

Ægir

Skynet for Drupal!



Handout

More info than I could possibly
squeeze into 45 minutes!

Grab a copy on your way out

or

mig5.net/files/DDU2012.pdf



Who am I?

- Miguel Jacq a.k.a mig5
- Freelance sysadmin and consultant
- Melbourne-based
- Ægir core developer



On the Ægenda

- What is Ægir anyway?
- The web interface (basic usage)
- Command-line & automation (skynet)
- Questions (if we have time!)



What is Ægir?

A Drupal-powered
hosting system to
provision and manage large
networks of Drupal **sites.**

aegirproject.org



What does that mean?

- Web-based **control panel** (built in Drupal) + **Drush** / other bits
- Your sites, codebases (**'platforms'**) and servers are Drupal **nodes**
- These are managed via **'tasks'**

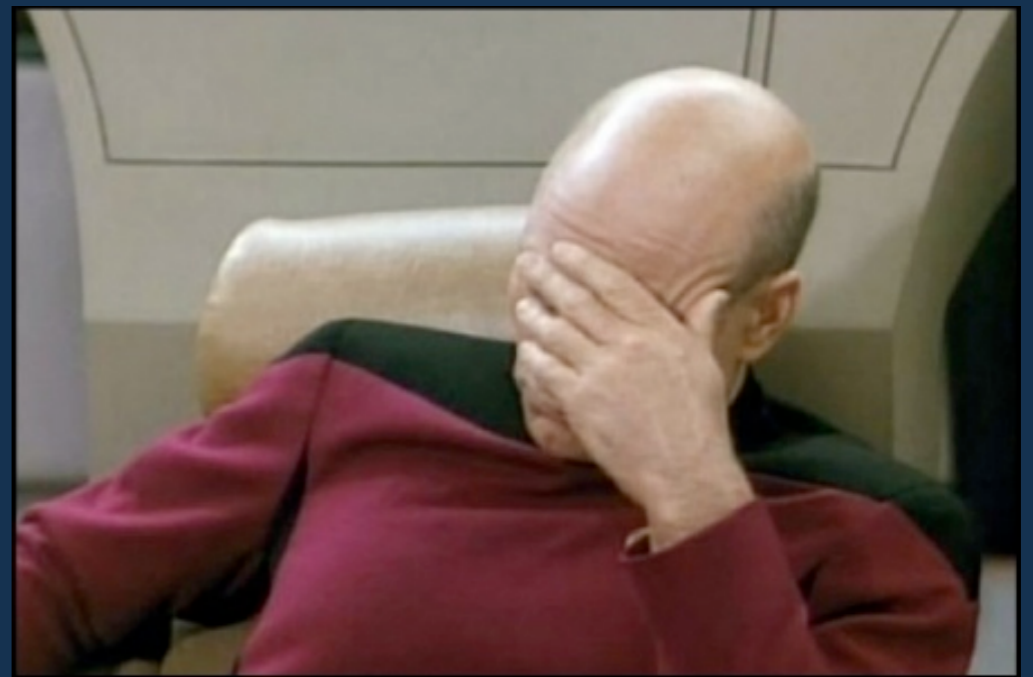
How it hooks together

- **Frontend** (web interface) and **backend** (server-side)
- Frontend stores and displays data
- Backend takes the data, does the work
- **apt-get install aegir !**



Basic Usage

- Setting up platforms
- Installing sites
- Drush Make
- Migrating (upgrading)



Live Demo!
What could go wrong?

What else can I do?

