Drush, drush, drush, drush everybody loves drush!

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What is drush?

Drush is a command line shell and scripting interface for Drupal, a veritable Swiss Army knife designed to make life easier for those of us who spend some of our working hours hacking away at the command prompt.

Posted by moshe weitzman on November 13, 2006 at 2:00am

FAQs

Pronunciation:

Q: What does "drush" stand for?

A: The Drupal Shell.

Q: How do I pronounce Drush?

A: Some people pronounce the dru with a long u like Drupal. Fidelity points go to them, but they are in the minority. Most pronounce drush so that it rhymes with hush, rush, flush, etc. This is the preferred pronunciation.

Installing drush - Basics

- Drush is compatible across Drupal versions

- Drush5+ works with three versions of Drupal (6,7,8)

- Find and download correct version http://drupal.org/project/drush

- Install it in your "home directory", and alias to it

Installing drush - Linux

cd $HOME

wget http://ftp.drupal.

org/files/projects/drush-7.x-4.5.tar.gz

tar zxf drush-7.x-4.5.tar.gz

alias drush='/home/private/drush/drush'

(alias makes a 'shortcut' in UNIX)

Ref: http://drupalcampma.com/basics-drush-0

Installing drush – Mac

1. Download the .tar.gz file from http://drupal.org/project/drush However Drush is not a Drupal module, don't uncompress it in your Drupal tree, but somewhere more system generic, like /Libraries or /usr/local/bin.

2. Add /Libraries/drush to the file /etc/paths.

Alternatively individual users can add to their ~/.profile file this line:

export PATH=$PATH:/Library/drush

3. Open terminal window, cd your Drupal document root

drush status

Ref: http://flink.com.au/tips-tricks/drush

Installing Drush - Windows

- Don't do it – not as well supported as Linux/Mac

- If you must do, it see
  http://drupal.org/node/594744

- Alternatively – use Quickstart VM

  Note: uses drush 4.4

  cd $HOME , mv drush drush_BACKUP, follow
  Linux installation

Useful commands

- drush

  if installed correctly – lists all available commands. This list will grow as you install more modules which have an interface with drush.

- drush –help

- drush help

  Note command aliases e.g. drush help arb

More Useful commands

- drush help <command>

  e.g. drush help ucrt

- drush docs-readme

- drush version

- which drush

  returns install directory

Clear cache

- Clear cache

  drush cc all

  drush cc views

- Why – when making site changes e.g. updating menus, content this will make sure you are looking at the latest version

Site Maintenance

- Put site in maintenance mode

  drush vset site_offline 1

  drush cache-clear all

- Update site

  – drush up

- To turn the site back online

  – drush vset site_offline 0

  – Drush cache-clear all

  Ref: drush help vset

Password reset Drupal

- drush user-password someuser newpass

  OR

- drush uli someuser

- Drupal 6 only

  cd <drupal_root_directory>

  drush sql-cli   # or mysql -u<user> -p<pass> <drupal_db>

  update users set name='admin', pass=md5('drupal')

Password reset Drupal

- Get an admin login link

  drush uli

  Set the password for any user

- drush upwd admin --password="newpassword"

Installing Drupal 7 from scratch

Setup a MySQL user and database, and note the user/pass.

(sudo apt-get install tasksel, sudo tasksel OR use Quickstart)

Then run the following, make sure to replace the user and passwords names for your local setup:

drush dl drupal-7.x

drush site-install standard --account-name=admin --account-pass=admin --db-url=mysql://YourMySQLUser:RandomPassword@localhost/YourMySQLDatabase

Ref: http://www.coderintherye.com/install-drupal-7-using-drush

Modules

- list active modules

  drush pml

  (installed vs disabled)

- Download modules

  drush dl module-name

  Note: Auto-selects latest version, override with --select

- Enable modules

  drush en module-name

Site backup/restore

- Back-up

  - drush ard

- Restore

  - drush arr

Site Update

- drush up

…

WARNING: Updating core will discard any modifications made to Drupal core files, most noteworthy among these are .htaccess and robots.txt. If you have made any modifications to these files, please back them up before updating so that you can re-create your modifications in the updated version of the file.

Note: Updating core can potentially break your site. It is NOT recommended to update production sites without prior testing.

Other Cool Stuff

- drush alias – managing multiple sites, remote management

  e.g. drush pml tradsitetest.dev

  II $HOME/.drush

  Ref:
  http://drush.ws/examples/example.aliases.drushrc.php

- Variable set vset, vget

- Watchdog show messages

  drush ws <nn>

Really Advanced Stuff

- Clear registry

  drush rr

- Ref http://drupal.org/project/registry_rebuild

- Writing drush commands is like writing modules

And Finally

- References

    - http://drush.ws/resources

    - http://drush.ws/help/5

    - http://drupal.org/project/drush

    - http://groups.drupal.org/drush

    - http://api.drush.ws/api/file/README.txt/master

    - http://drupal.org/project/quickstart

    - Definitive Guide to Drupal 7 (Apress), Chptr 2, 12

Credits

- Drush was originally developed by Arto for Drupal 4.7

- In May 2007, it was partly rewritten and redesigned for Drupal 5 by frando.

- The module is now maintained by Moshe Weitzman, Owen Barton, jonhattan, msonnabaum and greg.1.anderson

- The Drupal community

Q & A