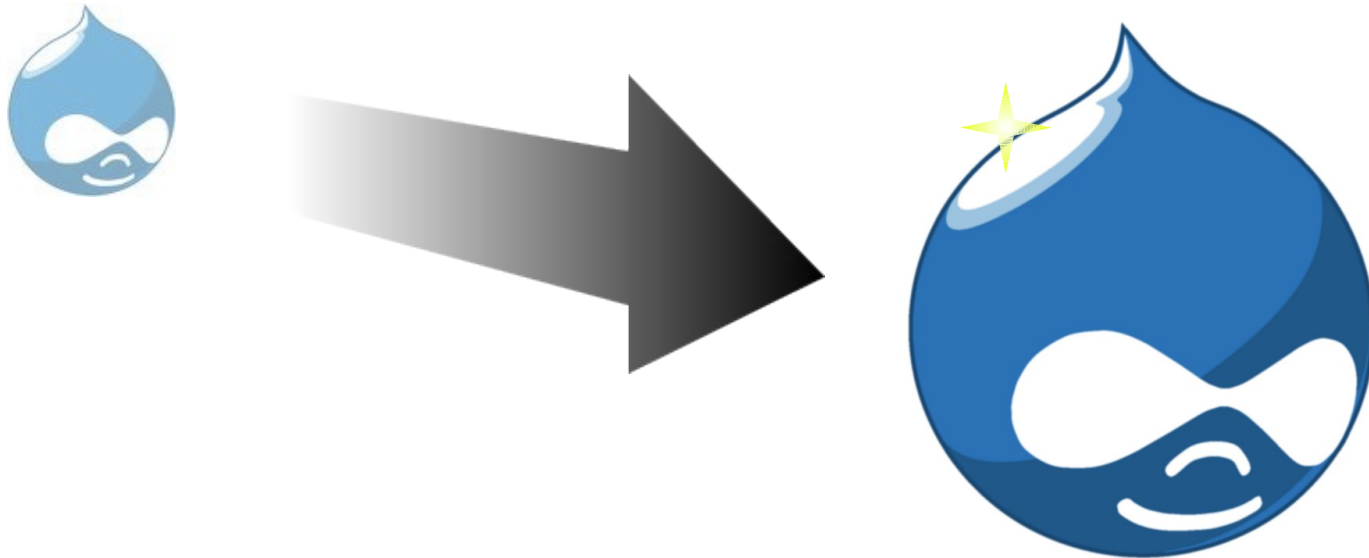
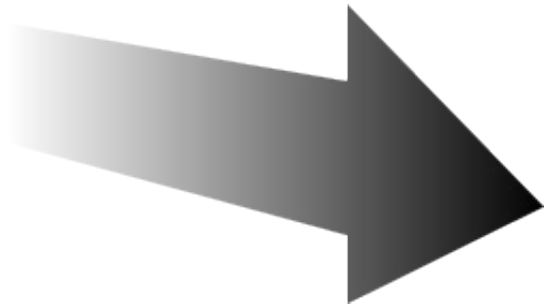


Upgrading Drupal





1. **Backup your existing site and database.**
2. Place the site in "off-line" mode (Administer >> Site configuration >> Site maintenance).
3. **Download and unzip the new Drupal files, and carefully review the information and instructions available in the file UPGRADE.txt (located in the root of your installation directory).**
4. Switch your site's theme to a default theme (Garland or Bluemarine), and disable all contributed or customized modules.
5. **Upload the new Drupal files to your server.**
 - Be aware that if you browse to your site at this point in the process you will see the standard installation script. Since you are only upgrading you should NOT run this script. If you run the installation script it will likely produce errors.
 - NOTE: If you are upgrading to a new major version (e.g. 5.x to 6.x), it is recommended that you remove the old version's code and modules completely before uploading the new version's code.
6. **Run the update.php script, which will update your database.**
7. Re-enable your contributed modules and run update.php
8. Re-enable your theme and if necessary run update.php