Contrib Modules

<http://community.aegirproject.org/contrib-modules>

Hooking into the API

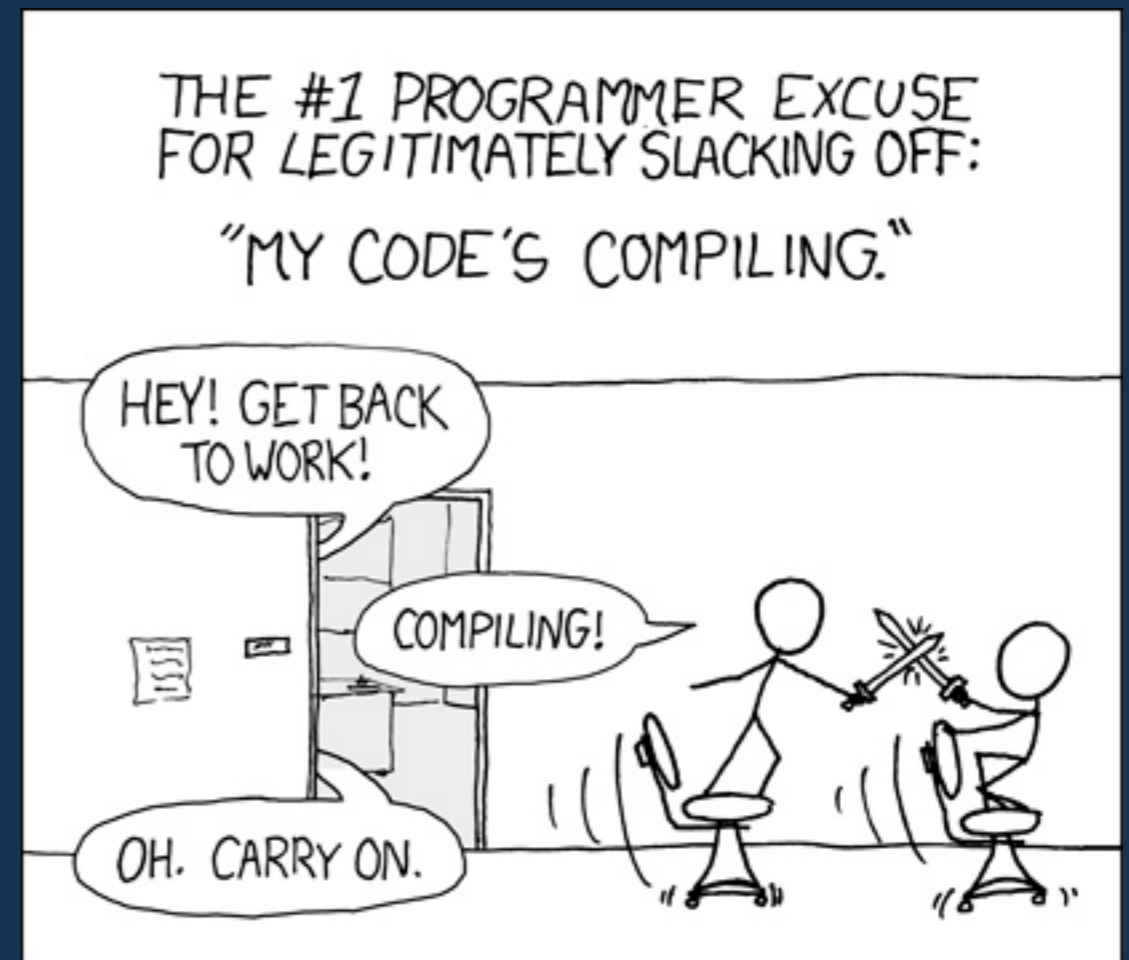
<http://community.aegirproject.org/node/39>

<http://api.aegirproject.org>



Advanced Usage

- Frontend might be OK for your purposes
- But CLI is cooler ;-)
- Automate releases!
- Work less!



