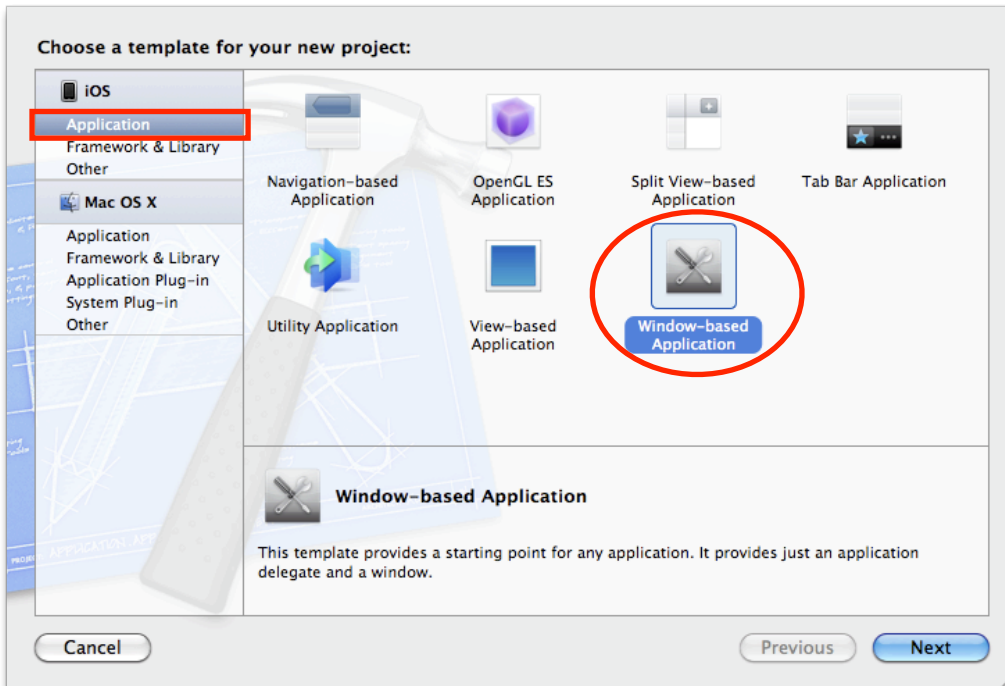


Lab IBViewController

Step 1. 開啓一個新的project, 選擇window-based application

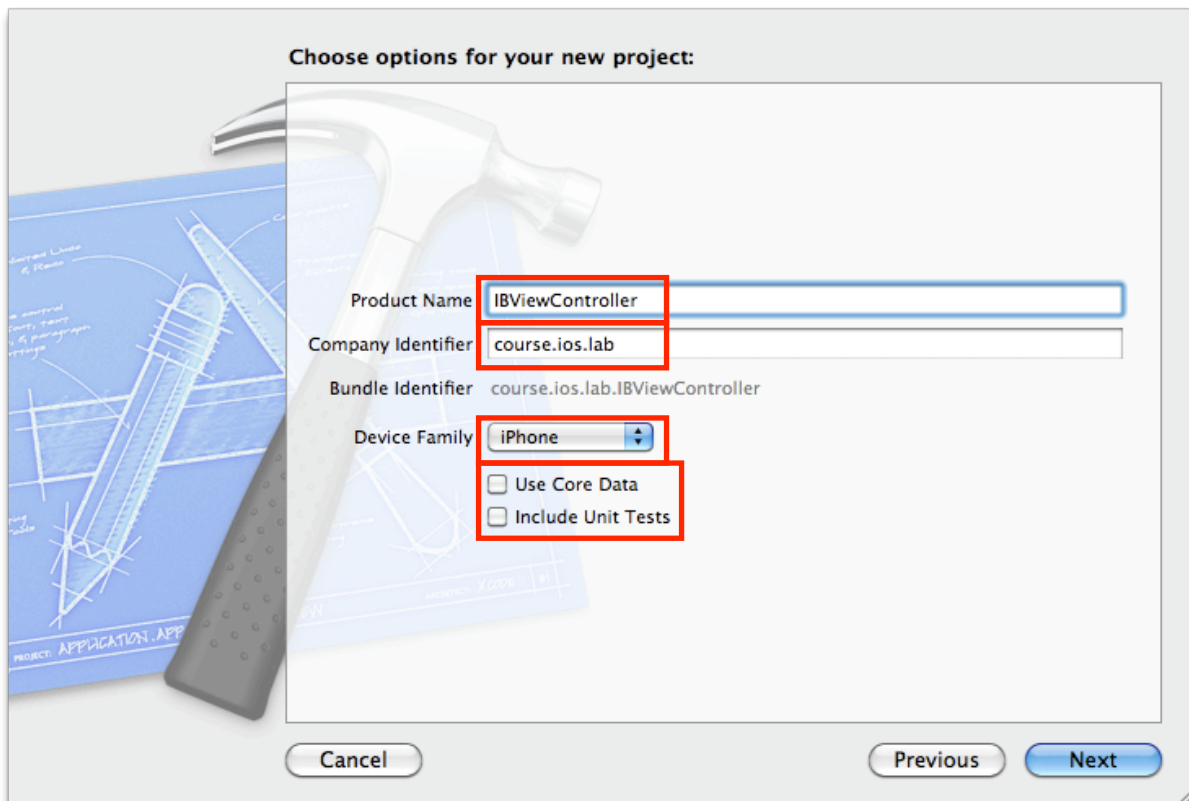


Step 2. 並將此專案命名為 **IBViewController**