<http://drupal.org/upgrade/tutorial-introduction>

Drupal
Modules
Themes

Drupal
Modules
Themes



Content types
Roles
Vocabularies

Drupal
Modules
Themes



Content types
Roles
Vocabularies



Nodes
Users
Terms

Drupal
Modules
Themes



Content types
Roles
Vocabularies



Images
mp3
Attachments



Nodes
Users
Terms

Functionality

Drupal
Modules
Themes

Content types
Roles
Vocabularies

Content

Images
mp3
Attachments

Nodes
Users
Terms

Files

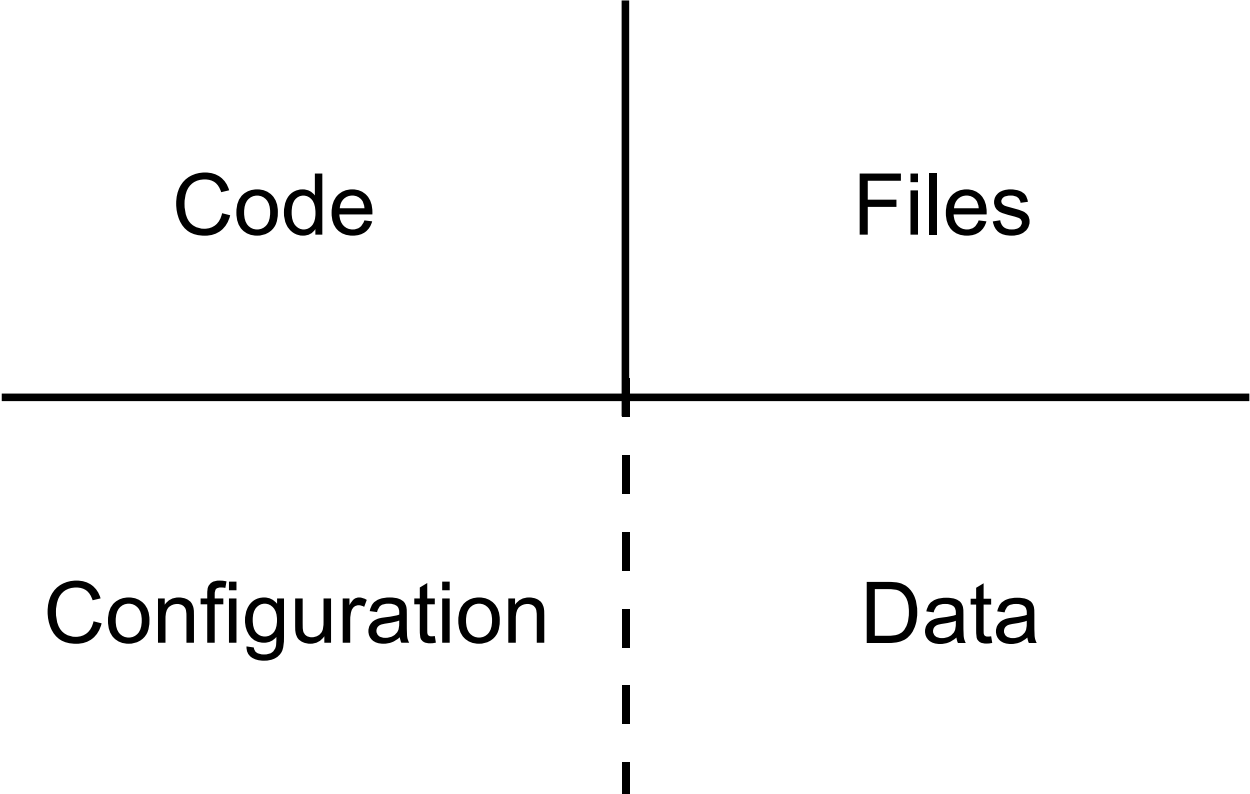
Drupal
Modules
Themes

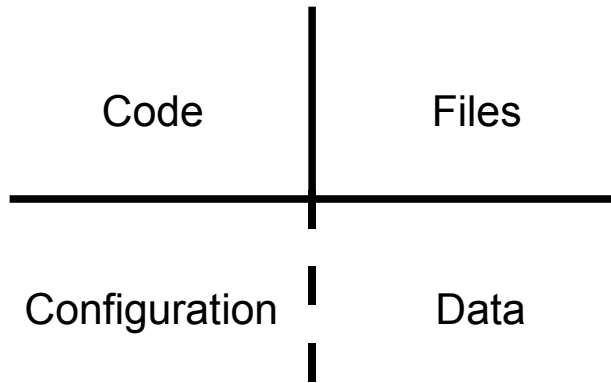
Images
mp3
Attachments

DB

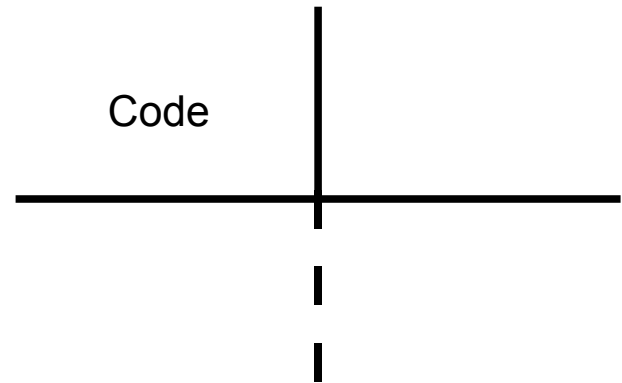
Content types
Roles
Vocabularies

Nodes
Users
Terms

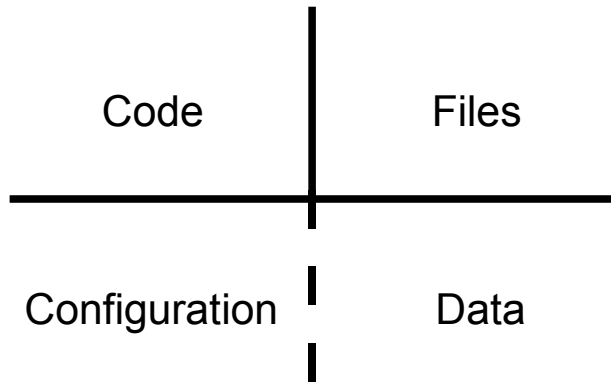




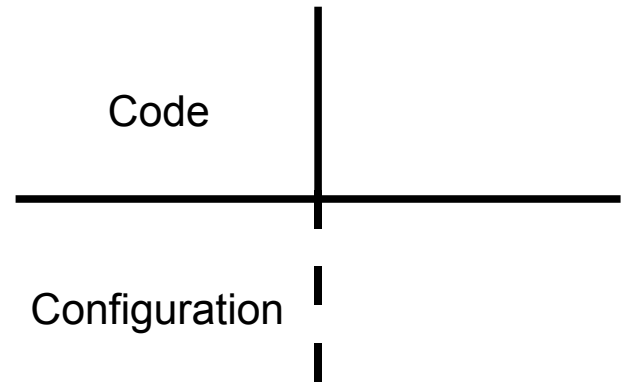
Drupal 5



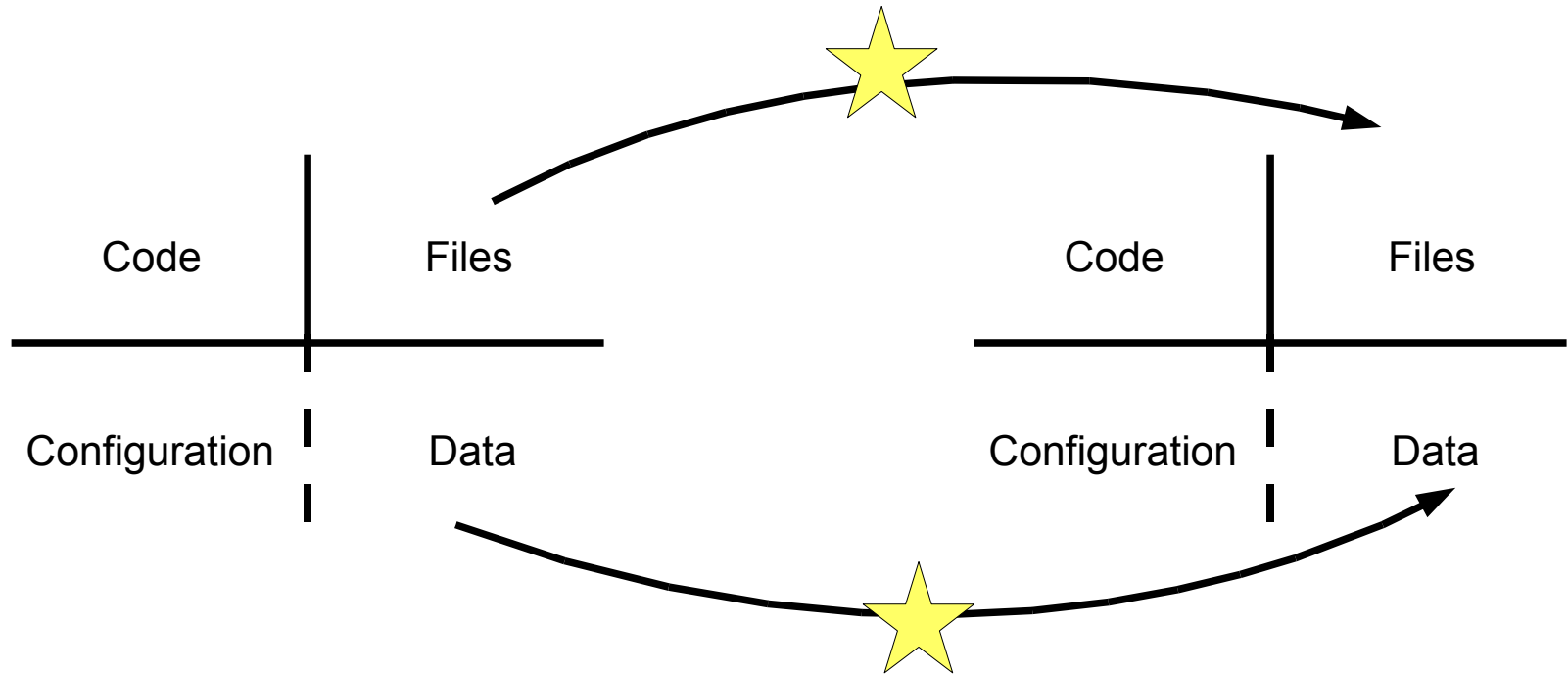
Drupal 6



Drupal 5



