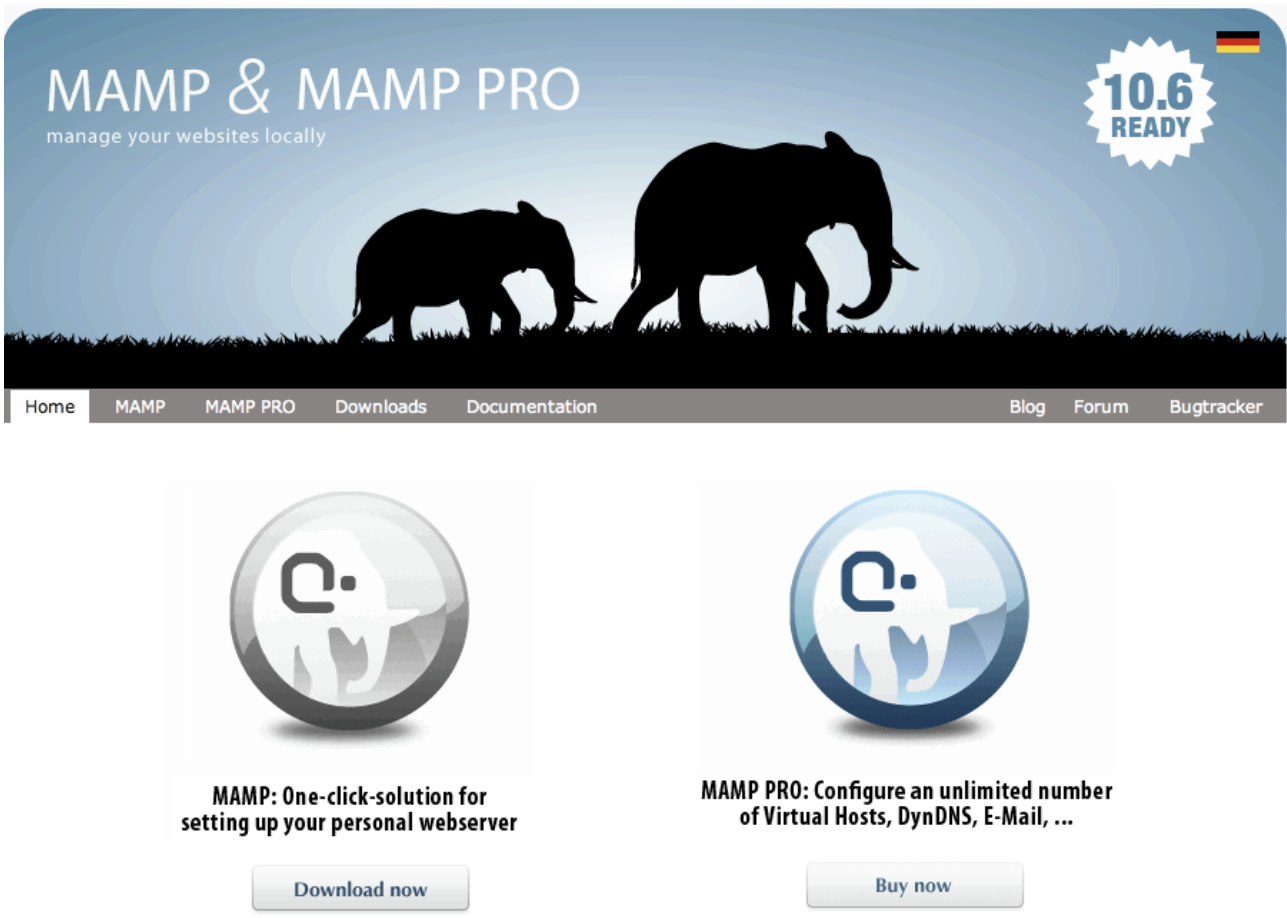
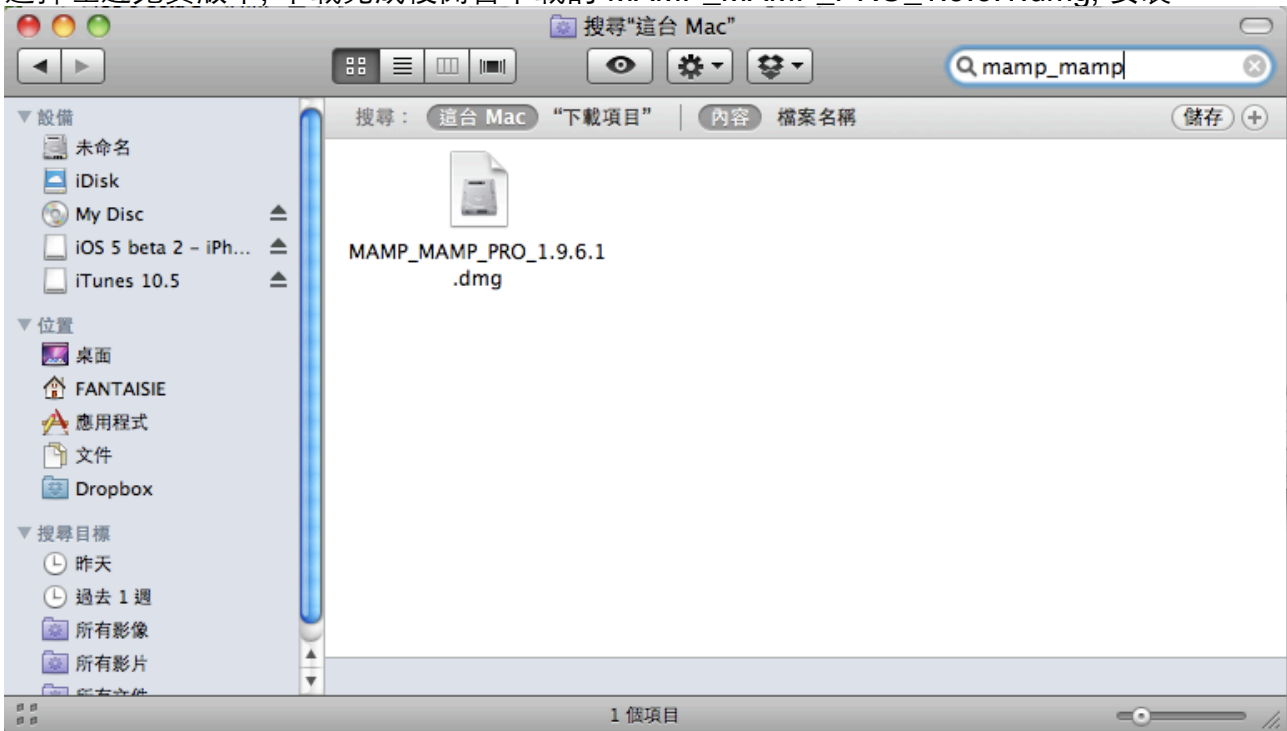


