Introduction

- Christian Pearce
- xforty technologies
- Long time FLOSS advocate

Aegir and Drush: A new workflow

- ## Past, Present
  - Subversion

- ## Future
  - Aegir
  - Drush Make
  - Features
  - Patterns?

But First, Why Workflow?

- Who cares?
  - Efficiencies = Competitive advantage
  - Do more with the same set resources
  - Reduce complexity
  - Automate or DIE!

Vendor Branch and Merge

- Vendor drops via svn-load

- Fork vendor branch via cp

- Make your changes

- Vendor drop next version

- svn merge old-vendor-branch new-vendor-branch in to your branch

- Handle conflicts

Sounds great!

- So what's wrong with that?

  – Nothing, but...

  – Tracking the branches is cumbersome and time consuming

  – Updating all your sites requires a lot of manual work

  – Hard create a repeatable process to create a fully populated Drupal

  – The need for modifying vendor virtually nil at this point

Transition

- Covered Subversion

- Introduce tools centered on Drupal

Drush?

- Before we get into the new Workflow what is drush?

- Command line tool for Drupal

Drush – Site Aliases

- SQL push and pull
- files rsync
- http://drupal.org/node/670460

Drush Make

- Modules
- Patches
- Libraries
- Features
- Version Control

Drush Make

- So What?

- Rebuild a website that has all the modules all ready setup

- Promotes collaboration outside of drupal.org CVS

"We now write Drush Make files for even our smallest one-off builds."

~Jeff Miccolis

Examples

- OpenAtrium
  https://community.openatrium.com/docu mentation-en/node/1420

- Managing News

- Buildkit

Wait where is GIT?!?

- Branch or separate repo to support specific customer needs

- http://developmentseed.org/blog/2010/jul/27/drush-make-files-production-drupal-sites

Aegir

- Hosting
- Provisioning
- Hostmaster

Aegir Components

- Servers
- Platforms
- Sites

Aegir Automation

- Puppet setup
  http://github.com/bwood/puppet-aegir

- Right your own task that use
  puppet or chef

New Site Starts

- Development → Production

- Pulling Production databases down as needed

- http://developmentseed.org/blog/2009/jul/09/development-staging-production-workflow-problem-drupal

Features

- Encode Configuration into Code
- Allows for override
- Alleviates by hand configuration

Features Server

- http://developmentseed.org/blog/2009/jun/24/distributed-feature-servers-drupal

-

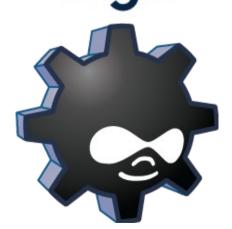## Sharper Tools

- Do what you need to adjust it

Configuration Management (3C's)

- Code - Bits on Disk (Platform), Modules, Themes

- Configurations (Creating Features out of band compared to platform)

- Content (End user)

Resources

- http://developmentseed.org/blog/2010/sep/30/features-and-exportables-drupal-7

- http://www.drupaler.co.uk/blog/scared-features-dont-be/492

- http://sf2010.drupal.org/conference/sessions/aegir-hosting-system-one-drupal-rule-them-all