Drupal 6



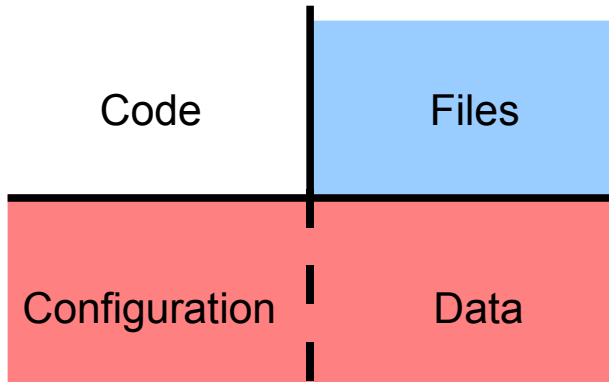
Drupal 5

Drupal 6

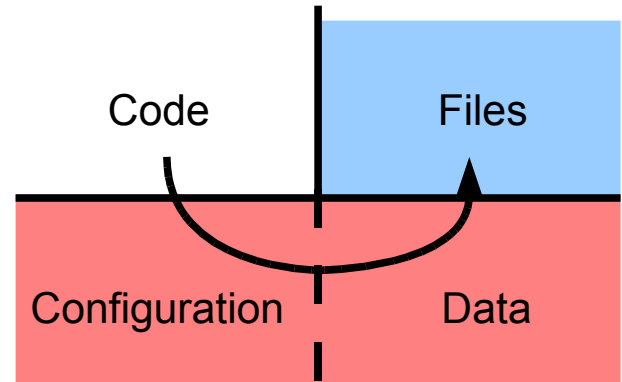


Drupal 5

Drupal 6

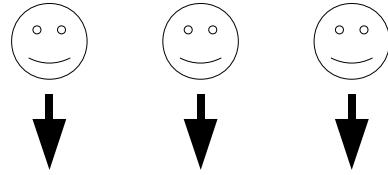


Drupal 5

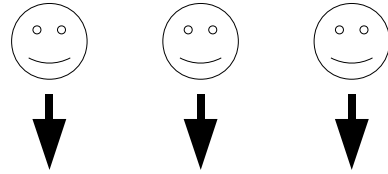


Drupal 6

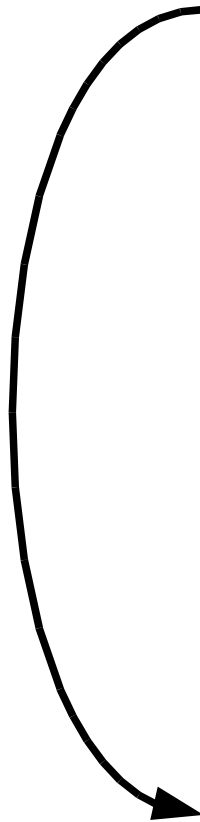
Production



Production



Production

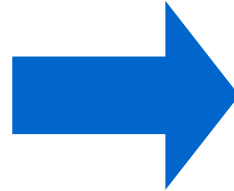


Development

Update modules

Drupal 5

- pathauto
- bio
- simple_menu
- views
- mymodule
- asset

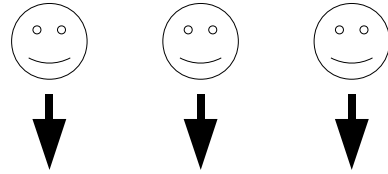


Drupal 6

- pathauto
- content_profile
- admin_menu
- views
- mymodule
- filefield

```
/**  
 * Make comments on all articles read-only.  
 */  
function mymodule_update_123() {  
    variable_set('comment_node_story', COMMENT_NODE_READONLY);  
    $ret[] = update_sql('UPDATE {node} SET comment = 1');  
    return $ret;  
}
```

