

Best practices, workflow and how not to break your site

DrupalGov Canberra - <http://goo.gl/KZL2YH>

ACQUIA®

By Adam Malone



var_dump(\$me);

- Adam Malone / typhonus
- Client Advisory - Acquia APJ
- Created my first HTML site: 2009
- SSH'd into my first server: 2010
- Found out about Drupal: May 2011
- First core commit: Aug 2012 (Issue #304540)

Acquia

- Drupal as a Service
- Infrastructure, Support, Workflow
- Hosted on scalable managed AWS instances
- *Overall a pretty rad company*

`var_dump($this_talk);`

- Drupal best practices
- Development workflow
- How not to break Drupal
- Questions

Drupal best practices



Drupal best practices

- Module choice
 - Contrib / Custom
- Writing custom modules
 - Performance
 - Security
 - Coding standards
- Features
- Don't code/test on prod
- Learn *The Drupal Way*

The Drupal Way™

- Try not to write in PHP, write in Drupal
- The Drupal API
 - modules
 - hooks
 - alters
 - \$conf
 - DBTNG
- Never hack Core (*almost never*)

Development workflow: Tools

- Drush
 - Aliases
 - Local
 - Remote

- VCS
 - git
 - svn
 - revisioning






Development workflow: Drush

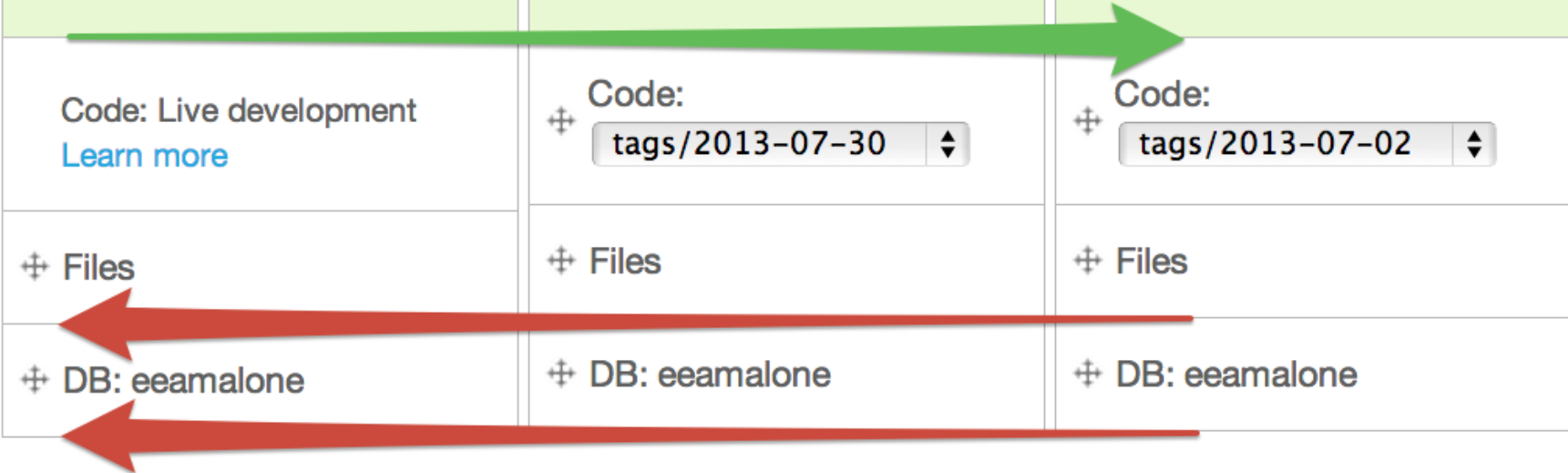
```
<?php
```

```
$adam = array(  
  'remote-host' => 'adammalone.net',  
  'root' =>  
  '/var/www/html/adammalone/docroot',  
  'uri' => 'adammalone.net',  
  'strict' => 0,  
  'path-aliases' => array(  
    '%dump-dir' => '/home/adammalone/drush-  
dumps/adammalone.net',  
  ),  
);  
  
$aliases['adam.prod'] = $adam;  
  
$aliases['adam.stg'] = $adam + array(  
  'remote-host' => 'dev.adammalone.net',  
);  
  
$aliases['adam.local'] = $adam + array(  
  'remote-host' => '',  
  'root' => '/Users/adam.  
malone/sites/adammalone/docroot',  
);
```