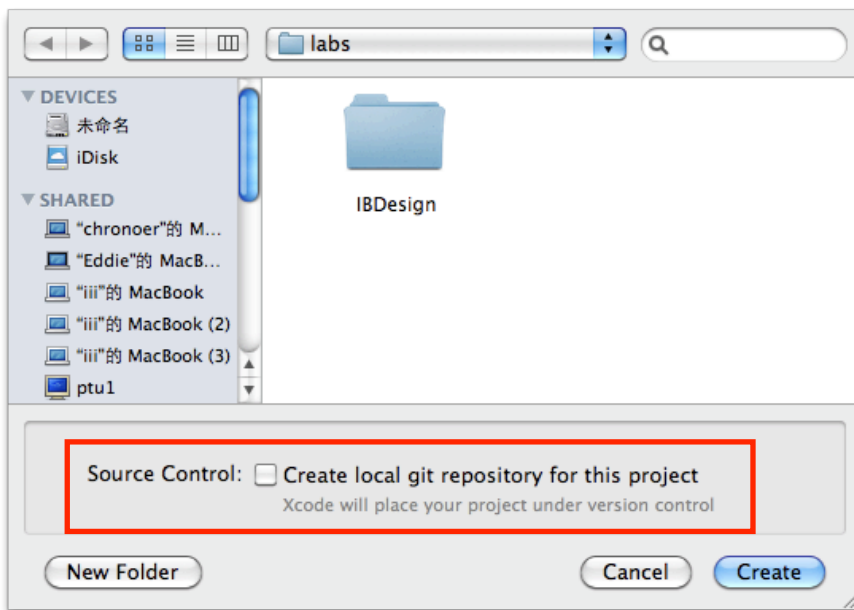
Company Identifier是填入Bundle的名稱,在此統一填入**course.ios.lab** (也可自行填入)

Device Family選擇**iPhone**

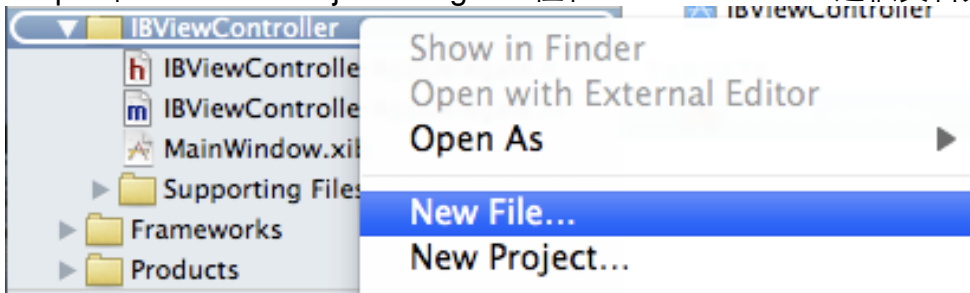
在這專案不勾選Use Core Data,而Include Unit Tests是做語意測試用,在此我們統一不勾選