Lab WebGetPost

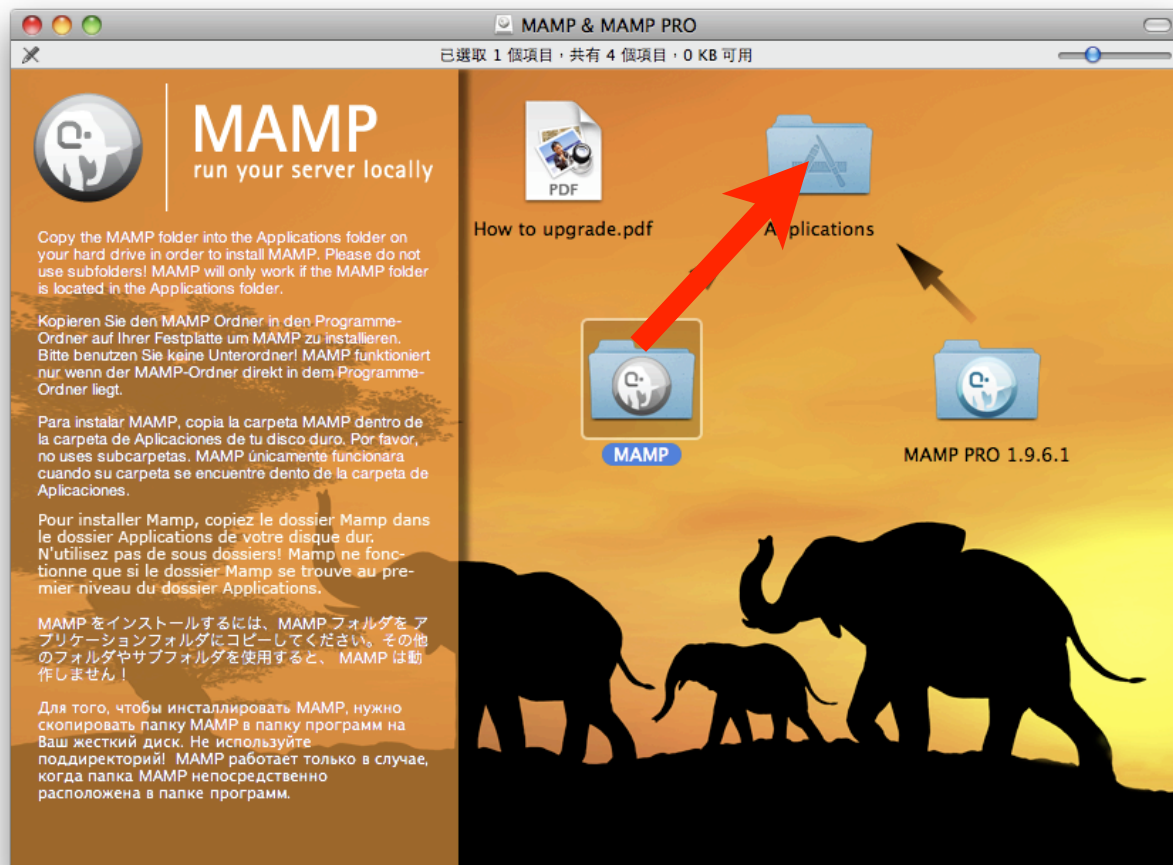
Step 1. Server端設定: 首先我們先下載跑在Mac OS上包括Apache server等的軟體MAMP
<http://www.mamp.info/en/index.html>