- ~/.drush
 - drushrc.php
 - aliases.drushrc.php
 - drush.ini

Development workflow: Resources

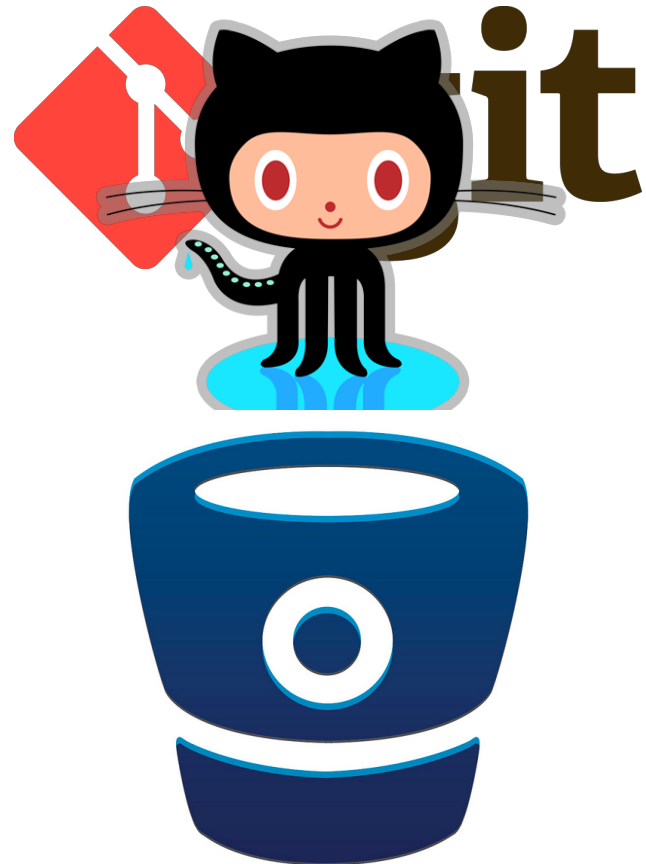
Dev visit  Online	Stage visit  Online	Prod visit  Online, Production Mode
Code: Live development Learn more	Code: + tags/2013-07-30 	Code: + tags/2013-07-02 
+ Files	+ Files	+ Files
+ DB: eeamalone	+ DB: eeamalone	+ DB: eeamalone



