



Model View Controller

PHP CodeIgniter

Plain PHP Limitations



Model-View-Controller (MVC)

- Software engineering architectural pattern.
- Isolates business logic from user interface considerations.
 - Enables independent modification of visual appearance of the application or the underlying business rules.

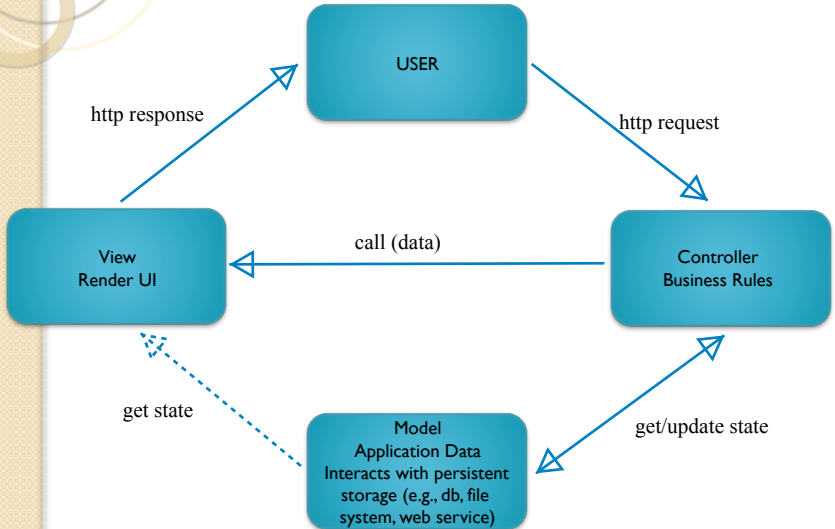




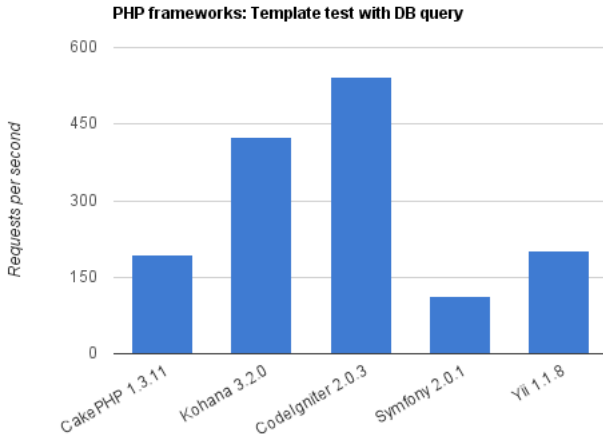
Model-View-Controller (MVC)

- Model: Information (the data) of the application.
- View: User interface, e.g., text, checkbox items.
- Controller: Business rules used to manipulate the data to and from the model.

MVC



PHP Frameworks



The Great Web Framework Shootout

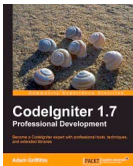
<http://blog.curiasolutions.com/the-great-web-framework-shootout/>

CodeIgniter

- Available at <http://codeigniter.com/>
- Current version 2.1.3
- Documentation: http://codeigniter.com/user_guide/
- Books:



Professional CodeIgniter
Thomas Myer



CodeIgniter 1.7: Professional Development
Adam Griffiths



CodeIgniter Project

- Install under \$APACHEROOT/htdocs
- Rename distribution
 - CodeIgniter_2.1.2 → airuoft
- Open in Eclipse

Directory Structure

- ▼ airuoft
 - ▶ application
 - ▶ css
 - images
 - ▶ js
 - ▶ system
 - htaccess.txt
 - ▶ index.php
 - license.txt
 - ▶ JavaScript Resources
 - ▶ PHP Include Path
 - ▶ PHP Language Library

- ▼ application
 - ▶ cache
 - ▶ config
 - ▶ controllers
 - ▶ core
 - ▶ errors
 - ▶ helpers
 - ▶ hooks
 - ▶ language
 - ▶ libraries
 - ▶ logs
 - ▶ models
 - ▶ third_party
 - ▶ views
 - index.html

