

Drupal Documentation

If you're a web programmer new to Drupal, this book shows you which programming techniques you can use—and which you should avoid—when building custom web applications with this content management framework. 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. The guidelines in this book help you through the transition by demonstrating which programming practices conform to the “Drupal way,” and which don't. If you're familiar with PHP, you'll quickly learn how to take advantage of the powerful Drupal API. Get a complete 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 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 programming tips and tools to help you perfect and debug your applications

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

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

Programmer's Guide to Drupal"O'Reilly Media, Inc."

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

Master Drupal 8's new Twig templating engine to create fun and fast websites with simple steps to help you move from concept to completion About This Book Create beautiful responsive Drupal 8 websites using Twig Quickly master theme administration, custom block layouts, views, and the Twig template structure A step-by-step guide to the most common approaches in web design Who This Book Is For This book is intended for front-end developers, designers, and anyone who is generally interested in learning all the new features of Drupal 8 theming. Discover what has changed from Drupal 7 to Drupal 8 and immerse yourself in the new Twig PHP templating engine. Familiarity with HTML5, CSS3, JavaScript, and the Drupal Admin interface would be helpful. Prior experience with setting up and configuring a standalone development environment is required as we will be working with PHP and MySQL. What You Will Learn Navigate the Drupal 8 Admin interface Build custom block layouts with reusable and fieldable blocks Create subthemes based on the Bartik and Classy base themes Construct a responsive theme with Twitter Bootstrap Work with the new Twig PHP templating engine Configure Drupal for Twig debugging Enable preprocessing of Twig variables Develop a theme from scratch following a step-by-step project outline In Detail Drupal 8 is an open source content management system and powerful framework that helps deliver great websites to individuals and organizations, including non-profits, commercial, and government around the globe. This new release has been built on top of object-oriented PHP and includes more

than a handful of improvements such as a better user experience, cleaner HTML5 markup, a new templating engine called Twig, multilingual capabilities, new configuration management, and effortless content authoring. Drupal 8 will quickly become the new standard for deploying content to both the web and mobile applications. However, with so many new changes, it can quickly become overwhelming knowing where to start and how to quickly. Starting from the bottom up, we will install, set up, and configure Drupal 8. We'll navigate the Admin interface so you can learn how to work with core themes and create new custom block layouts. Walk through a real-world project to create a Twig theme from concept to completion while adopting best practices to implement CSS frameworks and JavaScript libraries. We will see just how quick and easy it is to create beautiful, responsive Drupal 8 websites while avoiding the common mistakes that many front-end developers make. Style and approach Drupal 8 Theming with Twig is intended for front-end developers, designers, and anyone who is generally interested in learning all the new features of Drupal 8 theming. Discover what has changed from Drupal 7 to Drupal 8 and immerse yourself in the new Twig PHP templating engine. Familiarity with HTML5, CSS3, JavaScript, and the Drupal Admin interface would be helpful. Prior experience with setting up and configuring a standalone development environment is required as we will be working with PHP and MySQL.

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>

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.

This book is packed with clear instructions and careful explanations for creating a powerful social networking site using Drupal 7. With each chapter, you add new features and content until your 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 which you can either choose to model on the case-study, or create to your own unique design. This book is aimed at anyone looking to create their own social networking website, including: Businesses - building a social network around a product or service can improve your company profile and increase customer loyalty, while 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. Organizations and charities - raise your profile, promote your events, services, and 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 socially orientated website.

Build beautiful interactive maps on your Drupal website, and tell engaging visual stories with your data. This concise guide shows you how to create custom geographical maps from top to bottom, using Drupal 7 tools and out-of-the-box modules. You'll learn how mapping works in Drupal, with examples on how to use intuitive interfaces to map local events, businesses, groups, and other custom data. Although building maps with Drupal can be tricky, this book helps you navigate the system's complexities for creating sophisticated maps that match your site design. Get the knowledge and tools you need to build useful maps with Drupal today. Get up to speed on map projections, the ethics of making maps, and the challenges of building them online Learn how spatial data is stored, input by users, manipulated, and queried Use the OpenLayers or GMap modules to display maps with lists, tables, and data feeds Create rich, custom interactions by applying geolocation Customize your map's look and feel with personalized markers, map tiles, and map popups Build modules that add imaginative and engaging interactions

Provides information on designing for the Drupal framework, covering such topics as choosing modules, managing markup, working with Drupal on the command line, and learning the basics of Git.

This handbook of research is one of the few texts to combine Open Source Software (OSS) in public and private sector activities into a single reference source. It examines how the use of OSS affects practices in society, business, government, education, and law.