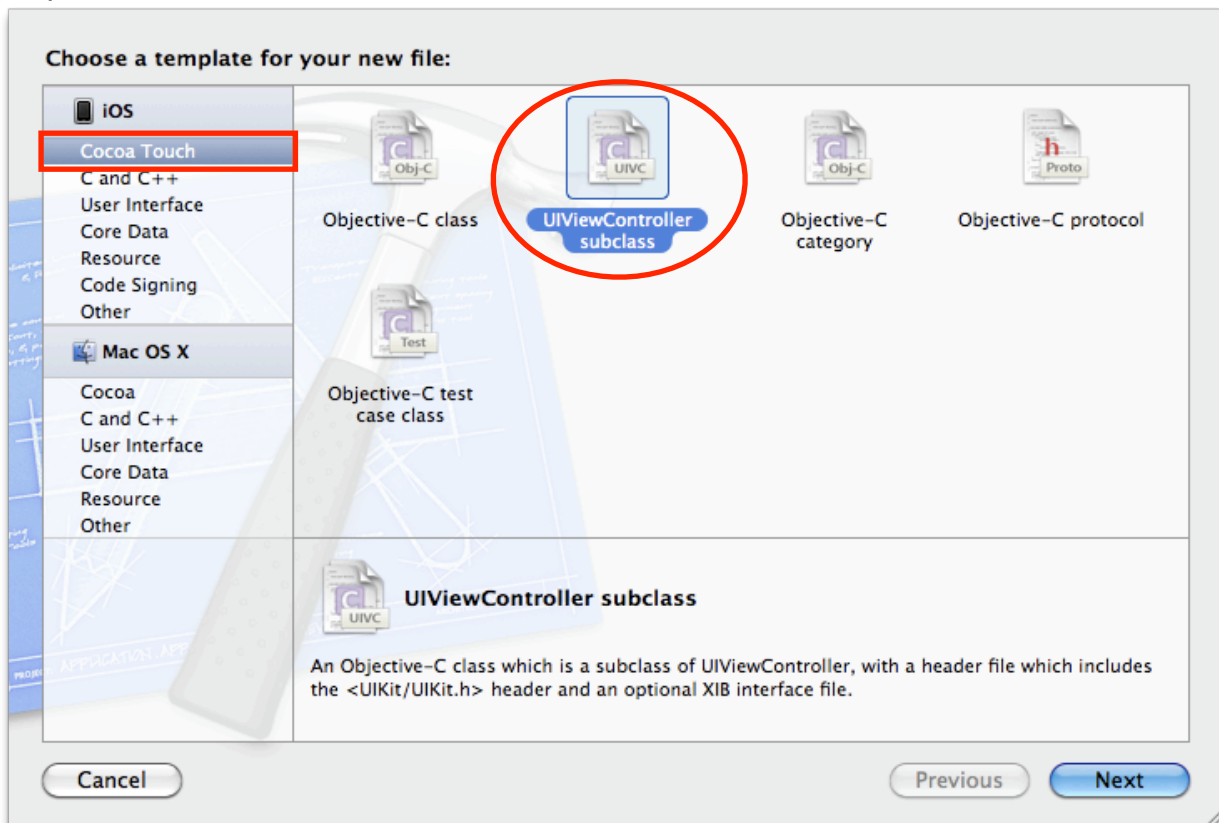
Step 3. 選擇存檔的位置, 在此我們不做version control, 統一不勾選Create local git repository for this project



