and manage web sites of moderate complexity on Backdrop CMS. Understand the process for migrating a Drupal 6 or 7 site to Backdrop CMS. What You Will Learn How to install a basic Backdrop CMS web site from scratch How to create content in your new Backdrop CMS web site How to create blocks How to create and manage menus and users How to create and use layouts when creating pages on your site How to create a Backdrop CMS theme The basics of a Backdrop CMS module Who This Book is For: This book is for technical users who need to use Backdrop CMS to create websites using the platform, manage content, as well as developers who are new to the Backdrop CMS platform. The book is also targeted at organizations that currently use Drupal 6 or 7 and who wish to remain on the base architecture of those platforms as they move forward on Backdrop CMS.

This anthology is designed to assist teachers and students in learning how to better understand and interpret our common culture and everyday life. With a focus on contemporary media, consumer, and digital culture, this book combines classic and original writings by both leading and rising scholars in the field. The chapters present key theories, concepts, and methodologies of critical cultural and media studies, as well as cutting-edge research into new media. Sections on teaching media/cultural studies and concrete case studies provide practical examples that illuminate contemporary culture, ranging from new forms of digital media and consumer culture to artifacts from TV and film, including Barbie and Big Macs, soap operas, Talk TV, Facebook, and YouTube. The lively articles show that media/cultural studies is an exciting and relevant arena, and this text should enable students and citizens to become informed readers and critics of their culture and society.

There has never been a Social networking sites Guide like this. Social networking sites 32 Success Secrets is not about the ins and outs of Social networking sites. Instead, it answers the top 32 questions that we are asked and those we come across in our forums, consultancy and education programs. It tells you exactly how to deal with those questions, with tips that have never before been offered in print. Get the information you need--fast! This comprehensive guide offers a thorough view of key knowledge and detailed insight. This Guide introduces everything you want to know to be successful with Social networking sites. A quick look inside of the subjects covered: The Usefulness and other Features of Drupal Comment Module, Starter Guide on Twitter, Various Web 2.0 Features for Better Web Experience, A Guide to Easy Podcasting for Beginners, Social Network Blogs Now Powered by WordPress, The Pro Drupal Development: An Introduction, The Purpose of Web 2.0 Platform, New Bebo, A Step-by-Step Guide to Free Podcasting, Tips on Web 2.0 Design, Introduction to Google's Content Network, Windows Live Calendar, How to Easily Register as a Twitter User, Getting to Know Some of the More Popular Twitter Applications, Drupal Contact Works with Invite Module for Now, The Use of the Command Line in Twitter, History, Web 1.0 VS Web 2.0: The Difference between the Two Web Versions, A closer look at Google's new cloud offering, Compute Engine (IaaS), Video Messaging: Twitter's Ambition in the Future, Download Web 2.0 Applications, Tips on How to Maximize the Vista Compatible Twitter Apps, The Google In-Game Advertising Benefits for Online Marketers, Avail of Free Drupal System, Demographic Bidding on Google's Content Network, Be Educated with the Web

2.0 Presentations on the Web, The Lowdown on Web 2.0 Application, Take Hold of a Drupal Handbook, Video Sharing, The Drupal Upload Settings, Social Media and Suicide, Where to Find Twitter Tools and Widgets, and much more...

How to develop powerful mobile Web sites using popular content management systems (CMS) Mobile is the hottest thing going—and developing content for mobile devices and browsers is even hotter than that. This book is your guide to it all—how to design, build, and deploy sites, blogs and services that will work brilliantly for mobile users. You'll learn about the state-of-the-art of mobile web development, the tools available to use, and the best practices for creating compelling mobile user interfaces. Then, using the most popular content management systems, WordPress, Joomla!, and Drupal, you'll learn how to building world-class mobile web sites from existing platforms and content.. The book walks you through each platform, including how to use third-party plug-ins and themes, explains the strategies for writing your own logic, how to switch between mobile and desktop, and much more. Provides a technical review of the mobile landscape and acquaints you with a range of mobile devices and networks Covers topics common to all platforms, including site topologies, switching between mobile and desktop, common user interface patterns, and more Walks you through each content management platform—WordPress, Joomla!, and Drupal—first focusing on standard plug-ins and themes and then exploring advanced techniques for writing your own themes or logic Explains the best practices for testing, deploying, and integrating a mobile web site Also explores analytics, m-commerce, and SEO techniques for mobile Get ahead of the the mobile web development curve with this professional and in-depth reference guide!

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

You will discover how to make your own segments, make your own styles, and generate your own filtration. You'll understand details of each key part of Drupal, such as customer control, classes, the node system, caching, and the various APIs available to you. Of course, your Drupal-powered website is ineffective until you can effectively provide webpages to your guests. As such, the writers have involved the details you need to improve your Drupal set up to work well under high-load circumstances. Also presented is details on Drupal protection and guidelines, as well as incorporation of Ajax and the internationalization of your Drupal website. Simply put, if you will work with Drupal at all, then you need this guide.. The guide represents that you already have the skills to set up and carry an ordinary set up online.