選擇左邊免費版本, 下載完成後開啓下載的 MAMP_MAMP_PRO_1.9.6.1.dmg, 安裝



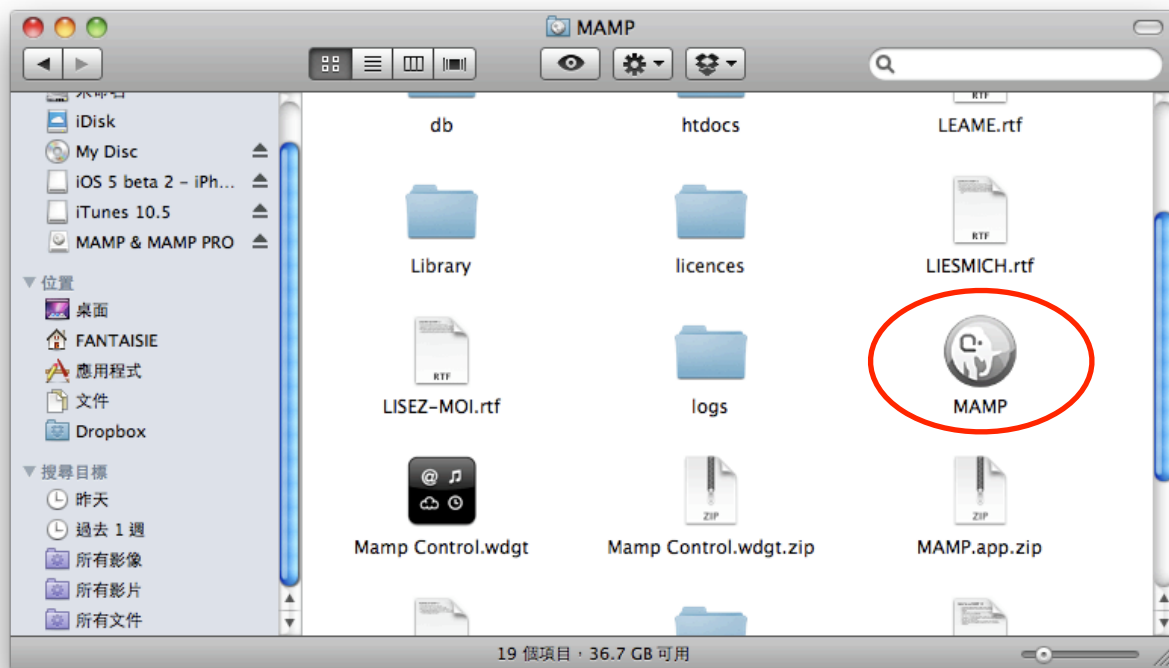
Step 2. 安裝完成後，會顯示下面視窗，將MAMP拖拉至Applications裡



