DRUPAL INFORMATION

George Ciesinski

HUMBER COLLEGE 205 Humber College Blvd., Toronto ON M9W 5L7

Introduction 3
Drupal 4
Stack 4
Modules 5
Installing Modules 5
Using Composer to Manage Dependencies 5
Useful Modules 5
ADMIN TOOLBAR 5
Album Photos 5
Video 5
Force users to login 5
PathAuto 5
Field Group 5
LDAP / Active directory integration 6
Field Permissions 6
Delete Unused Files 7
Version Control 8
Git 8
Building a Drupal site with Git 8
Managing File and Configuration Revisions with Git 8
Building a Drupal site with Git 8
a successful Git Branching model 8
Development Site 8
Making a Development Site 8
Administration 9
User Account Settings 9
Configuring User Account Settings 9
Maintenance 10
Maintenance Mode 10

Backup Data 10
Concept: Data backups 10
Backup using command line 10
pg_dump 10
PG_restore 10
Updating 10
Updating Core Software 10
Updating Modules 10
Updating Theme 10
Additional Info 11
Documentation 11
Glossary 11
Further Reading 12
React for Drupal 12

INTRODUCTION

This document contains helpful links to various documentation about Drupal development, local development environments, version control, modules, and more.

This is meant to act as a quick reference guide for Drupal documentation and does not act as documentation for any of the Humber ITS websites.

DRUPAL

STACK

Drupal is based on the LAMP stack: Linux, Apache, MySQL, and PHP Scripting Language.

Drupal can also run on other technology stacks. For example:

- Windows, Mac or Linux
- Apache, Nginx or IIS
- PostgreSQL, SQLite, or MySQL

MODULES

Modules extend functionality and add features. Installing the feature adds functionality, while uninstalling it removes it. Modules increase the time needed to generate a page, so it is important to only keep modules you use installed and remove the unused ones.

INSTALLING MODULES

https://www.drupal.org/docs/extending-drupal/installing-modules

USING COMPOSER TO MANAGE DEPENDENCIES

https://www.drupal.org/docs/develop/using-composer/manage-dependencies#adding-modules

USEFUL MODULES

ADMIN TOOLBAR

Improves default toolbar with additions such as drop-down menus, version control, and more.

https://www.drupal.org/project/admin_toolbar

TODO: Add modules from Building a Drupal site with Git | Installing Drupal | Drupal Wiki guide on Drupal.org

ALBUM PHOTOS

Needs to be compared to core photos module to see if this is necessary or not.

https://www.drupal.org/project/photos

VIDEO

Allows you to host and play videos on the platform.

https://www.drupal.org/project/video

FORCE USERS TO LOGIN

https://www.drupal.org/project/r4032login (Seems to have more users and better response times)

https://www.drupal.org/project/anonymous_login

PATHAUTO

PathAuto is used to automatically generate unique URL's for new content rather than *node/1* style URLs.

https://www.drupal.org/project/pathauto

https://ostraining.com/blog/drupal/pathauto-2/ (Instructions)

FIELD GROUP

Allows you to group fields so that they are easier to organize.

https://www.drupal.org/project/field_group

LDAP / ACTIVE DIRECTORY INTEGRATION

https://www.drupal.org/project/ldap_auth

& Instructions: https://www.drupal.org/docs/contributed-modules/ldap-integration/ldap-user-role-mapping

FIELD PERMISSIONS

Provides field level permissions for different roles.

https://www.drupal.org/project/field_permissions

DELETE UNUSED FILES

This module requires updating to Drupal 10 before it can be used:

https://www.drupal.org/project/delete_unused_files

VERSION CONTROL

GIT

BUILDING A DRUPAL SITE WITH GIT

Provides a detailed overview in a single page about using Git with Drupal. This page explains multiple parts of the dev cycle including **Git Branches, Merging Branches, Tagging, etc.**

https://www.drupal.org/docs/installing-drupal/building-a-drupal-site-with-git

MANAGING FILE AND CONFIGURATION REVISIONS WITH GIT

https://www.drupal.org/docs/user_guide/en/extend-git.html

BUILDING A DRUPAL SITE WITH GIT

https://www.drupal.org/docs/installing-drupal/building-a-drupal-site-with-git

A SUCCESSFUL GIT BRANCHING MODEL

https://nvie.com/posts/a-successful-git-branching-model/

DEVELOPMENT SITE

MAKING A DEVELOPMENT SITE

https://www.drupal.org/docs/user_guide/en/install-dev-making.html

ADMINISTRATION

USER ACCOUNT SETTINGS

CONFIGURING USER ACCOUNT SETTINGS

https://www.drupal.org/docs/user_guide/en/config-user.html

MAINTENANCE

MAINTENANCE MODE

Presents message that the site is under maintenance to users who do not have the right permissions. Authorized users can maintain the site and update content during this time.

https://www.drupal.org/docs/user_guide/en/extend-maintenance.html

BACKUP DATA

CONCEPT: DATA BACKUPS

https://www.drupal.org/docs/user_guide/en/prevent-backups.html

BACKUP USING COMMAND LINE

https://www.drupal.org/docs/7/backing-up-and-migrating-a-site/back-up-your-site-using-the-command-line

PG_DUMP

https://www.postgresql.org/docs/7.1/app-pgdump.html

PG_RESTORE

https://www.postgresql.org/docs/7.1/app-pgrestore.html

UPDATING

UPDATING CORE SOFTWARE

https://www.drupal.org/docs/user_guide/en/install-composer.html

UPDATING MODULES

https://www.drupal.org/docs/user_guide/en/security-update-module.html

UPDATING THEME

https://www.drupal.org/docs/user_guide/en/security-update-theme.html

ADDITIONAL INFO

DOCUMENTATION

https://www.drupal.org/documentation

GLOSSARY

https://www.drupal.org/docs/user_guide/en/glossary.html

FURTHER READING

REACT FOR DRUPAL

https://reactfordrupal.com/tutorials/react-for-drupal-developers