Advanced Usage

Backend consists of

'drush provision' commands

drush help | grep **provision**

drush help provision-**\$command**

Advanced Usage

drush **@foobar** provision-migrate **@target_platform**



drush alias

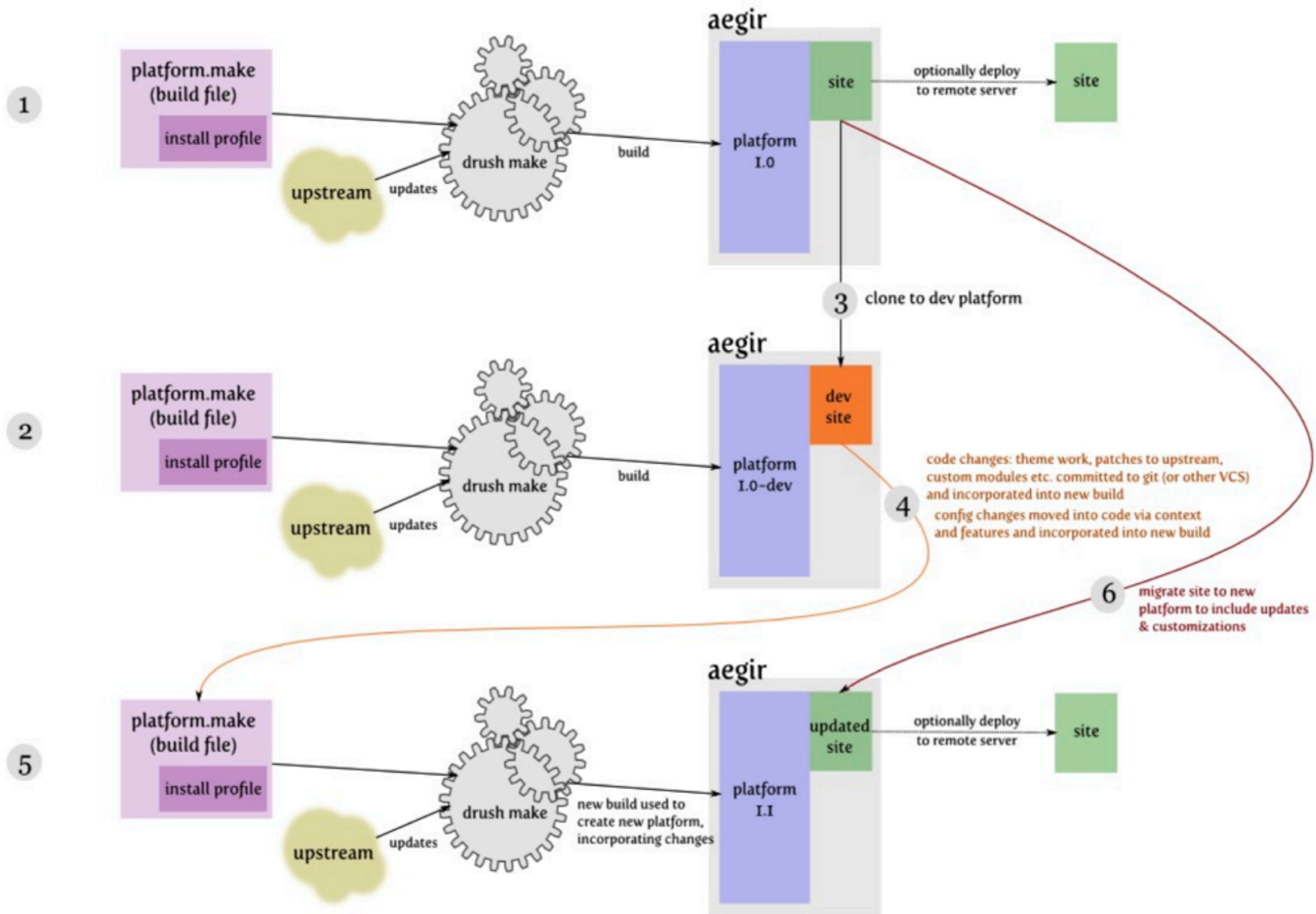


task



argument

Example drupal development workflow using drush and aegir



Advanced Usage

That was 2009

This is still the best workflow

But it's very time-consuming from the GUI!

Why not let skynet take care of it!