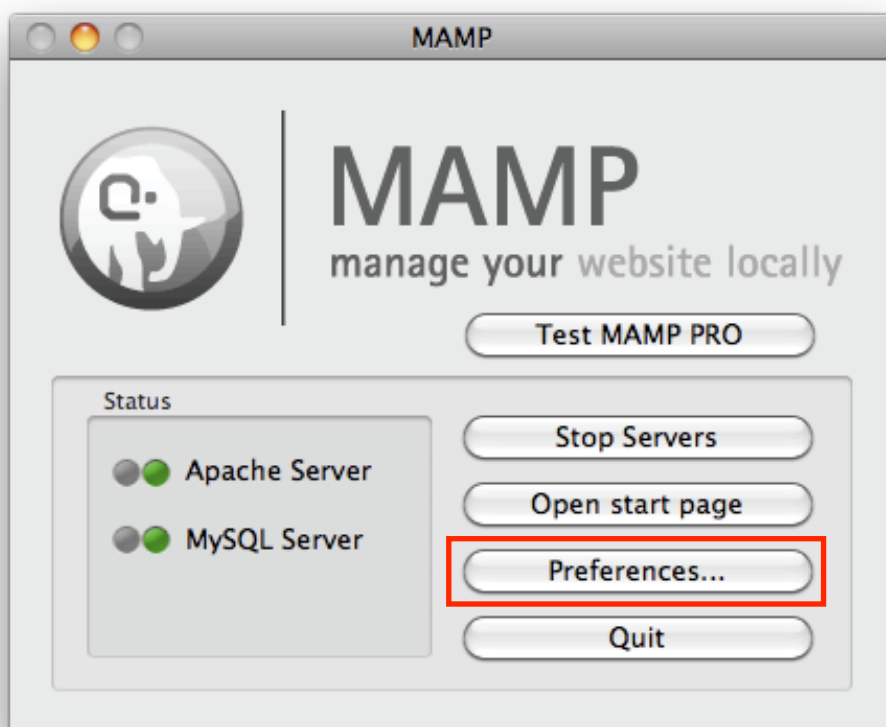
就會在Applications看到MAMP這隻程式，點選開啓



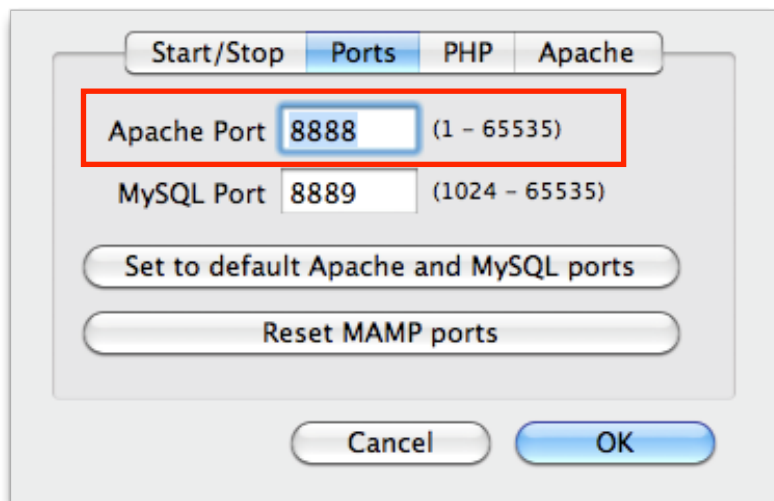
Step 3. 開啓後會看到MAMP的執行檔, 點選開啓



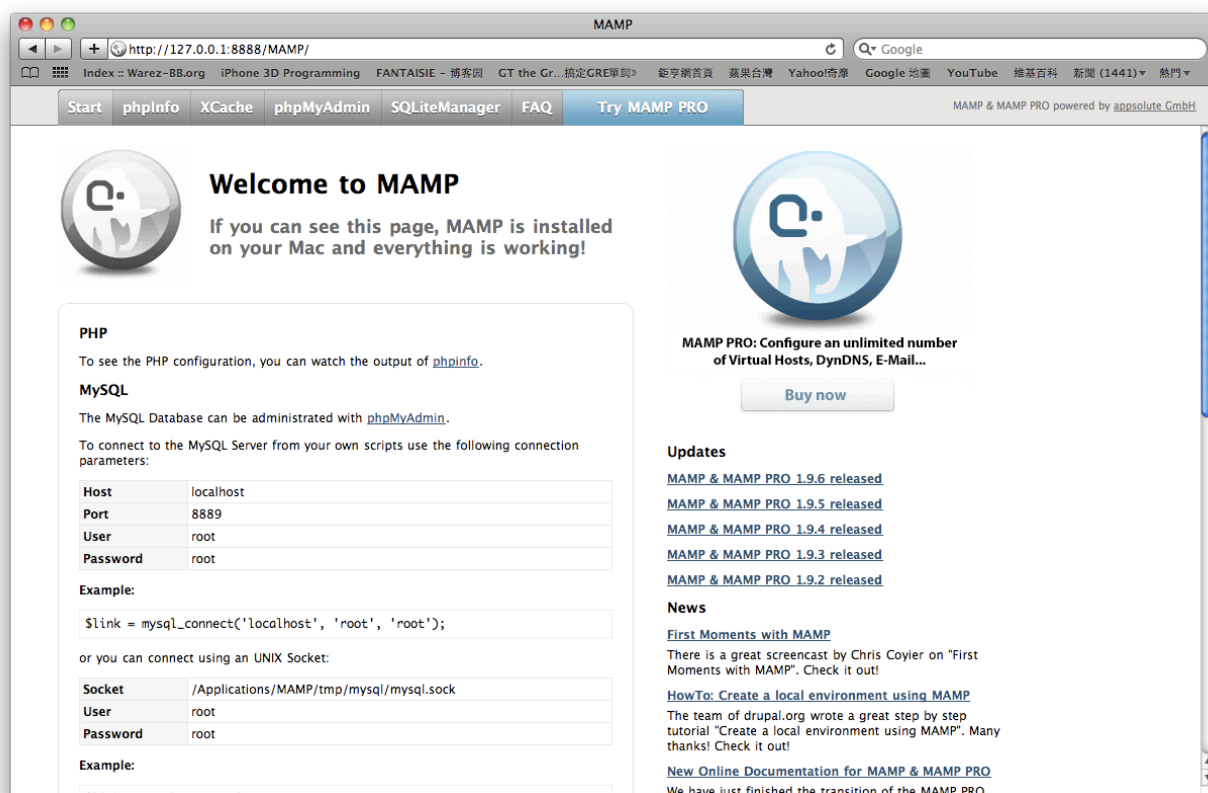
開啓後點選Preferences



確認Apache Port為 8888

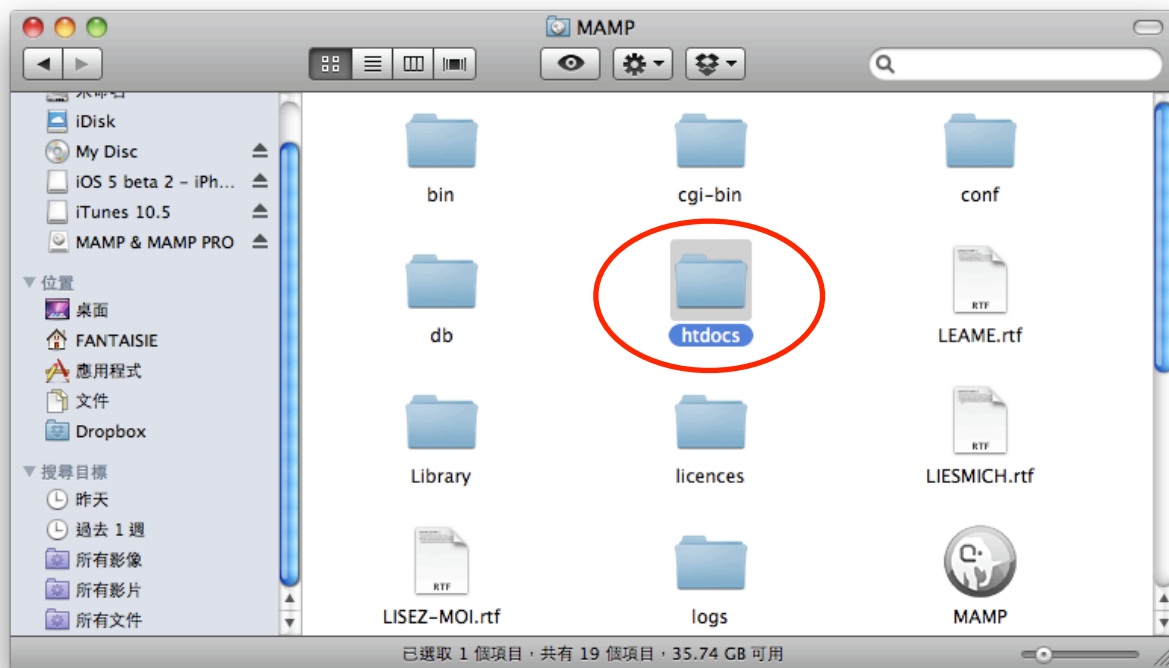


Step 4. 在瀏覽器開啓 <http://127.0.0.1:8888/MAMP/>

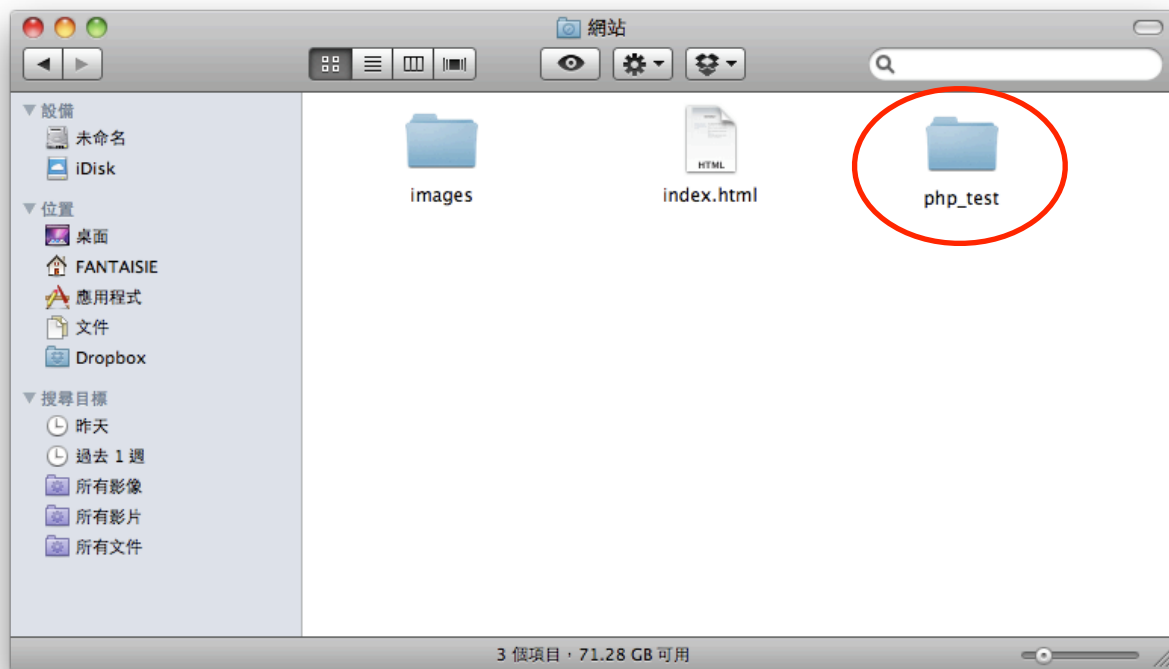


設定完成

Step 5. 進入Applications裡的MAMP裡的 htdocs 資料夾



新增一個叫做 **php_test** 的資料夾



Step 6. 注意可使用 **Smultron**, **TextWrangler** 等純文字編輯器編輯下列檔案, 或是在Spotlight搜尋終端機, 在終端機中使用 **cd** (change directory) 切換到 **php_test** 資料夾下 (ls是顯示目錄中的 所有檔案), 使用 **vi Hello.php** 編輯一個新的php檔案

```

Last login: Sat Jul 9 00:42:47 on ttys000
fantaishede-macbook:~ FANTAISIE$ cd /
fantaishede-macbook:/ FANTAISIE$ ls
Applications      Volumes          net
Developer         bin              private