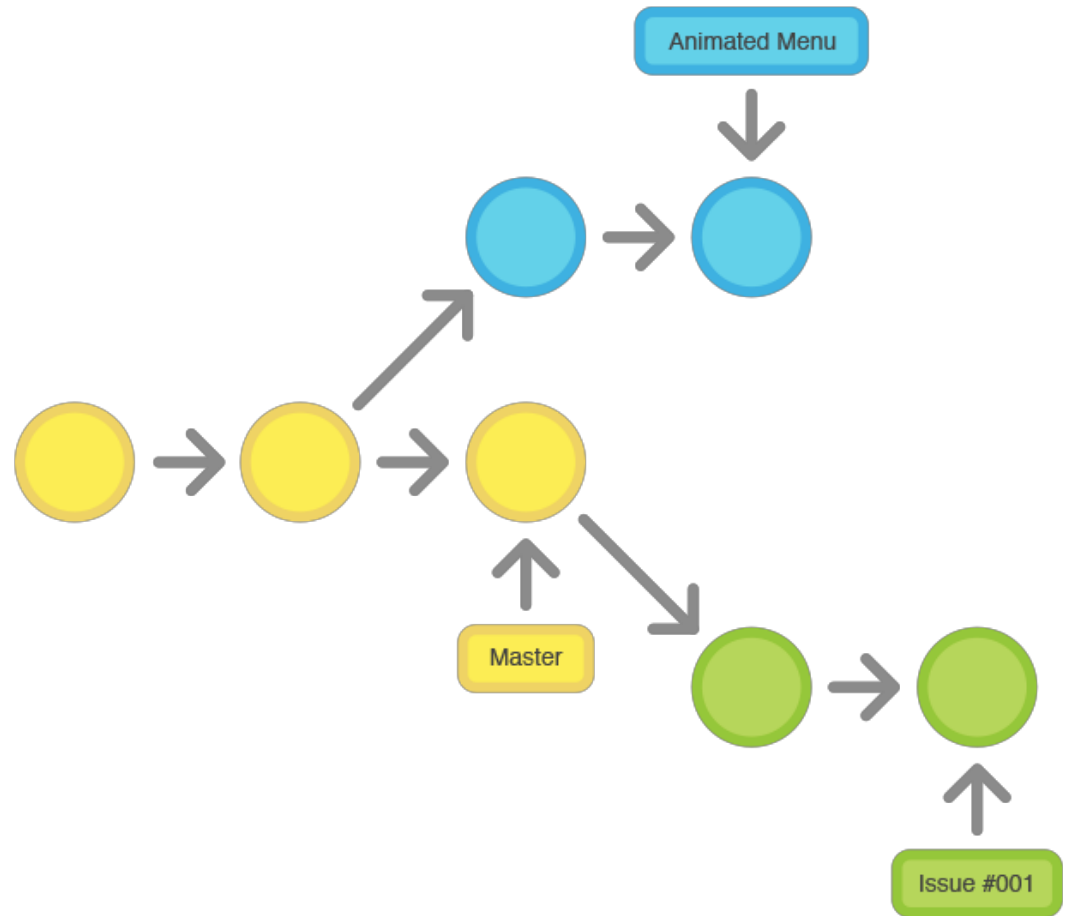
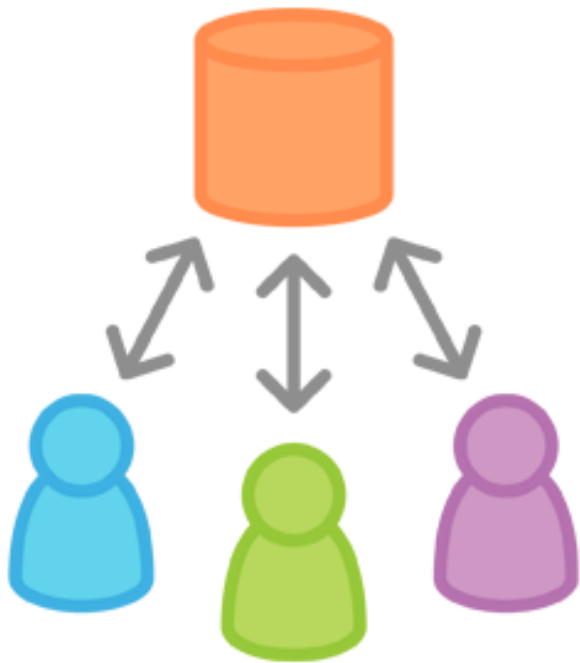
Wish me luck

Development workflow: git

- no revisioning
- **centralised**
- **feature branch**
- gitflow
- forking



Flow



<https://www.atlassian.com/git/workflows>

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How to break Drupal

- Exhausting server resources
- Bad code
 - mistakes/errors
 - bad judgement
- “Accidents”
 - Not deploying tags
 - Clearing caches
 - The unforeseen

How not to break Drupal

CACHE



itor.net

Questions

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 <http://adammalone.net>