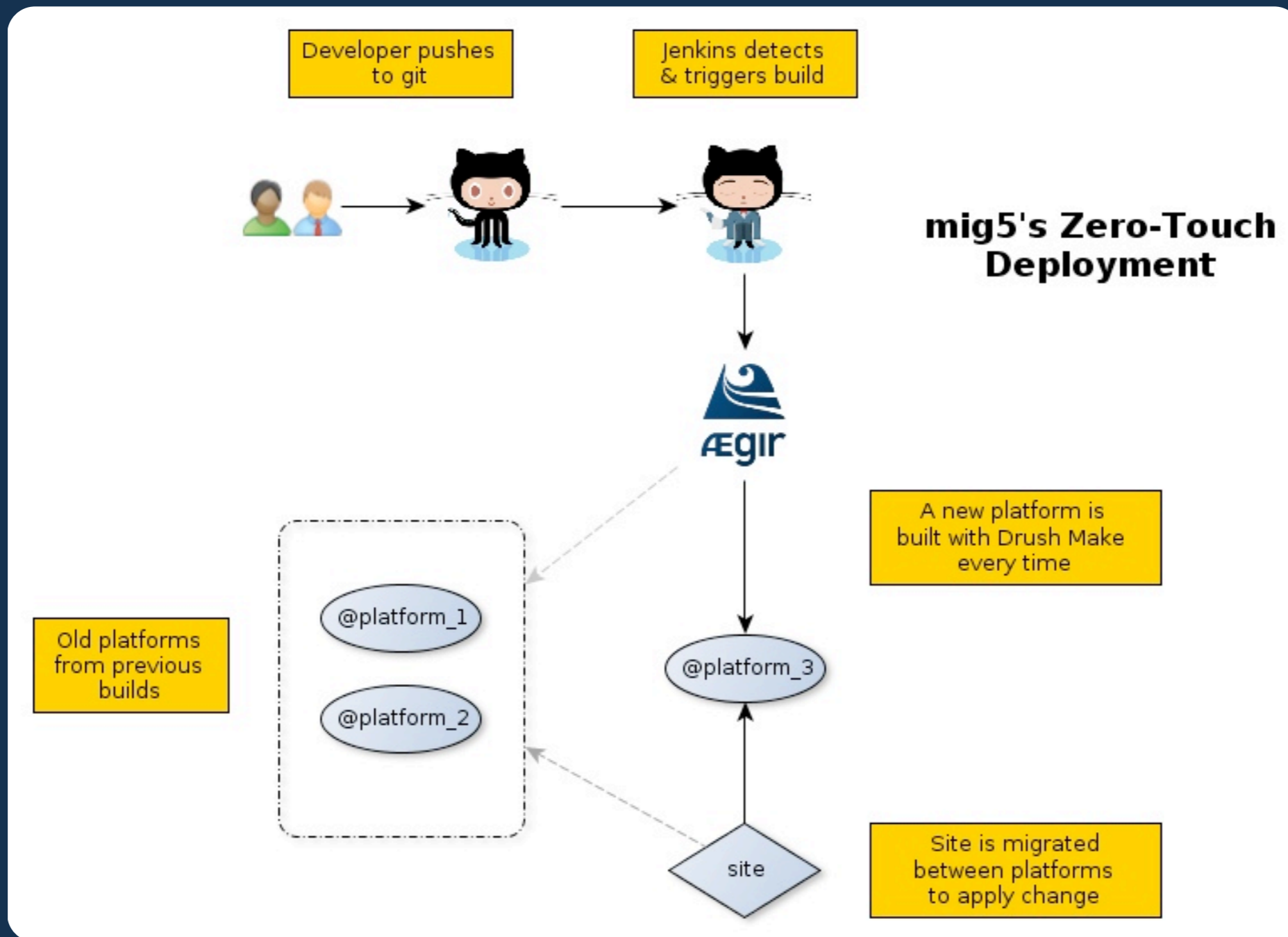


Reacting to change

Jenkins

Git





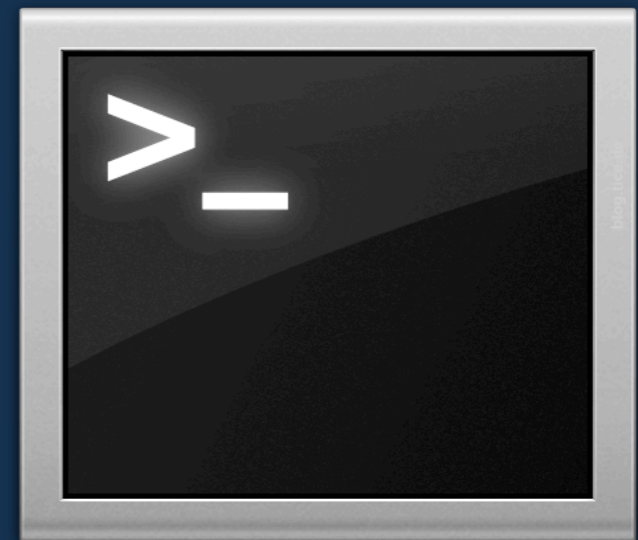
github.com/mig5/aegir_cid



Automation (abridged)