Library           cores            sbin
MAU 1.1.2 Update Log dev              tmp
Network           etc              usr
System            home             var
Users             mach_kernel

fantaishede-macbook:/ FANTAISIE$ cd Applications/MAMP/htdocs/php_test/
fantaishede-macbook:php_test FANTAISIE$ vi Hello.php

```

鍵入 **i** 進入編輯模式, 輸入下面的的php程式, 完成後按 **esc** 跳出編輯模式, 鍵入 **:wq** 存檔跳出.

```
<?php  
    $getVal = $_GET['name'];  
    echo "GET : value is ". $getVal . "<br>";  
  
    $postVal = $_POST['name'];  
    echo "POST : value is ". $postVal;  
  
?>
```

:wq

程式如下, 主要是使用GET和POST兩種方式抓取輸入的值, 並echo出來

```
<?php

    $getVal = $_GET['name'];
    echo "GET : value is ". $getVal . "<br>";

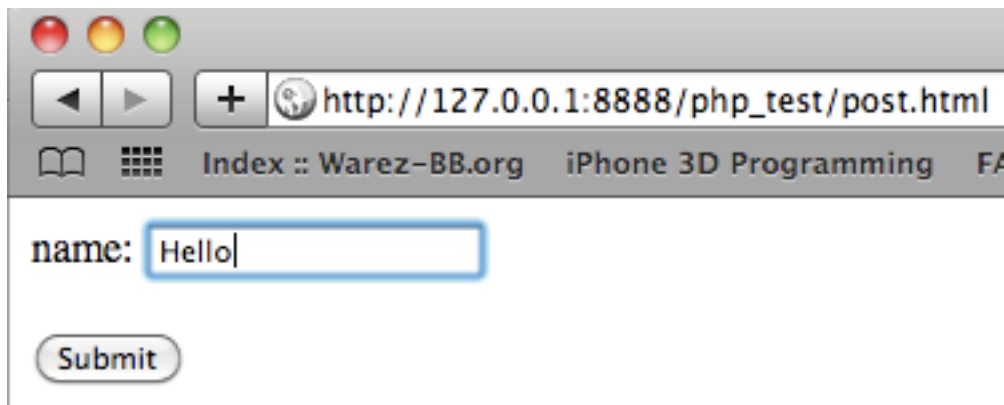
    $postVal = $_POST['name'];
    echo "POST : value is ". $postVal;

?>
```

