

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()`

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

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  
}
```

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>