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# **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 <u>Drupal way</u>. Of course, there is the excellent <u>examples module</u>, which is very handy. But this book is designed to otherwise fill that gap. Please forgive theodo 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 athis 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 heresee 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 <u>attribution page</u>. 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.

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- 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
- <u>Dates Getting and setting date fields, date arithmetic, expiration, node creation and changed dates, Smart date</u> 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)
- <u>Taxonomy</u>
- 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

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