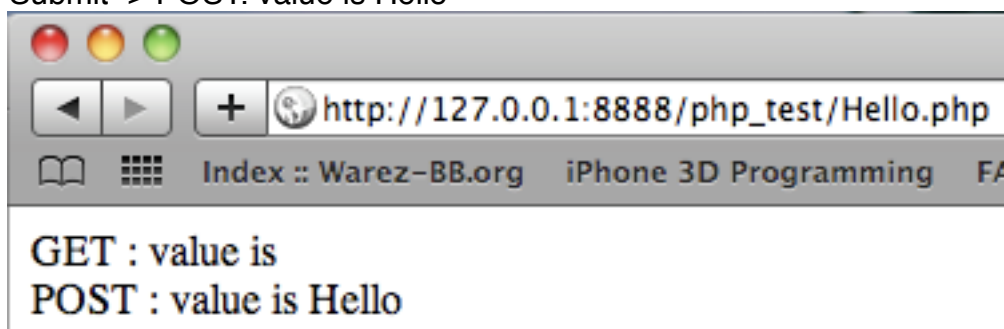
我們還可以用同樣方法在php_test資料夾寫一個命名為post.html來測試這個php是否work (可不測試)

```
<html>
<body>
<form action="Hello.php" method="post">
name: <input type="text" name="name" /><br>
<br>
<input type="submit" value="Submit" />
</form>
</body>
</html>
```

