SUTRIX MEDIA

Zend Framework

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Sutrix Media (Vietnam) JSC.
72/4 Truong Quoc Dung Street, Ward 10,
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Preface

❖ Signature

Originator By: Thuan Nguyen	Date: 15/07/2011
Prepared By:	
	Date: …..../…...../……….
Approved By:	
	Date: …..../…...../……….
Reviewed By:	
Distributed To:	

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❖ Signature Revision History

*A – Added, M – Modified, D - Deleted

Version	Date	A*, M, D	Change Description	Author	Approved By
1.0	15/07/2011	A*		Thuan Nguyen	

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Zend Framework overview

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What is Zend Framework?.

- ❖ Component Library
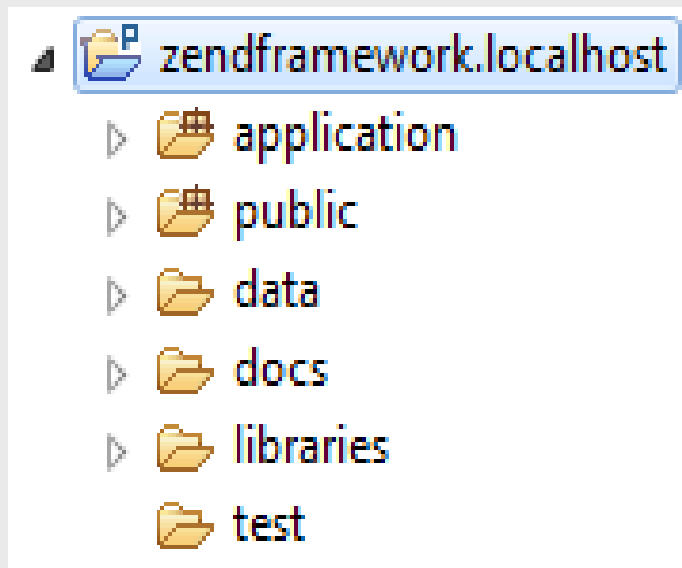 - Many loosely coupled components that you can use more or less independently
- ❖ Application Framework
  - Provides an advanced MVC implementation that can be used to establish a basic structure for your Zend Framework applications
- ❖ Extreme Simplicity
  - Extensible and well-tested code base
  - Flexible architecture
  - No configuration files necessary to get going

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Modular directory structure

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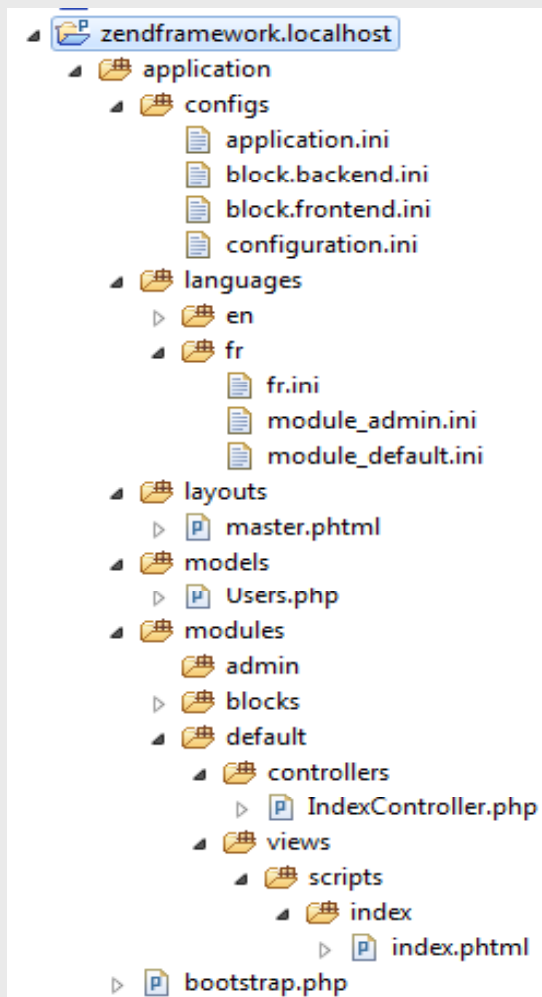75 Mody Road, TsimShaTsui, Hong Kong

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Modular directory structure

❖ **application:**
The main aplication folder

❖ **public:**
This directory would contain the public files for your application: index.php, the front end assets (css, javascript, images, flash etc)

❖ **data:**
This folder holds various information that is temporary, like cache, session data etc

❖ **docs:**
This directory is for documentation automatically generated or hand written

❖ **libraries:**
This directory holds the library Zend Framework files and also other folders for your own library (extended from Zend or not). I have one called SMCore that extends some zend classes

❖ **test:**
This directory would hold the application tests

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Modular directory structure

❖ ## configs:
Contains application configuration files (ex: mysql details).

❖ ## languages:
Holds the language files.

❖ ## layouts:
This directory is for MCV based layouts.

❖ ## models:
This directory holds the application models (in put them here instead of the modules directory since i believe there are common to all application and its more better this way).

❖ ## modules:
I really liked the idea of modules that zend used because it enables you to organize your

controllers and views much better in a separate folder for different sections of a website.

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MVC in Zend Framework

❖ Model

- The "stuff" you are using in the application -- data, web services, feeds, etc.

❖ View

- The display returned to the user.

❖ Controller

- Manages the request environment, and determines what happens.

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MVC in Zend Framework

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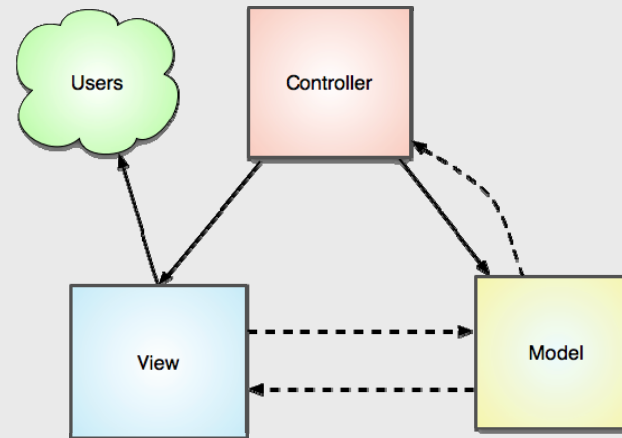
Front Controller

❖ Handles all requests.

❖ Delegates requests to 'Action Controllers' for handling.

❖ Returns response.

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Environments - Rules

❖ **Environments**

- Always using "public" folder
- Turn on "mod_rewrite"

❖ **Coding standards**

- PHP File Formatting: http://framework.zend.com/manual/en/coding-standard.php-file-formatting.html
- Naming Conventions: http://framework.zend.com/manual/en/coding-standard.naming-conventions.html
- Coding Style: http://framework.zend.com/manual/en/coding-standard.coding-style.html
- Inline Documentation: http://framework.zend.com/manual/en/coding-standard.coding-style.html

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Question?

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Module development

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Hello World

❖ **Start application**
- public/.htaccess
- public/index.php
- Zend_Application → Initialize application

❖ **Configuration**
- application/configs/application.ini
- Name space
- Bootstrap
- Front Controller
- Database
- Layout
- PHP settings
- etc…

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Bootrap Class

❖ Init Functions

- _initAutoload()
- _initDB()
- _initHelpers()
- _initView()
- _initViewSettings()
- etc...

❖ Run

- Call main function called run() to dispatch.
  $frontController->dispatch ();

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Thank you

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