Tip: check out the Install profile API

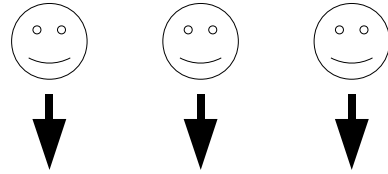


Production

Staging

Development

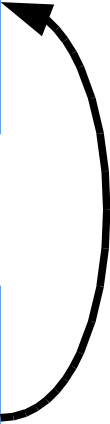


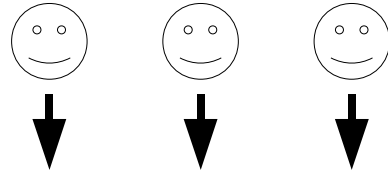


Production

Staging

Development

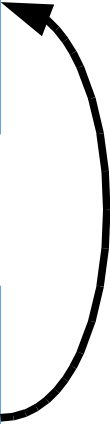


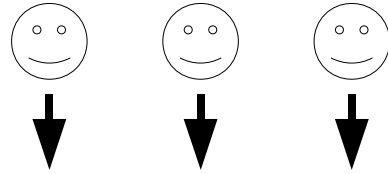


Production

Staging

Development

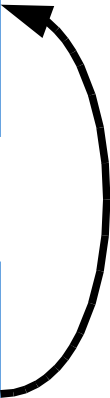


