



Drush

**Drush for All : Beginner , Developer, Project
Manager, DBA , Webmaster**

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What is Drush?

- **Drupal + Shell = Drush**
- **Drush is an awesome command-line shell and scripting interface for managing Drupal right from your server command line.**
- **It's Not a Drupal module but package to be installed on your computer os**
- **One can extend drush to write custom drush commands**

History of Drush!

Drush was originally developed by Arto for Drupal 4.7, and In May 2007, it was partly rewritten and redesigned for Drupal 5 by Frando.

Thanks to

Arto: <https://drupal.org/user/26089>

Frando : <https://drupal.org/user/21850>

Why You should use Drush?

- **Drush is Less Typing == More Productivity**
- **Lots of useful commands for interacting with code like modules/themes/profiles**
- **Easy to run update.php , executing sql queries, DB migrations, and misc utilities like run cron or clear cache**
- **Commands for Site administration**
- **Making every day tasks fun**

Druuuupal != Drusssh

- Some people pronounce the dru with a long u like Drupal, but they are in the minority.
- Most pronounce Drush so that it rhymes with hush, rush, flush, etc. This is the preferred pronunciation.
- Its Drupal not Couple , Its Drush like Crush!

Start to go links for Drush?

drush.org == drush.ws

<http://drush.org/resources>

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

<https://github.com/drush-ops/drush>

<https://drupal.org/node/1791676>

<http://drupalcode.org/project/drush.git/>

REQUIREMENTS

- To use Drush, you'll need a command line PHP version 5.3+.
- Drush commands that work with git require git 1.7 or greater.
- Drush works best on a Unix-like OS (Linux, OS X)
- Most Drush commands run on Windows.
- Drush 6 works with Drupal 6 or Drupal 7.

Drush Installation

- Instructions for installing Drush on different platforms Drupal.org article <https://drupal.org/node/1791676>
- Readme file for Drush: <http://drupalcode.org/project/drush.git/blob/HEAD:/README.txt>
- Installing Drush on Windows <https://drupal.org/node/594744>
- Windows Drush installer http://drush.ws/drush_windows_installer

Installation - Unix(like) machines

- Installing/upgrading Drush on Ubuntu
<https://drupal.org/node/1248790>
“apt-get install drush”
- Installing Drush on MacOS
<https://drupal.org/node/1674222>
- Installing Drush on MacOS using ‘Homebrew’
Package manager “brew install drush”
<https://drupal.org/node/954766>

Beginner in Drush

```
$drush [options] <command> [argument1]  
[argument2]
```

```
$drush
```

```
$drush help , drush help > D:\drush_help.txt
```

```
$drush topic
```

```
$drush status
```

Drupal Installation = Two Commands

```
> drush dl drupal-7.24 --  
destination=drushsitedemo
```

```
> drush site-install standard --account-  
name=admin --account-pass=admin123 --db-  
url=mysql://root:@localhost/drushsitedemo
```

Drush Commands

- **Drush Core commands**
- **Drush Project Manager commands**
- **Drush Site administrator commands**
- **Drush User administration commands**
- **Drush DBA SQL commands**
- **Drush Webmaster commands**
- **Drush Frequently used commands for Drupal site**

Drush Core commands

- `drush site-install standard --account-name=admin --account-pass=admin --db-url=mysql://root:@localhost/drushsitedemo`
- `drush core-config` , `drush status` , `drush topic`
- `drush cron`
- `drush status-report > _work/status_report.txt`
- `drush dd` , `drush dd files`
- `drush help dd` , `drush help core-config`
- `drush updatedb`
- `drush php-eval "variable_set('hello', 'world');"`
- `drush image-flush thumbnail`

Drush Project Manager Commands

- **drush dl admin_menu , coder , hacked -- destination=sites/default/modules/contrib**
- **drush en admin_menu, hacked**
- **drush dis toolbar , overlay**
- **drush pm-uninstall toolbar , overlay**
- **drush pm-info; drush pmi hacked**
- **drush pm-list --type=module --status=enabled --core**
- **drush pm-list --type=theme --status=enabled**

