

Drupal at your fingertips



Drupal 9 & 10 developer's quick code reference

BY SELWYN POLIT

This book is a quick reference for developers creating Drupal sites. While working on such sites during my career, I have gathered a large collection of notes and code which I use for my reference. I hope it will be useful for you, too.

During my hunting through examples on [Drupal.org](#), [Stack Overflow](#) and many other places, I often wished there was a succinct set of current annotated code samples explaining how to do things the [Drupal way](#). Of course, there is the excellent [examples module](#), which is very handy. But this book is designed to otherwise fill that gap. Please forgive the `todo` items, but I've found that if I want to get it perfect, it won't ever get published.

You are invited to contribute (in the open source way) by making edits and pull requests at [this link on Github](#). There is a very simple online editor which automatically forks the repo and lets you type your changes directly in your browser in [markdown format](#). Try it by editing a chapter of interest to you. And while you are here, [see who else contributed to the masterpiece](#) 😊

If you are inspired, please be a part of this project by contributing your own thoughts, code snippets, tutorials, links etc. (Imposters are welcomed!) Add your name on the [attribution page](#). Either add a note in the comment form at the bottom of each page or click the [Edit this page](#) on GitHub also at the very bottom of any page and start editing. You don't need to know Git.

views 2625

- [Batch and Queue - Batch API](#)
- [Blocks - Generate the code to create blocks, dependency injection, blocks with config forms, block permissions](#)
- [Caching - Cache tags, disabling caching, caching REST resources, development setup, various caching tips](#)
- [Composer, updates and patches](#)
- [Config - Creating, loading, overriding, drush config commands](#)
- [Cron - Using hook_cron, sample crontab files, how to stop cron](#)
- [Dates - Getting and setting date fields, date arithmetic, expiration, node creation and changed dates, Smart date module](#)
- [Debugging with PhpStorm, DDEV and Xdebug](#)
- [Development - Local setup, creating sites, DDEV, troubleshooting, PhpStorm setup, Xdebug setup, Twig debugging](#)
- [Drush - the amazing command line tool that makes everyone's life so much better](#)

- [Email - Sending emails in Drupal](#)
- [Entities - More entities - the primary building blocks of Drupal](#)
- [Forms - Creating and modifying forms using the Form API, AJAX forms, modals](#)
- [General - Useful things that seemed to not fit well elsewhere](#)
- [Hooks - hooking into the Drupal hook system to make modifications](#)
- [Learning and keeping up with the latest on Drupal](#)
- [Links, Aliases and URLs](#)
- [Logging and notification](#)
- [Menus](#)
- [Migration - automated ways to get data into Drupal](#)
- [Modal dialogs](#)
- [Nodes and Fields - Loading and saving nodes and different types of fields, multivalue field magic, link fields, entity reference fields, url fields, storing JSON data into text fields, paragraphs, great cheat sheets](#)
- [Queries - entityQueries, SQL queries, inserting and deleting content](#)
- [Reaching out of Drupal](#)
- [Redirects](#)
- [Render Arrays](#)
- [Routes and Controllers](#)
- [Services and Dependency injection](#)
- [State API, Tempstore and UserData \(Interesting flavors of storage\)](#)
- [Taxonomy](#)
- [PHPUnit and Drupal Test Traits](#)
- [Twig - Formatting and controlling your output](#)

I'm working on writing more about:

- Events
- Custom Plugins
- Javascript
- Media image files
- Migration
- Miscellaneous
- Paragraphs
- Security and Preventing attacks
- Single sign on
- Views

[Back to top](#)

[Drupal at your fingertips](#) by [Selwyn Politt](#) is licensed under [CC BY 4.0](#)  

Page last modified: May 2 2023.

[Edit this page on GitHub](#)

This site uses [Just the Docs](#), a documentation theme for Jekyll.