

Drush

From n00b to Ninja

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Intro

What is Drush?

A command line tool that helps build and manage Drupal sites.

What is it good for?

Instantly making changes to your site, anything from a fresh install to migrating servers.

How do you use it?

Get it installed, call drush in a command line.

Install Drush

<http://drupal.org/project/drush>

```
sudo apt-get install php-pear
```

Follow d.o instructions

Use sudo to run drush the first time to download dependencies automatically!

Windows Installer...

First commands

drush

drush cache-clear (cc) all

drush status

drush watchdog-show (ws)

drush help <command>

drush topic

drush docs-<topic>

More Commands

drush pm-download (dl) --select

drush pm-enable (en)

drush pm-disable (dis)

Start a new site

Configure hosts/vhosts

```
drush dl
```

```
drush site-install (si)
```

```
--db-url=mysql://new_site:
```

```
PASS@localhost/new_site --db-su=ROOT --
```

```
db-su-pw=PASS
```

New Site - Advanced

Create a mysql user with create/grant privileges and rights on drupal_*

```
nano ~/.drush/drushrc.php
```

```
<?php $command_specific['site-install'] = array  
( 'db-su' => 'drupal', 'db-su-pw' =>  
'PASSWORD' ); ?>
```

Now you don't need --db-su and --db-su-pw

SQL Stuff

```
drush sql-query (sqlq)
```

```
drush sqlq "SHOW TABLES"
```

```
drush sql-cli (sqlc)
```

```
drush sql-dump
```

```
--result-file = sites/default/SITE.sql
```


Remote Control Drush

You can use drush on a remote server without logging in via ssh.

Clear cache, enable modules, migrate files/database, whatever you need to do from one command in your local terminal.

Mandatory Reading:

<http://drupal.org/node/670460>

SSH Keys

Configuring ssh keys allows drush to interact with a remote server.

```
ssh-keygen
```

```
ssh-copy-id USER@DOMAIN
```

Drush Aliases

```
drush topic docs-aliases
```

```
drush site-alias (sa)
```

```
drush @alias sa
```

Define your local and remote site configurations so that you can transfer files and sync your database with drush.

~/.drush/SITE.aliases.drushrc.php

```
$aliases[site.live] = array (  
    'remote-host' => 'DOMAIN',  
    'remote-user' => 'USER',  
    'uri' => 'site.domain.tld',  
    'root' => '/var/www/drupal',  
);  
$aliases[site.local] = array (  
    'root' => '/home/andrew/www/site',  
    'uri' => 'site.local',  
);
```

drush sql-sync

```
drush sql-sync @site.local @site.remote
```

- Your local database to a remote server
- Works in reverse!

```
--no-cache
```

```
--tables-list
```

```
--tables-key
```

You will need to define a dump directory in your alias file or use `--dump-dir`

~/.drush/SITE.aliases.drushrc.php

```
$aliases['site.stage'] = array (  
  'uri' =>  
  'path-aliases' => array (  
    '%dump-dir' => '/path/to/dump/dir',  
    '%drush-script' => '/path/to/drush',  
    '%files' => 'sites/default/files',  
  ),  
);
```

drush rsync

Copy a site to your computer:

```
drush rsync @site.remote @site.local
```

Or copy just the files:

```
drush rsync @site.remote:%files @site.local:%files
```

Using current directory:

```
drush rsync @site.remote:%files .
```

Directory syntax:

```
drush rsync @site.live:sites/default/files .
```

man rsync

drush make

Create a makefile from a built site:

```
drush generate-makefile sites/SITE.make
```

Download and install Drupal from a make file:

```
drush site-install (si) --db-url=mysql://...
```

You can specify in the make file where to download custom modules!

Drush Scripting

```
<?php
$article_node_rows = db_query("select nid from {node} where
type='article'
  and status=1;");
while ($article_node = db_fetch_object($article_node_rows)) {
  $node = node_load($article_node->nid, NULL, true);
  if ( ($node->field_publish_year[0]['year'] < 2010) && (31 ==
    $node->author_id)) {
    echo "goodnight article $node->nid : $node->title\n";
    $node->status = 0;
    node_save($node);
  }
  $node = NULL;
}
?>
```

Tips and Tricks

fix-permissions.sh

<http://drupal.org/node/244924>

Keep aliases and make files in your Dropbox and use symlinks in your .drush dir to rapidly deploy sites on different computers.

Additions

drush features

drush views

- vl, va, ven