Itching to build interesting projects with Drupal, but confused by the way it handles design challenges? This concise guide helps

small teams and solo website designers understand how Drupal works by demonstrating the ways it outputs content. You'll learn how to manage Drupal's output, design around it, and then turn your design into a theme. In the second of three volumes on Drupal design, award-winning designer Dani Nordin takes you beyond basic site planning and teaches you key strategies for working with themes, layouts, and wireframes. Discover how to use Drupal to make your vision a reality, instead of getting distracted by the system's project and code management details. Learn strategies for sketching, wireframing, and designing effective layouts Break down a Drupal layout to understand its basic components Understand Drupal's theme layer, and what to look for in a base theme Work with the 960 grid system to facilitate efficient wireframing and theming Manage Drupal markup, including the code generated by the powerful Views module Use LessCSS to organize CSS and help you theme your site more efficiently

This is a fun, informative, hands-on learning guide that uses an actual case study. In an interactive and informal manner, this guide presents purposeful examples that continue to build on each other. Clear, concise instructions and practical examples mean you can learn quickly how to take care of the content in your Drupal site. This book is designed for those who run the site day-to-day but didn't set it up, and aren't necessarily that well versed in Drupal or web technologies. You could be a content editor, proofreader, graphic artist, feature editor, or anyone else concerned with managing content on a Drupal installation.

With clear instructions and plenty of screenshots, this book provides all the support and guidance you will need as you begin to create your classroom website. Step-by-step tutorials show you how to use Drupal in the most efficient and effective ways possible. People new to Drupal will find a good introduction of the basics; while more experienced users will learn useful tips and tricks for using Drupal in a classroom context. If you are a teacher, tutor or an educator who wants to build a website for your classroom, be it elementary or any higher education, "Drupal 7 for Education and E-Learning (2nd Edition)" will guide you in achieving your goal at every step. No experience with programming languages, HTML, or CSS is needed to understand the examples in this book.

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.

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.

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.

Follow the creation of a multi-site instance with Drupal. The practical examples and accompanying screenshots will help you to get multiple Drupal sites set up in no time. This book is for Drupal site builders. It is assumed that readers are familiar with Drupal already, with a basic grasp of its concepts and components. System administration concepts, such as configuring Apache, MySQL, and Vagrant are covered but no previous knowledge of these tools is required.

Take advantage of Drupal's vast collection of community-contributed modules and discover how they make this web framework unique and valuable. With this guide, you'll learn how to combine modules in interesting ways (with minimal code-wrangling) to develop several community-driven websites—including a job posting board, photo gallery, online store, product review database,

and event calendar. The second edition focuses on Drupal 7, the latest version of this open source system. Each project spans an entire chapter, with step-by-step "recipes" to help you build out the precise functionality the site requires. With this book, developers new to Drupal will gain experience through a hands-on introduction, and experienced Drupal developers will learn real-world best practices. Learn Drupal's concepts and building blocks, and how everything works together Hit the ground running—build your first Drupal site hands-on Explore solutions that meet each project's requirements, and discover why specific modules were selected Understand the projects through case studies, including the client's needs and desires Learn how to configure modules with a bird's-eye view of how they work Discover new modules, including Drupal Commerce, Media, and Workbench

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 8 brought a release cycle that allows for new functionality to be added at a much faster pace. This extends into the new shiny Drupal 9 release. However, this also means code deprecations and changing architecture that you need to stay on top of. This book updates the previous editions and includes the new functionality introduced in ...

Drupal 8 for Absolute Beginners is your definitive guide to starting from scratch with Drupal even if you have little web knowledge. This book teaches you the basics of HTML, CSS, JavaScript, and PHP in relation to Drupal, so that you can begin to use this popular CMS with all of its features. You will first learn how to set up and customize a basic blog using Drupal, one of the most powerful and popular content management systems available today. From there you will learn the basics of HTML, CSS, JavaScript and PHP, and apply this knowledge to create your own custom Drupal module. You will learn how to build, style, and add functionality to your own Drupal module from scratch. You will then use Drush to apply a theme to Drupal, customizing everything to your liking, before publishing your work to the world. The book also covers some more advanced topics that beginners often ask about, such as getting set up with Git and using source control, using MySQL to interact with a database, and a guide to getting up and running with Linux. Rarely has all the knowledge required to start with Drupal been collated in one place as it is in Drupal 8 for Absolute Beginners. You need no prior knowledge of the web, only a desire to learn. The book is fully supported by video material on the author's website. Start your Drupal journey with this book today!

A practical tutorial for creating your first Drupal 6 modules with PHP.

* Content management, blogging, and online forums are among the most significant online trends today, and Drupal, phpBB, and WordPress are three of the most popular open source applications facilitating these tasks. * The authors have played active roles in project development and community support (Mike Little is actually a Wordpress project co-founder). * Drupal, phpBB, and WordPress are based on the PHP language and MySQL database server, ensuring the widest possible audience.