使用Safari瀏覽器輸入網址 http://127.0.0.1:8888/php_test/post.html

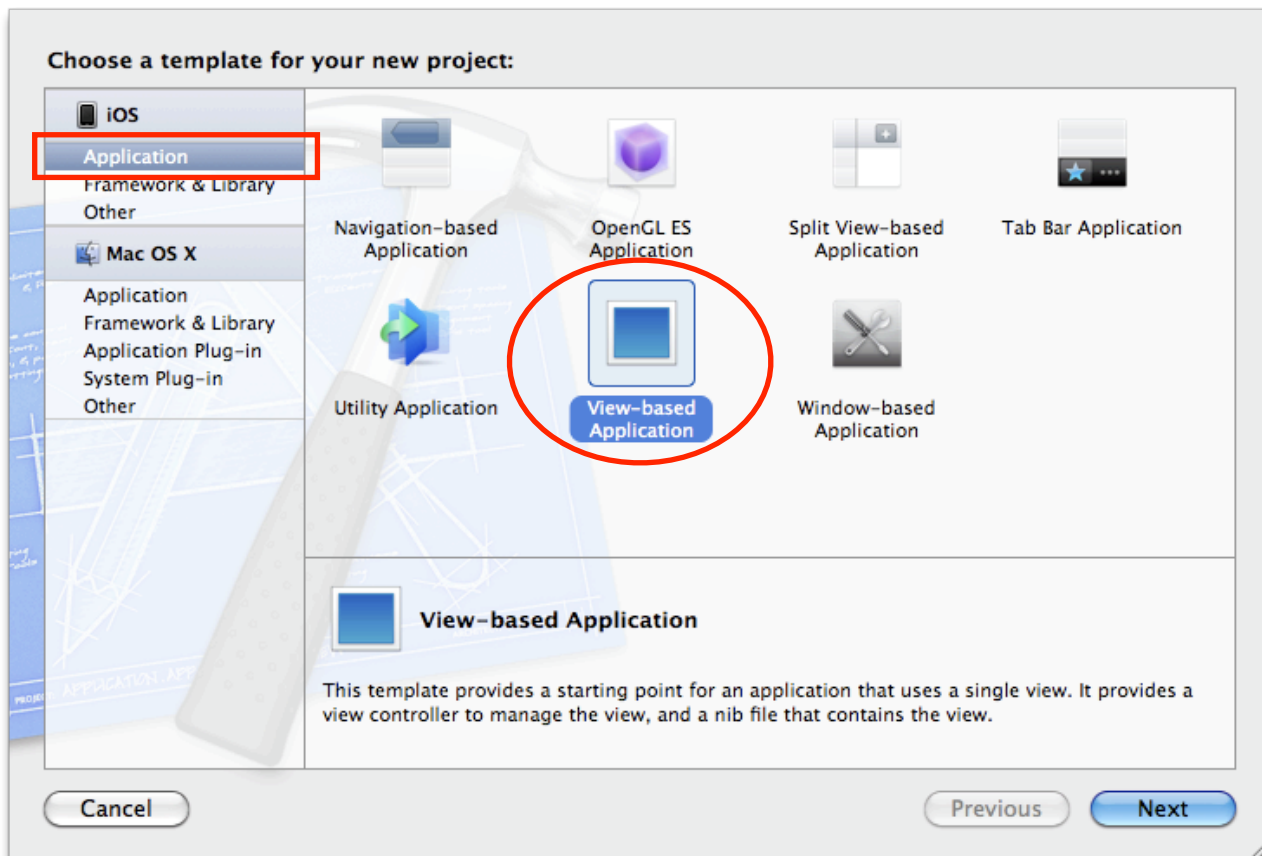


Submit -> POST: value is Hello

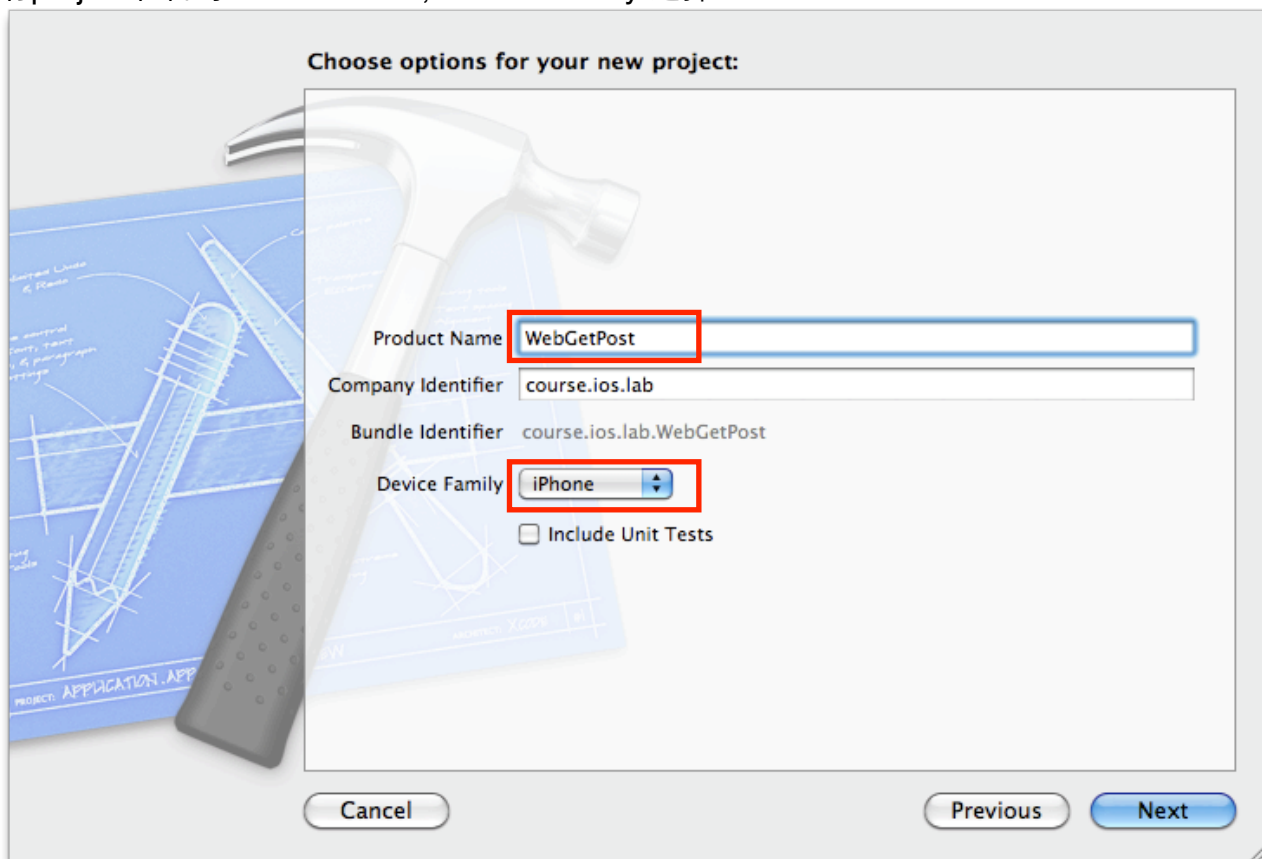


這樣Sever端的設定就完成了

Step 7. Client端: 接下來是iPhone的程式, File>New Project, 選擇 View-based application



將project取名為 **WebGetPost**, Device Family 選擇 **iPhone**



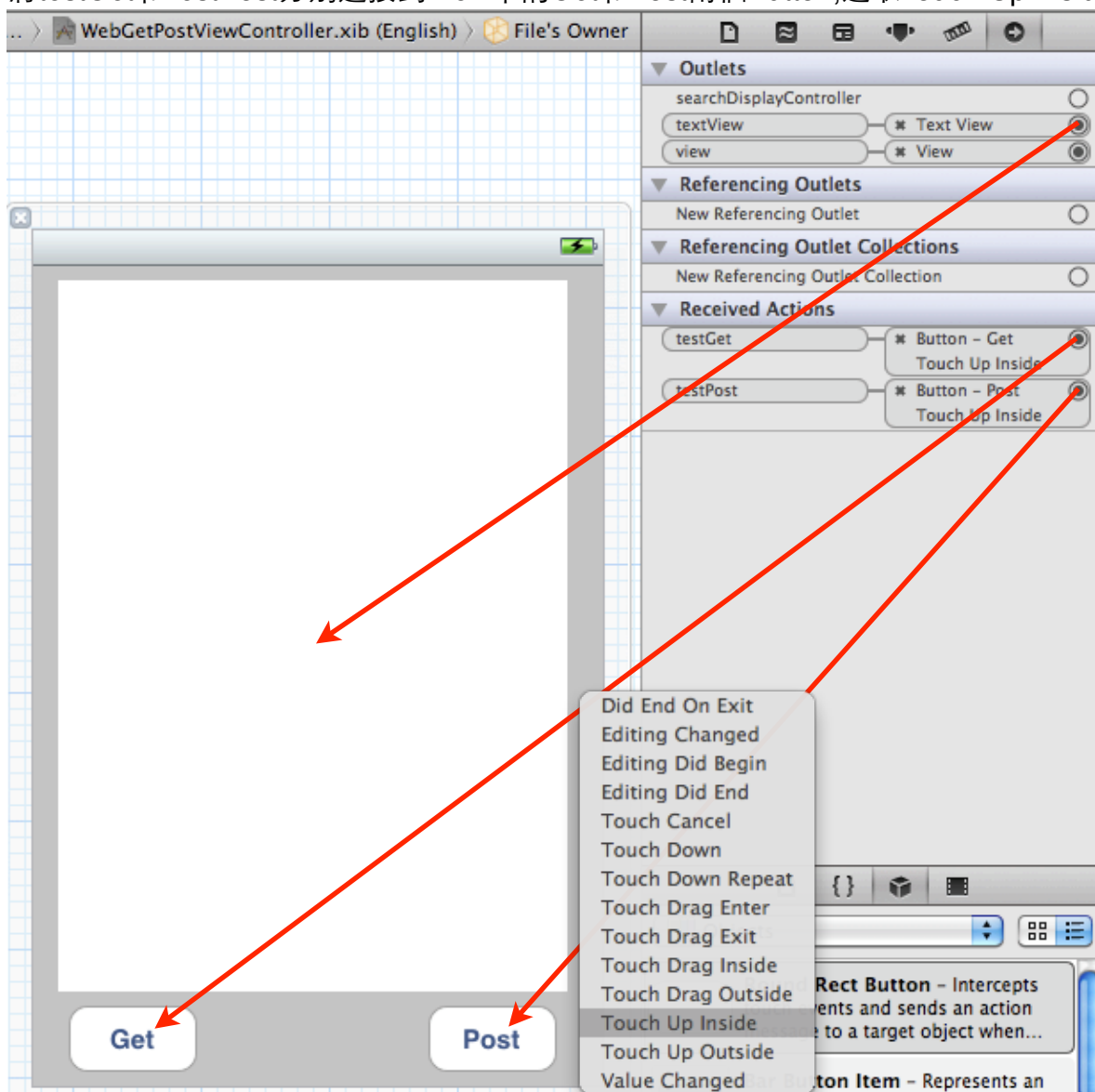
Step 8. 在 WebGetPostViewController.h 裡面加入我們的NSURLConnection和一個TextView, 並加入兩個Button對應的IBAction

```
#import <UIKit/UIKit.h>

@interface WebGetPostViewController : UIViewController {
    NSURLConnection * myConnection;
    IBOutlet UITextView * textView;
}
-(IBAction) testGet;
-(IBAction) testPost;
@end
```

Step 9. 開啓WebGetPostViewController.xib的View裡
加入一個TextView, 符合我們的layout大小,並將裡面原來Default字串刪掉
下面再加入兩個Button並將Title命名為Get和Post

點選File's Owner,在Connections Inspector裡面
將textView連結到我們View中新增的TextView
將testGet和TestPost分別連接到View中的Get和Post兩個Button,選取Touch Up Inside



Step 10. 在 WebGetPostViewController.m 裡實作我們兩個IBAction去以Get和Post的形式寫訊息到Server端, 並實作Override三個關於Connection ReceiveResponse, ReceiveData, 以及Fail對應的method,在此只要收到Data就更改顯示到TextView上.

```
#import "test9ViewController.h"
```

```
@implementation test9ViewController
```

```
-(IBAction) testGet{
    NSURL*url=[NSURL URLWithString:@"http://127.0.0.1:8888/php_test/Hello.php?name=GetFromiPhone"];