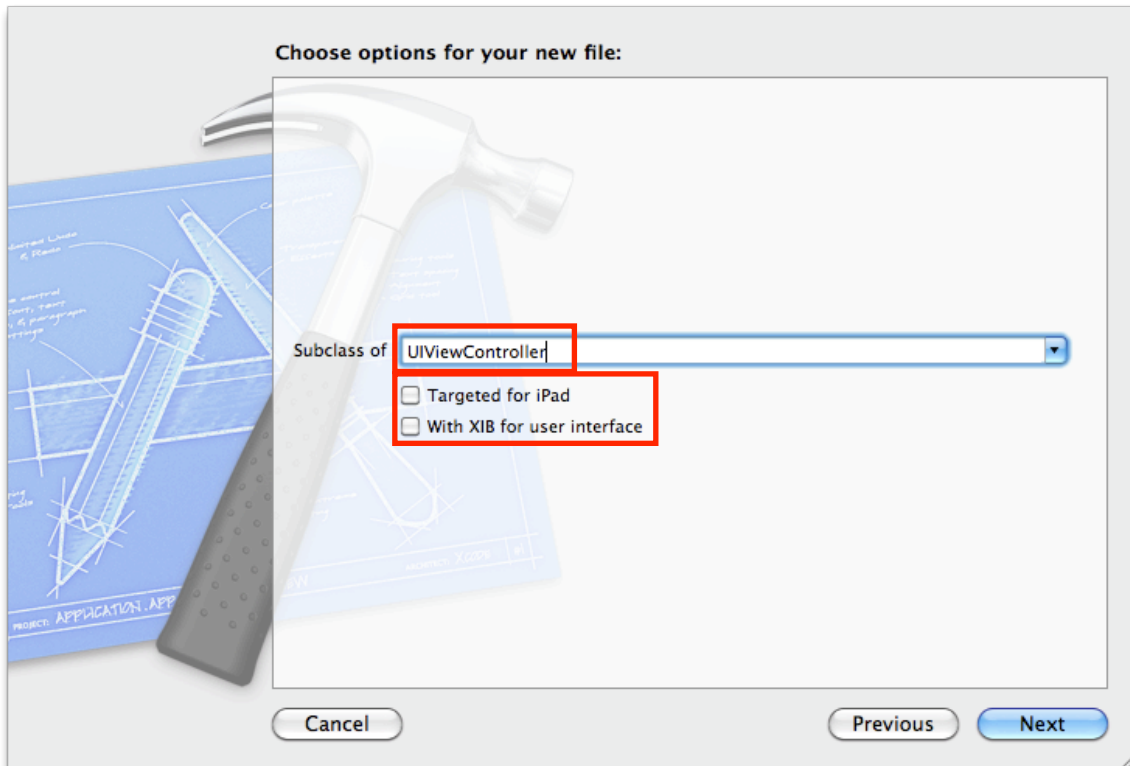
Step 4. 在Show the Project navigator 裡在IBViewController這個資料夾上按右鍵來新增檔案



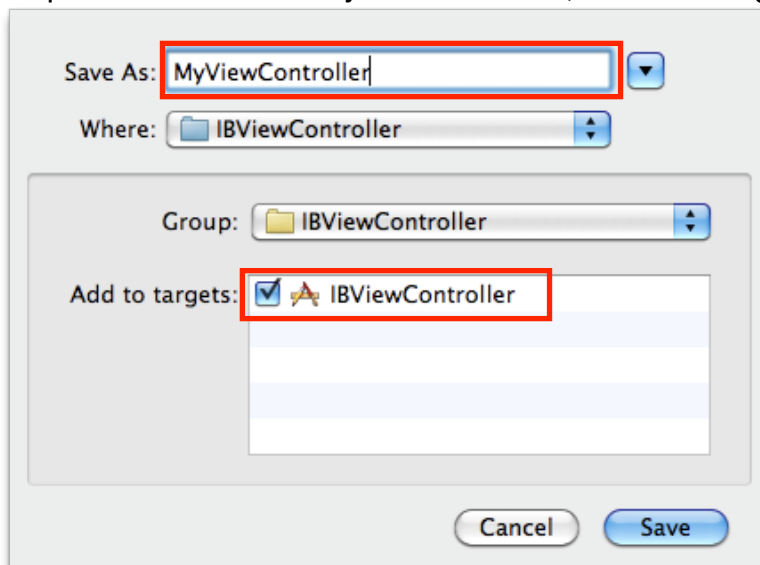
Step 5. 在iOS裡的Cocoa Touch裡選擇UIViewController subclass



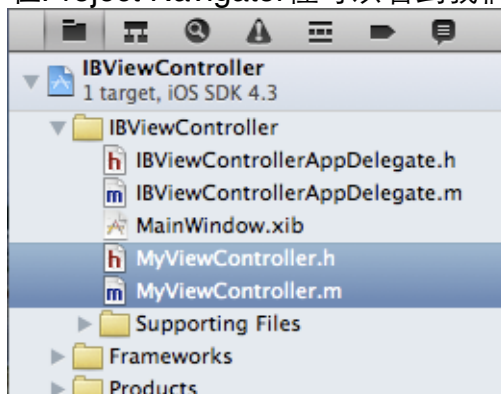
Step 6. 選擇Subclass of **ViewController**,在此不勾選Targeted for iPad,也不選擇With XIB for user interface