Drush Project Manager Commands

- drush pm-refresh
- drush pm-releasenotes
- drush pm-update
- drush pm-updatecode
- drush queue-list
- drush watchdog-list , drush watchdog-show,
drush watchdog-delete ,

Drush : Install / Disable Modules

- **drush dl admin_menu --
destination=sites/default/modules/contrib**
- **drush en admin_menu**
- **drush dis toolbar**
- **drush dis overlay**
- **drush dl views --
destination=sites/default/modules/contrib**
- **drush en views_ui**

Drush Create & Install Sub Theme

- `drush dl omega -- destination=sites/default/modules/contrib`
- `drush cc all`
- `drush omega-wizard`
- `drush status`
- `drush cc` or `drush cc all`

Drush Drupal Variable Commands

- `drush vget file_public_path`
- `drush vget file_temporary_path`
- `drush vset file_temporary_path`
`“sites/default/files/tmp”`
- `drush vset preprocess_js 1 --yes`
- `drush vset preprocess_js 0 --yes`

Drush Site Administrator Commands

- `drush archive-dump default -- destination=_work/drushsitedemo.tar`
- `drush archive-restore ./drushsitedemo.tar -- destination=D:\xampp\htdocs\drushsiteclone\ ;`
- `drush site-alias`
- `drush site-alias @demo1`
- `drush site-set user@D:
\\xampp\htdocs\drushsitedemo#drushsitedemo`

Drush User Administrator Commands

- `drush user-create tomjack --mail="tomjack@gmail.com" --password="tomjack@123"`
- `drush user-information tomjack ;`
`drush user-information 1,11`
- `drush user-add-role "administrator" tomjack`
`drush user-add-role "administrator" 11`
- `drush user-block tomjack;`
- `drush user-unblock tomjack`

Drush User Administrator Commands

- `drush user-remove-role "administrator" tomjack`
`drush user-remove-role "administrator" 11`
- `drush user-login tomjack ; drush user-login 11`
- `drush user-password tomjack --password="Tom@jack_2014"`
- `drush user-cancel tomjack`

Drush DBA SQL Commands

- `drush sql-cli ; drush @demo1 sql-cli`
- `drush sql-connect ; `drush sql-connect` < example.sql`
- `drush sql-create --db-su=root --db-su-pw= --db-url="mysql://root:@127.0.0.1/drushdemo3"`
- `drush sql-drop --target=watchdog,cache,cache_block`
- `drush sql-dump --result-file=drupal-7.24/drushdemo1_backup.sql`

Drush DBA SQL Commands

- **drush sql-query "SELECT * FROM users WHERE uid=1"**
- **drush sql-sync**

Drush Site Aliases

- `.drush/aliases.drushrc.php`

<https://drupal.org/node/1401522>

<https://www.lullabot.com/blog/article/new-features-drush-3>

```
$aliases['demo1'] = array(
  'root' => 'D:\xampp\htdocs\drushsitedemo',
  'uri' => 'http://dev.drushsitedemo.com',
  'db-url' => 'mysql://root:@127.0.0.1/drushsitedemo',
  'path-aliases' => array( '%files' => 'D:\xampp\htdocs\drush_tmp', ),
);

$aliases['opigno'] = array(
  'root' => 'D:\xampp\htdocs\drupal.lms\dev.opignolms.com',
  'uri' => 'http://dev.opignolms.com',
  'db-url' => 'mysql://root:@127.0.0.1/opignolms',
  'path-aliases' => array( '%files' => 'D:\xampp\htdocs\drush_tmp', ),
);
```


Drush Contributed modules

- Drush Registry Update (drush dl registry_rebuild and drush rr)
- Drush Extras (drush grep / drush block-configure / drush menu-create)
- Module Builder (drush mb my_module menu cron form_alter)
- Drush Site Upgrade (drush dl drush_sup)
- Site Audit (drush ac --html --detail > report.html)
- <https://drupal.org/taxonomy/term/4654>

Drush FAQ's

- <https://drupal.org/drush-faq>
- <https://drupal.org/documentation/modules/drush>
- <http://drush.ws/sites/default/files/attachments/Drush%20Installation%20Guide.pdf>

Thank You

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