    NSMutableURLRequest* urlRequest = [[NSMutableURLRequest alloc] initWithURL:url];
    [urlRequest setHTTPMethod:@"GET"];
    myConnection=[NSURLConnection connectionWithRequest:urlRequest delegate:self];
}
```

```
-(IBAction) testPost{
    NSURL*url=[NSURL URLWithString:@"http://192.168.0.101:8888/php_test/Hello.php"];
    NSString * content=@"name=PostFromiPhone";
    NSMutableURLRequest* urlRequest = [[NSMutableURLRequest alloc] initWithURL:url];
    [urlRequest setHTTPMethod:@"POST"];
    [urlRequest setHTTPBody:[content dataUsingEncoding:NSUTF8StringEncoding]];
    myConnection=[NSURLConnection connectionWithRequest:urlRequest delegate:self];
}
```

```
-(void)connection:(NSURLConnection *)connection didReceiveResponse:(NSURLResponse *)response{
    NSLog(@"response %@", response.URL );
}
```

```
-(void)connection:(NSURLConnection *)connection didReceiveData:(NSData *)data {
    NSLog(@"received data %@", [[[NSString alloc] initWithData:data encoding:NSUTF8StringEncoding] autorelease]);
    NSString * temp =[[[NSString alloc] initWithData:data encoding:NSUTF8StringEncoding] autorelease];
    textView.text = [temp stringByReplacingOccurrencesOfString:@"<br>" withString:@"\n"];
}
```

```
-(void)connection:(NSURLConnection *)connection didFailWithError:(NSError *)error{
    NSLog(@"error occurs");
}
```

Step11. Build and Run 一開始為空白



分別按下Get和Post button去抓去我們不同送出的字串

