

PHP Framework: Codeigniter

下載：

- <https://codeigniter.com> (en)
- <https://codeigniter.org.tw> (zh-tw)

執行環境：

- wagon: Apache2 + MySQL + PHP (練習環境)
- xampp
- LAMP (最建議)

■ 修改 apache 預設 port 8000 => 80

\wagon-1.3.1\uwamp\bin\apache\conf\httpd_uwamp.conf

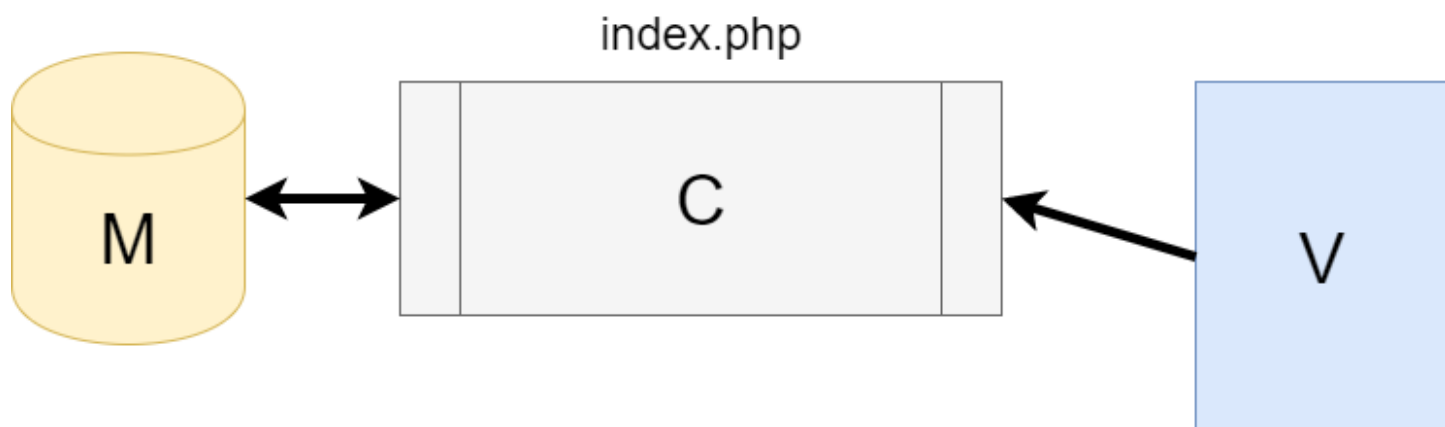
```
266 <VirtualHost *:80>
267 #UWAMP Generate Virtual Host
268     DocumentRoot "{DOCUMENTPATH}/default/"
269     ServerName "wagon"
```

■ 修改 mysql 預設 port 33060 => 3306

\wagon-1.3.1\uwamp\bin\database\mysql-5.7.11\my_uwamp.ini

```
7 [mysqld]
8
9 # Remove leading # and set to the amount of RAM for the most important data
10 # cache in MySQL. Start at 70% of total RAM for dedicated server, else 10%.
11 # innodb_buffer_pool_size = 128M
12
13 # Remove leading # to turn on a very important data integrity option: logging
14 # changes to the binary log between backups.
15 # log_bin
16
17 # These are commonly set, remove the # and set as required.
18 # basedir = .....
19 # datadir = .....
20 port = 3306
21 # server_id = .....
```