Drupal is a content management framework that powers web sites from simple online brochures to more advanced sites including social networking sites, blogs, e-commerce sites, business portals, and more. It is free, open source software that allows anyone to quickly and easily build web sites. Its full range of modules—including user permissions, security mechanisms, JavaScript menus, image uploaders, WYSIWYG editors, and more— helps you easily create the foundation for a powerful web site. With its templating system (and a few tips and tricks), any graphic design file can be used to create a Drupal web site. Foundation Drupal 7 covers all the topics necessary to quickly build Drupal-powered web sites, explaining in simple terms how Drupal works and providing you with concepts, tips, and code snippets for every step of the development process. From setting up a Drupal-ready web host and installing Drupal to using the administrative interface and configuring a site from start to finish, there is something here for everyone. In addition to thoroughly discussing all of Drupal's core modules, this book reviews more than 50 contributed modules, including WYSIWYG HTML editors, JavaScript drop-down menus, web forms, and even the powerful Views module. Stephanie Pakrul, creator and maintainer of the Fusion theme, coauthors a chapter on how to lay out and add graphics to a site through Drupal's administrative section. After reading this book, you will walk away with everything you need to know to quickly and successfully build a Drupal-powered web site. Whether you're an experienced Drupal site builder looking to expand your skills, a web developer or designer interested in learning Drupal, or a weekend hobbyist looking to build your first site, Foundation Drupal 7 will give you the knowledge and inspiration you need to bring your ideas to life.

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 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.

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.

Over 100 clear step-by-step recipes to create powerful, great-looking Drupal themes.

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.

Demystifying one of the most popular content management systems in use today, *Drupal Web Profiles* offers a complete introduction to the installation, configuration, and administration of Drupal versions 6 and 7. Filled with worked examples, step-by-step instructions, and hands-on projects, it provides readers with the tools to develop effective business web solutions using Drupal. The book supplies easy-to-follow instruction on the primary aspects of the Drupal framework—from basic installation, configuration, and administration to creating new functionality with custom modules and themes. Defining key Drupal terminology in a way that users and developers can easily understand, this project-based guide explains how to: Create an installation environment for Drupal as well as how to carry out the actual installation Build web applications using Drupal builds and profiles Add new content to a Drupal site and describe, classify, and organize content using the Taxonomy module Optimize Drupal performance with automatic throttling, bandwidth optimization, and page caching Customize Drupal themes and create, install, and debug modules The first five chapters describe how to install, configure, and administer a basic site using Drupal version 6 or 7. The next five chapters introduce Drupal profiles and explain how to get them set up and running. Supplying in-depth treatment of web analytics, including Google analytics, parsing Web logs, and node tagging, the book arms you with time-tested advice on how to monitor, analyze, and optimize the performance of your Drupal installation.

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 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.

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

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 advises on how to build different types of websites and especially in Drupal framework.

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

“For Drupal to succeed, we need books like this.” –Dries Buytaert, Drupal founder and project lead “Drupal faces a common problem on the Web—the relative lack of new, high quality themes. Front End Drupal tackles this problem directly and is designed to help both experienced designers and rank novices get an understanding of how Drupal theming works. In fact, I'll be the first to admit I learned a lot from this book.” – Dries Buytaert, Drupal founder and project lead The Practical, Complete Guide to Customizing Drupal Sites with Behaviors, Themes, and Templates Drupal is now the world's #1 open source content management system: Thousands of individuals and organizations are using it to build and update Web sites of virtually every kind. As Web designers and developers adopt Drupal, they need ways to quickly customize the visuals and interactivity of their sites.

Drupal offers powerful tools for doing so, but little guidance on using them effectively. Front End Drupal is the solution. In this book, two expert Drupal developers cover everything you need to know to create great visual designs and state-of-the-art interactivity with Drupal's behaviors, themes, and templates. Front End Drupal is 100% focused on issues of site design, behavior, usability, and management. The authors show how to style Drupal sites, make the most of Drupal's powerful templating system, build sophisticated community sites, streamline site management, and build more portable, flexible themes. You'll also gain hands-on experience through several case studies that walk you through the customization of everything from page templates to Web site forums. Prepare and organize content so it's easier to integrate into Drupal Web sites Structure Drupal page templates that are easy to work with Configure Drupal with the modules and browser tools you need to customize your site Utilize Drupal's Starter Themes and themes converted from WordPress, Joomla!™, and Drupal 5.x Maximize the power and usability of Drupal's content editing forms Build usable community sites with user profiles, comments, and user-generated content Use JavaScript™ to make your themes interactive and to enhance usability Create powerful animations and AJAX callbacks with jQuery, Drupal's JavaScript library About the Web Site The accompanying site, frontenddrupal.com, contains all sample code and themes presented in this book.

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.

[Copyright: 88fe10fd8f9f503272d1c2134d59a621](https://www.drupal.org/licenses/88fe10fd8f9f503272d1c2134d59a621)