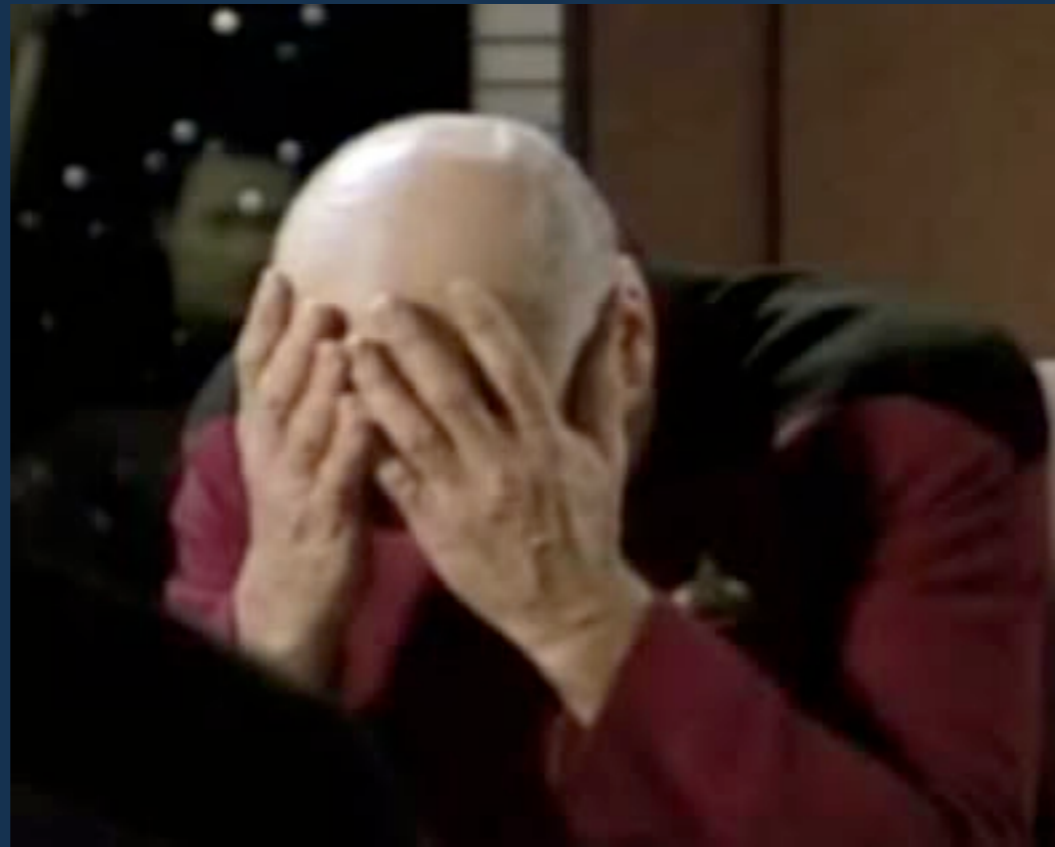
SSH (Fabric / Capistrano)

- drush @platform **provision-save**
(creates the new platform's Drush alias)
- drush @platform **provision-verify**
(invokes drush make, builds new codebase)
- drush @site **provision-migrate**
(moves site to new platform, invokes drush updatedb)
- drush @platform **hosting-import**
(tells frontend that site is on new platform)



Another Live Demo

Absolutely nothing could go wrong!



Thanks!

drupaldownunder.org/feedback

Questions (if we have time!)

Grab the **handout**

Docs, addons, howtos, support, and more:

community.aegirproject.org



mig5.net