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

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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.

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.

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

In recent years, digital badging systems have become a credible means through which learners can establish portfolios and articulate knowledge and skills for both academic and professional settings. Digital Badges in Education provides the first comprehensive overview of this emerging tool. A digital badge is an online-based visual representation that uses detailed metadata to signify learners' specific achievements and credentials in a variety of subjects across K-12 classrooms, higher education, and workplace learning. Focusing on learning design, assessment, and concrete cases in various contexts, this book

explores the necessary components of badging systems, their functions and value, and the possible problems they face. These twenty-five chapters illustrate a range of successful applications of digital badges to address a broad spectrum of learning challenges and to help readers formulate solutions during the development of their digital badges learning projects.

Market_Desc: Primary audience:" Developers that are new to Drupal but not new to development. They are having trouble grasping the most simplistic pieces of Drupal although they could develop their own CMS in a caffeinated weekend. " Companies switching to Drupal and looking to quickly ramp up their new developers. Secondary audience: Non developers that are looking to create a robust website and are willing to get their feet wet in programming to create their perfect website. Special Features: " Drupal's market share continues to grow. Drupal is used to power: blogs, personal sites, communities, portals, directories, intranets, extranets, corporate sites, political sites, non-profits, e-commerce, media sharing, independent and professional news/media, entertainment, international or multi-lingual / localized sites, and more. Sites using Drupal include: Yahoo!, AOL Corporate, NIKE, Fed Ex and more." It is well known that Drupal has a steep learning curve. First time Drupal developers switching over to Drupal are desperately seeking ways to shorten this learning curve in order to more quickly leverage Drupal's power." Along with sample code from the book, sample databases and modules will be available to the reader on wrox.com About The Book: This book walks a new user through the installation and configuration of a Drupal system, provide in depth information on the key areas of Drupal and introduce the developer sections of Drupal. The book includes a sample database, code, and lessons to hand-hold a user through the key areas of a Drupal website. It also includes code that the reader can copy and paste to start new modules as well as step by step guides on some of the advanced Drupal configuration and API.

This book is a step-by-step guide and a hands-on co-piloted experience for those trying to make Drupal powered websites work for them, and for their clients. Much more than a "tutorial," what is needed is a nuts-and-bolts living mentor and guide which really shows the reader how to do the things really required for bringing it all together in a site which works. This will be the only book covering all the difficult components of Drupal: views, panels, themes, content creation, etc. The book will cover: * How to upgrade your hopelessly outdated and obsolete-software dependent site and bring it into the Drupal mainstream and future * How to become a great Drupal themer and make "non-Drupal" looking sites * How to really customize Drupal for your real needs * How to start using best practices in Drupal web application development * How to work like the pro Drupal shops and be ready for big projects - and small ones * Learn by example (code samples, theme samples, videos) at every step

Create applications for all major smartphone platforms Creating applications for the myriad versions and varieties of mobile phone platforms on the market can be daunting to even the most seasoned developer. This authoritative guide is written in such a way that it takes your existing skills and experience and uses that background as a solid foundation for developing applications that cross over between platforms, thereby freeing you from having to learn a new platform from scratch each time. Concise explanations walk you through the tools and patterns for developing for all the mobile platforms while detailed steps walk you through setting up your development environment for each platform. Covers all the major options from native development to web

application development Discusses major third party platform development acceleration tools, such as Appcelerator and PhoneGap Zeroes in on topics such as developing applications for Android, IOS, Windows Phone 7, and Blackberry Professional Mobile Cross Platform Development shows you how to best exploit the growth in mobile platforms, with a minimum of hassle. Build and deploy secure Spring Framework and Spring Boot-based enterprise Java applications with the Spring Security Framework. This book explores a comprehensive set of functionalities to implement industry-standard authentication and authorization mechanisms for Java applications. Pro Spring Security, Second Edition has been updated to incorporate the changes in Spring Framework 5 and Spring Boot 2. It is an advanced tutorial and reference that guides you through the implementation of the security features for a Java web application by presenting consistent examples built from the ground up. This book also provides you with a broader look into Spring security by including up-to-date use cases such as building a security layer for RESTful web services and Grails applications. What You Will Learn Explore the scope of security and how to use the Spring Security Framework Master Spring security architecture and design Secure the web tier in Spring Work with alternative authentication providers Take advantage of business objects and logic security Extend Spring security with other frameworks and languages Secure the service layer Who This Book Is For Experienced Spring and Java developers with prior experience in building Spring Framework or Boot-based applications.