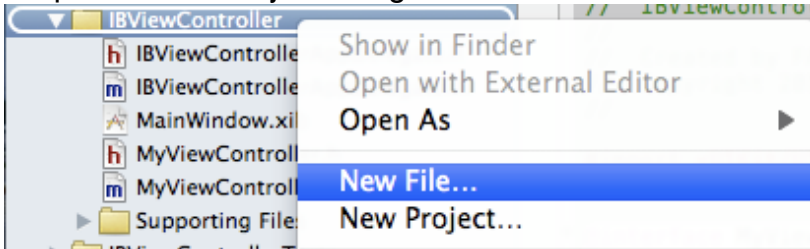
Step 7. 將Class命名為MyViewController, 並Add to targets勾選IBViewController



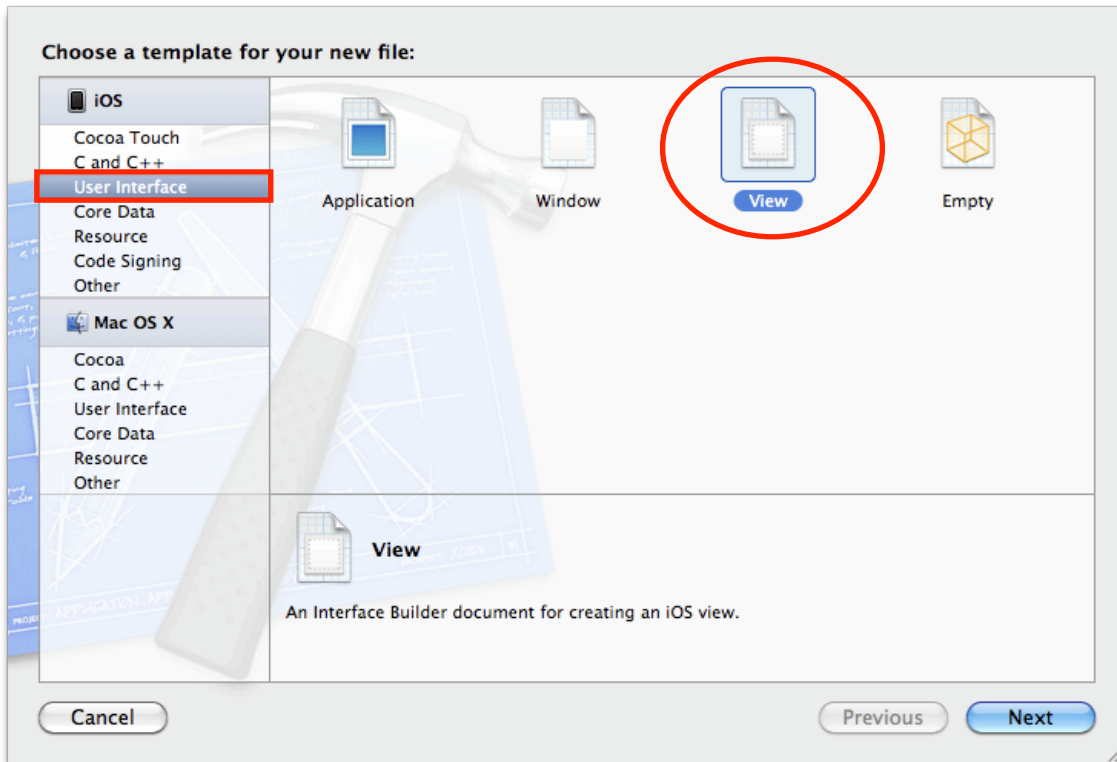
在Project Navigator裡可以看到我們新增的MyViewController.h 和 MyViewController.m



