Zend Framework

An introduction and a short overview of the capabilities of the Zend Framework
Introduction?

• I’m Michel Sijmons
• Founder of the company Nibble
• Professional PHP programmer for 5 years
• Writer of the product PHPGenerator
• PHP enthusiast
What we will learn today

• Framework background
• Framework components
• Framework roadmap
• Setting up your environment
• Some examples
Zend Framework background
What is the Framework?

• High quality and opensource
• Designed for developing Web Applications and Web Services
• An opensource answer to Enterprise-grade commercial frameworks
• Zend’s tool to promote PHP use in the Enterprise
What is the Framework?

- Like PEAR, it is a collection of classes that may be used together or separately
- Designed to be free from Intellectual Property disagreements
Project goals

• Provide a repository of high quality components that are actively supported
• Provide a complete system for developing web applications powered by PHP 5
Project goals

• Embrace collaboration and community to further advance PHP 5 programming
• Positively contribute to the PHP 5 ecosystem and the PHP Collaboration Project
PHP Collaboration Project

- a solid framework/development environment
- enriched development tools (Eclipse)
- best practices
Zend Framework License

• BSD license
• Located here:
  http://framework.zend.com/license/
More background

- There is a contribution/proposal process
- All contributors must sign the Contributor License Agreement
- There are rigid standards for writing code
- The framework is fairly easy to use
## Framework components overview

<table>
<thead>
<tr>
<th>Zend_Cache</th>
<th>Zend_Config</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zend_Controller</td>
<td>Zend_Db</td>
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<td>Zend_Feed</td>
<td>Zend_Filter</td>
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<td>Zend_Http</td>
<td>Zend_Json</td>
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<td>Zend_Log</td>
<td>Zend_Mail</td>
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<td>Zend_Mime</td>
<td>Zend_Pdf</td>
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<td>Zend_Search</td>
<td>Zend_Service</td>
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<tr>
<td>Zend_View</td>
<td>Zend_XmlRpc</td>
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</tbody>
</table>
Zend Framework roadmap

• Currently seeking contributions: Zend_Authentication, Zend_Acl, Zend_Db, Zend_File, Zend_Http_Server, Zend_Locale, Zend_Session
• Stable release by ?
• More info: http://framework.zend.com/roadmap/
Future Plans

- Increase support for Web Services
- XML Databases
- OO-RDBMS mapping
- Additional File formats
Setting up your environment
Requirements

• PHP 5.0.4 with PDO extensions required; PHP 5.1 recommended
• Apache HTTPD server recommended for mod_rewrite rules, but not required
• Download from: http://framework.zend.com/download
Set up your app structure

• The following structure is popular:

```
/
  application/
    controllers/
    views/
  library/
    Zend/
  www/
    images/
    styles/
    .htaccess
    index.php
```
Server configuration

- Create an .htaccess file with the following and place in www/

```php
php_value include_path "../library"

RewriteEngine on
RewriteRule !\.(js|ico|gif|jpg|png|css)$ index.php
```
Some examples
What have we learned?

• background on the framework
• overview of components
• quick look at the roadmap
• how to set up your environment
For more information

• Zend Framework: http://framework.zend.com/
• Zend Developer Zone: http://devzone.zend.com/