In Pro Drupal as an Enterprise Development Platform authors Jamie Kurtz and Thomas Besluau explain how developers can save themselves time and money, and build their applications faster with fewer bugs by using the Drupal CMS as a foundation for their projects. The days when custom client applications were built entirely from scratch are over. Today, it makes business sense to use a flexible, highly scalable framework such as Drupal, Joomla or DotNetNuke as a foundation. This book focuses on why Drupal makes a particularly strong choice for the majority of developers. With an unprecedented level of community support, tens of thousands of well-proven plug-ins and modules available for download, and advanced content management rules and configuration engines Drupal is flexible enough to provide a firm base upon which almost all enterprise application developers can build their own custom solutions. As this book will make clear, it is no longer necessary for developers to write complex applications entirely from scratch for each of their clients. Instead, they should begin by using an enterprise-class CMS like Drupal to provide a robust foundation for them so that they can concentrate their time and skills into solving the business-specific problems of each individual client maximizing the value that they add to each assignment.

Drupal is a powerful CMS used to build all kinds of web sites. But when you're urgently tasked with building a specific kind of site, it's not always obvious which plugins to use or where to begin. If I could show you simple directions to create Drupal web sites for personal or business use within a day, without the initial need to bother about the in-depth details of using Drupal, would you be interested? Build first learn later! This book will give you a competitive edge by helping you to rapidly implement prototype web projects for personal and business use. With this book almost anyone with just a bit of Drupal knowledge can build a web site and tailor it to his/he needs. This book is a project-based guide to developing web applications with Drupal. It should enable you to take

full advantage of the powerful core features offered by the Drupal framework together with the many available contributed modules and themes to develop applications within hours. You will be guided, by means of illustrated hands-on example projects, to build foundation projects that you may easily adapt or enhance to create even more powerful web projects. If you want to develop exciting web applications for profit or pleasure this book is for you. This book is, however, not an introduction to Drupal, nor an in-depth manual for using Drupal; and even though it partially covers some basics such as installation and how to create nodes, this is only done in the process of building the featured projects. Readers should therefore already have an understanding of the basic Drupal terminologies, how to access and to use the administration pages, and also how to customize by uploading and engaging new themes

Migrate an existing Drupal 6 or 7 website to Backdrop and discover why you should consider using Backdrop when building a new website. You'll learn what Backdrop is, how to install and configure Backdrop, and create and manage content. Migrating from Drupal to Backdrop focuses on the user who is responsible for building, maintaining, and managing an organization's website and who is interested in Backdrop's ability to meet their site's requirements. There is a major shift in the open source CMS market and Backdrop is emerging as a significant force. The Drupal team's decision to rebuild Drupal 8 on Symfony has many developers and organizations in a quandary – do you learn a whole new framework and undertake the effort of migrating to Drupal 8, stay on Drupal 7 which will at some point be officially unsupported, or adopt Backdrop as their go-forward strategic platform? There is also a large mid-market that may not have the ability to scale up with the skills required to support Drupal 8 (Symfony), making Backdrop a viable and attractive alternative. By reading this book, you will: Understand why you should use Backdrop and the power of the platform Quickly build confidence in your ability to use Backdrop Gain the knowledge necessary to build, deploy, and manage web sites of moderate complexity on Backdrop Understand the process for migrating a Drupal 6 or 7 site to Backdrop What You Will Learn: What Backdrop is and why you should use it How to install a basic Backdrop web site from scratch How to create content in your new Backdrop web site How to install and configure modules How to migrate a Drupal 6 site to Backdrop How to migrate a Drupal 7 site to Backdrop Who This Book Is For:“br>This book is for technical users who need to use Backdrop to create websites using the platform or to manage existing content, as well as developers who are new to the Backdrop platform. The book is also targeted at organizations that currently use Drupal 6 or 7 and who wish to remain on the base architecture of those platforms as they move forward on Backdrop.

A complete lifecycle guide to planning and building a site with Drupal Drupal allows you to quickly and easily build a wide variety of web sites, from very simple blog sites to extremely complex sites that integrate with other systems. In order to maximize what Drupal can do for you, you need to plan. Whether you are building with Drupal 6 or 7, this book details the steps necessary to plan your site so you can make informed decisions before you start to build. Explains how to define the scope of your project Shows you how to create a design plan taking into consideration how Drupal works Helps you make informed decisions regarding development methodologies, environments, standards, and site security Reviews ways to assess the use of existing and/or

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custom Drupal modules Teaches you how to avoid common pitfalls that can impact a successful site launch Walks you through preparing for post-launch site maintenance and management tasks Details incorporating the nature of open source systems into your management strategies Identifies ways to interact with members of the Drupal community The processes and techniques provided in this book will empower you to create a successful and sustainable site with Drupal.

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