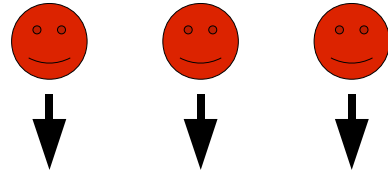


Production

Staging

Development

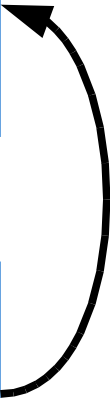


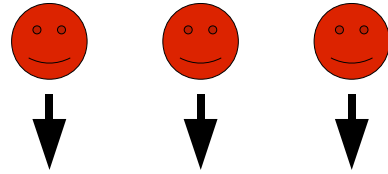


Production

Staging

Development

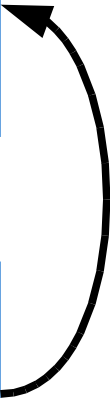


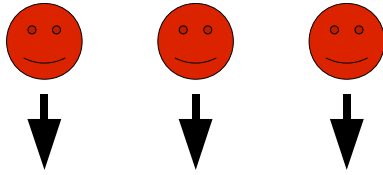


Production

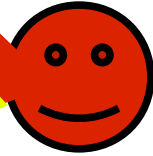
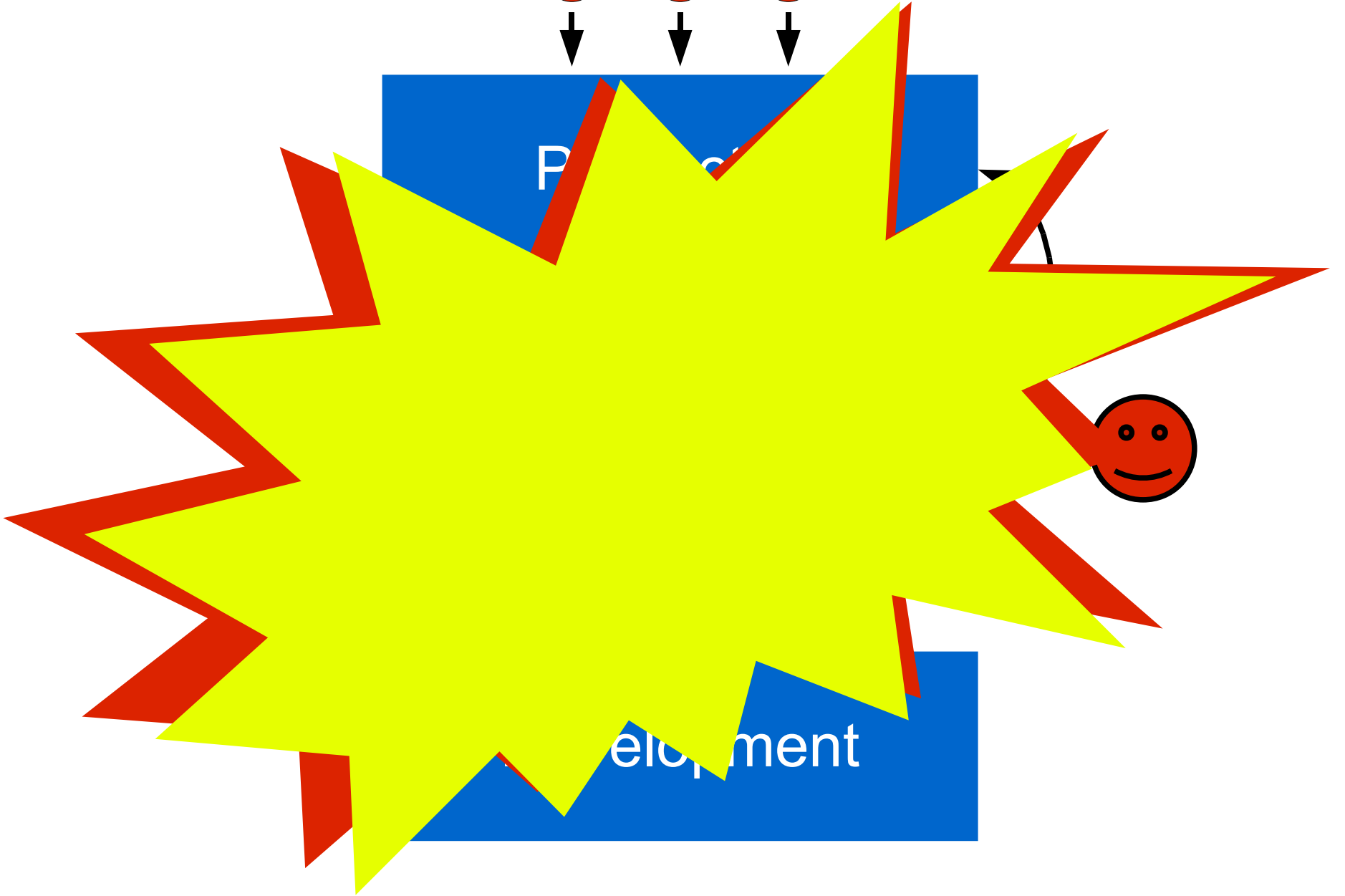
Staging