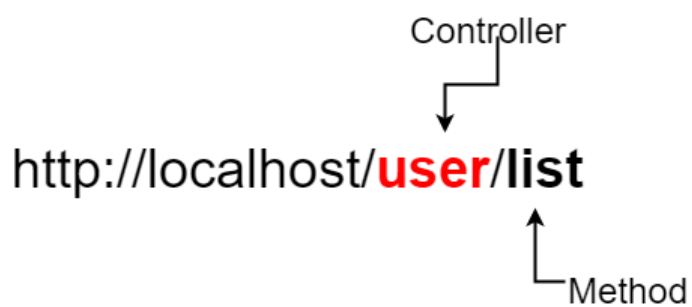
PHP MVC 示意圖：

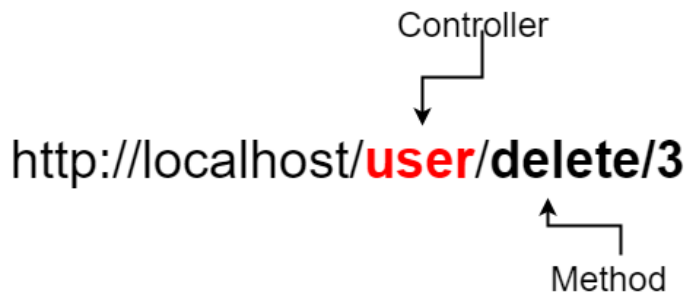


CodeIgniter 目錄架構：

- application/
 - config/
 - controllers/
 - models/
 - views/
- system/
- assets/
- index.php

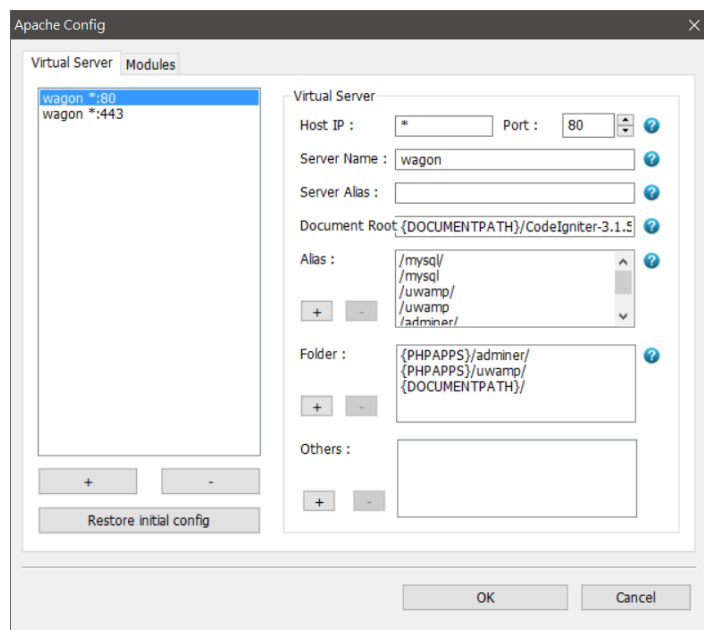
網址的意義





1. 解壓縮 CodeIgniter-3.1.5

- 將 CodeIgniter-3.1.5 解壓縮後的檔案置於 www/CodeIgniter-3.1.5
- 設定 apache2 預設資料夾(DocumentRoot)
- Server Name: localhost



2. 新增 [Welcome] 控制器的 method: hello()

(application/controllers/welcome.php)

```
public function hello(){  
    print "你好, CodeIgniter!!";  
}
```

測試是否成功！測試是否成功！測試是否成功！

3.利用 views 彈性調整畫面

(application/views/)

4.assets 的設定方式：

連結資料庫 models

5.config 設定

6. .htaccess 檔案

```
RewriteEngine On
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule ^(.*)$ index.php?/$1 [L]
```

7. 建立 blog 資料庫底下的 post 資料表

資料表: post

[選擇資料](#) [顯示結構](#) [修改資料表](#) [新增項目](#)

列	類型	註解
id	int(8) unsigned 自動遞增	
post_title	varchar(255)	
post_content	text	
created_time	timestamp [CURRENT_TIMESTAMP]	
updated_time	timestamp [0000-00-00 00:00:00]	

8. 建立 blog 資料庫的使用者

grant all privileges on *[dbname].** to *[username]@localhost* identified by *'your_password'* ;

9. Auth / testdb

```
public function testdb(){  
  
    $this->load->database();  
    // $query = $this->db->query("select * from post"); not recommended  
    $this->db->select('id, post_title, post_content, created_time, updated_time');  
    $this->db->from('post');  
    if( ! empty($this->uri->segment(3)) ){  
        $this->db->where('id', $this->uri->segment(3));  
    }  
    $query = $this->db->get();  
  
    foreach ($query->result() as $row)  
    {  
        echo $row->id;  
        echo $row->post_title;  
        echo $row->post_content;  
        echo $row->created_time;  
    }  
}
```