Intro to Drush

Check If It's Installed on Your Server

- `drush help`

- `which drush`

- `drush --version`

Download and Install Drush

- `curl` http://ftp.drupal.org/files/projects/drush-7.x-5.1.tar.gz `| tar zxv`

- `echo $SHELL`

- `vi ~/.bash_profile`

- `alias drush='~/drush/drush.php'`

- `source ~/.bash_profile`

- Note: you can install multiple versions of drush this way; e.g.
  `alias drush4='~/drush4/drush.php'`

Drush Drupal Core Commands

`drush help` `drush help	grep download`    `drush help dl`	`drush dl`
`drush en`	`drush dis`
`drush pml`	`drush sql-connect`
`drush sql-cli`	`drush sql-dump`
`drush sqlq`	`drush vget`
`drush vset`	`drush vdel`
`drush up`	`drush mmas`

Drush Site Aliases

- `mkdir ~/.drush`

- `cp ~/drush/examples/example.aliases.drushrc.php ~/.drush`

- `mv ~/.drush/example.aliases.drushrc.php ~/.drush/site1.alias.drushrc.php`

- `vi ~/.drush/site1.alias.drushrc.php`

- A simple site1.alias.drushrc.php file would include:
  `<?php`

```
        $aliases['site1'] = array(
                'root' => '/afs/ir/group/mygroup/cgi-bin/drupal',
                'uri' => 'default',
        );
    ?>
```

- `drush @site1 cc all`

Drush Contrib Commands

- `drush imagecache-flush`
- `drush generate-content`

More Fun with Drush

- Drupal QuickStart http://drupal.org/project/quickstart
  - `drush help qc`
- Drush Make (included in Drush 5 core; earlier at https://drupal.org/project/drush_make
  - `drush help make`

(Almost) Passwordless SSH

On Leland, with Kerberos and GSSAPI

- ○ Install Kerberos (included in Stanford Desktop Tools)

- ○ Get Kerberos credentials at login (Mac)

    - ▪ http://www.stanford.edu/group/macosxsig/blog/2008/02/getting_kerberos_credentials_a_1.html

    - ▪ Edit ~/.ssh/config to include the following lines:
      ```
      Host corn

            GSSAPIDelegateCredentials yes

            GSSAPIAuthentication yes

            GSSAPIKeyExchange no

      Host *.stanford.edu

            GSSAPIDelegateCredentials yes

            GSSAPIAuthentication yes

            GSSAPIKeyExchange no

      Host *.*

            GSSAPIDelegateCredentials no
      ```
    - ▪ `ssh sunetid@corn.stanford.edu`

    - ▪ `ssh corn`

- ○ On Windows XP/7 it's easier, just configure SecureCRT to use Kerberos and GSSAPI authentication

On other servers, with ssh authorized_keys

- • http://www.eng.cam.ac.uk/help/jpmg/ssh/authorized_keys_howto.html