Development





Pr



Development



Production

Staging

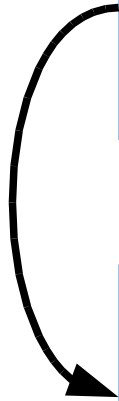
Development



Production

Staging

Development



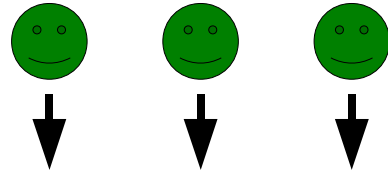


Production

Staging

Development

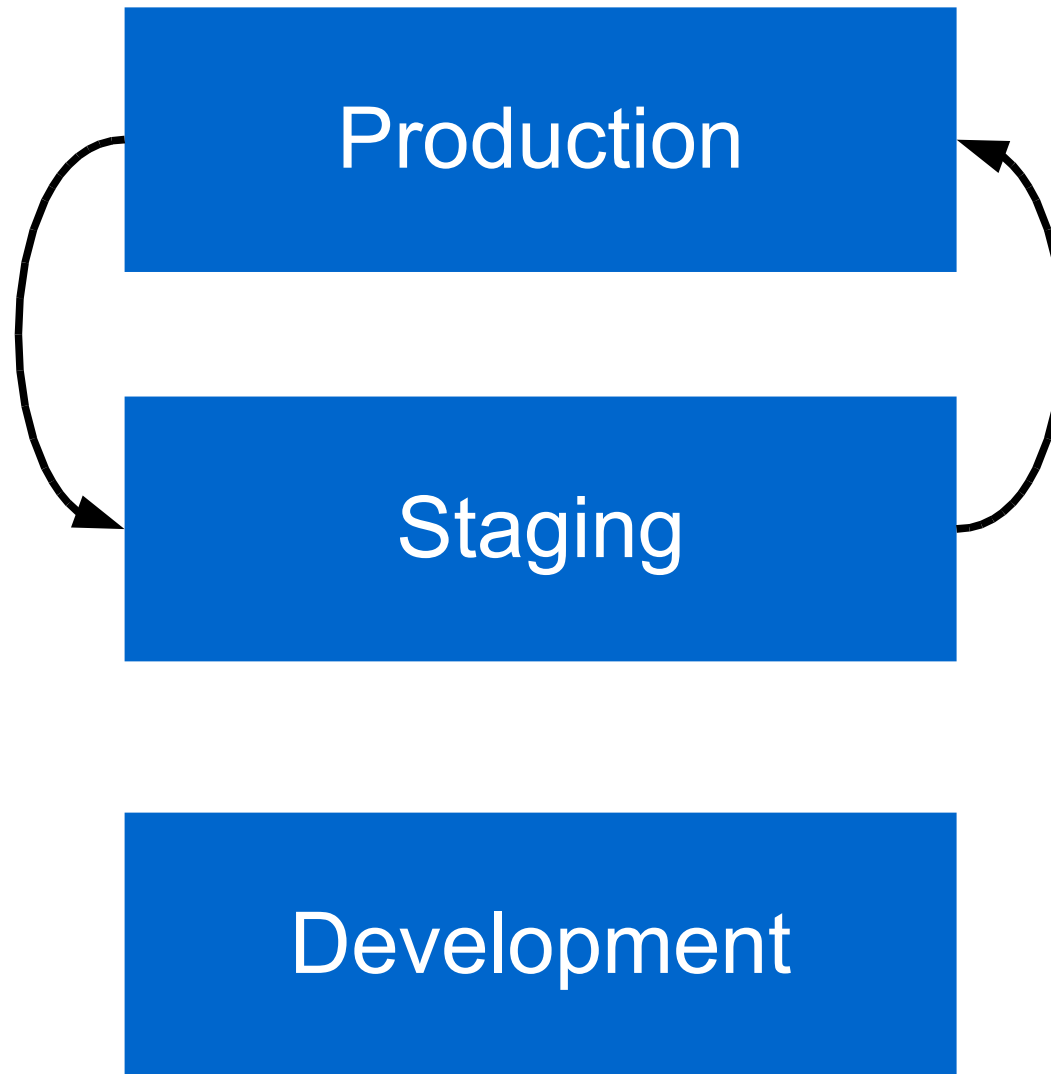
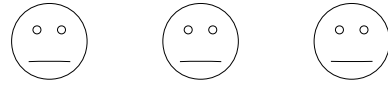




Production

Staging

Development



Automate!

- Use a version control system
 - Use branches for D5 / D6 code
 - svn/git/bzr switch [branch]
- drush
 - Enable / disable modules, run cron, clear caches,...
 - Can be called from shell script

```
#!/bin/bash
```

```
# Restore the database.
```

```
mysqladmin drop mysite
```

```
mysqladmin create mysite
```

```
mysql mysite < mysite-*.sql
```

```
# Restore the code.
```

```
svn switch svn://myrepository/branches/drupal_5
```

```
# Run Drupal 5 upgrades.
```

```
drush updatedb
```

```
# Disable contrib and custom modules.
```

```
drush disable cck views bio pathauto [...]
```

```
...
```

...

```
# Get the core Drupal 6 code.
```

```
svn switch svn://myrepository/branches/drupal_6  
rm -r sites/all/modules
```

```
# Run core updates.
```

```
drush updatedb
```

```
# Re-enable contrib modules and run updates
```

```
svn up sites/all/modules
```

```
drush enable cck views content_profile [...]
```

```
drush updatedb
```

```
drush cache clear
```

```
drush cron
```

Result

- Take site offline
- Copy production DB and files
- Run script
- Push new code, DB and files to production
- Put site back online

- Quick
- Reliable

Tips

- Make backups, often
- Make frequent updates
- Order matters !
- Disable contact with web
- Clean up
- Keep it simple
- [...]

Questions Now ?

Questions Later ?

- florian@happypixels.net
- flobruit on drupal.org and #drupal IRC
- Slides:
<http://happypixels.net/blog/upgrading-drupal>