CakePHP Training

Take control of CakePHP



Course Outline

- Major Topics
 - Security
 - Performance
 - Customization
 - Alternate Content Types

- PhotoBlog Example
 - Photos
 - Uploads
 - Associations
 - Good example

Topic: Security

Security Component

Often hated, but who doesn't hate security?

Blackholed Requests

Securing against malicious users

Prevent XSS

Escape output: h()

```
    <!php foreach ($photo['Label'] as $label) : ?>
        <!i><!php echo h($label['name']); ?>
        <!php endforeach; ?>
```

Other XSS Options

View Class changes, TwigView, etc...

Topic: Alternate Content

Basic Data Access

JSON Output, XML Output, RequestHandler

Rss Feeds

Handy helper available just for you

Topic: Performance

Recursion

Limit by default, increase where needed

```
<?php

class AppModel extends Model {
   public $recursive = -1; // This is your best friend
}</pre>
```

Containable

public \$actsAs = array('Containable');

```
<?php
public $actsAs = array('Containable');
$this->Phot->find('all', array(
    'contain' -> false //No associations
));
$this->Photo->find('all', array(
    'contain' => array(
        'User' -> array(
            'fields' ⇒ ...,
            'conditions' ⇒ ...,
            'order' ⇒ ...
        ),
));
$this->Invoice->find('first', array('contain' => array('Client' => array('Address' => 'Country'))));
```

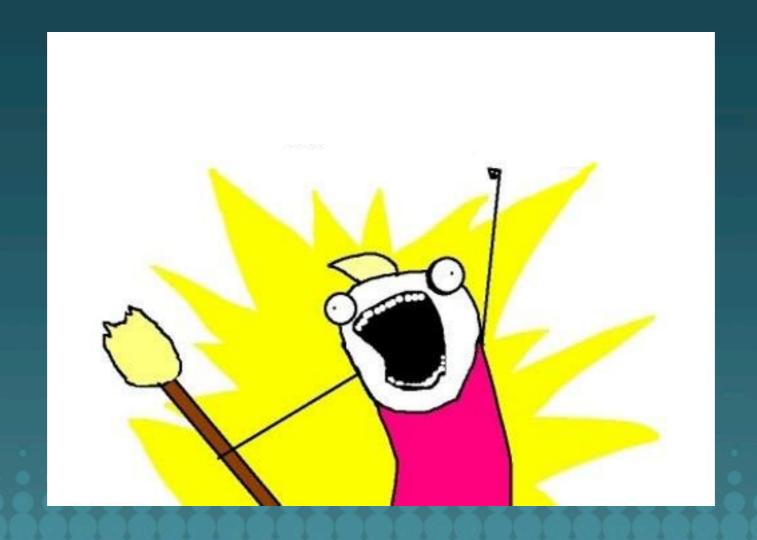
Query Caching

Don't hit the DB twice for the same SQL call

```
<?php
/// NOTES:
    - In-Memory only.
    - Per-request caching
    - Handy as projects get larger
*/
App::uses('Model', 'Model');
class AppModel extends Model {
   public $cacheQueries = true;
```

Full Page Caching

Cache all the things!!



More Caching

Find Caching, Model Caching, read-through, write-through

Topic: Customization

Custom Routes

Short URL for photos: http://site.com/p/1234

Custom Routes

Short URL with slugs: http://site.com/p/my-photo