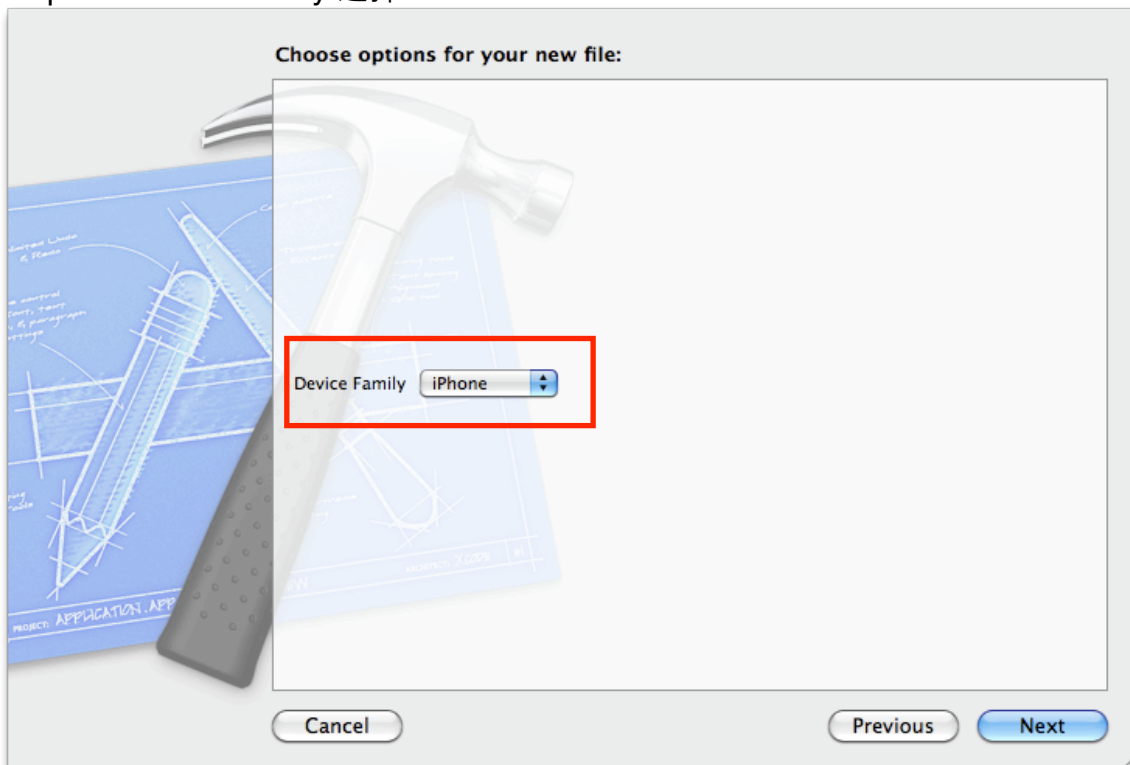
Step 8. 同樣在 Project navigator 裡在IBViewController這個資料夾上按右鍵來新增檔案



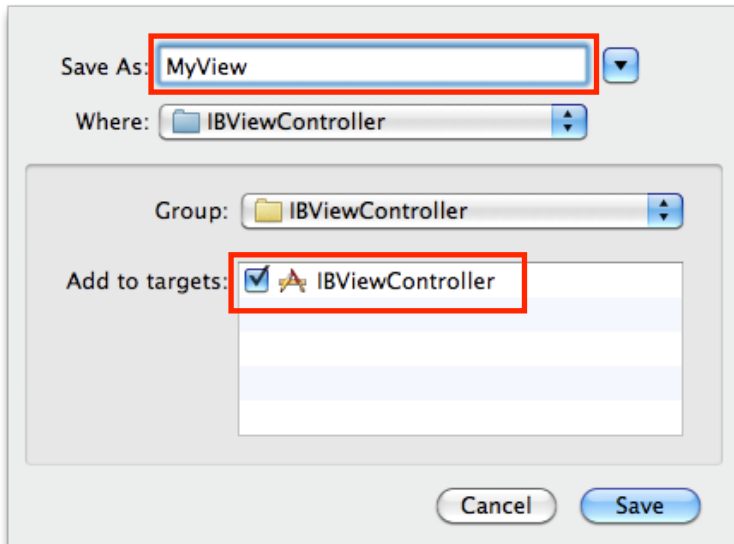
Step 9. 在iOS的User Interface這個分類裡選擇View



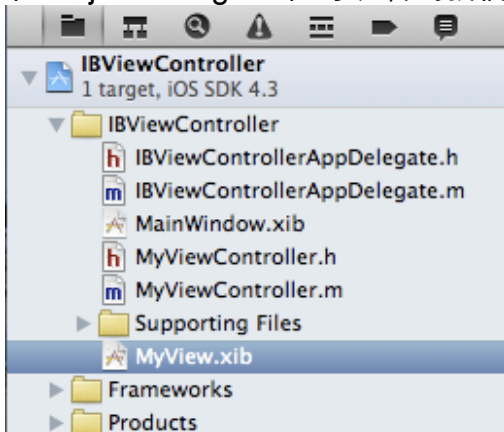
Step 10. Device Family 選擇iPhone



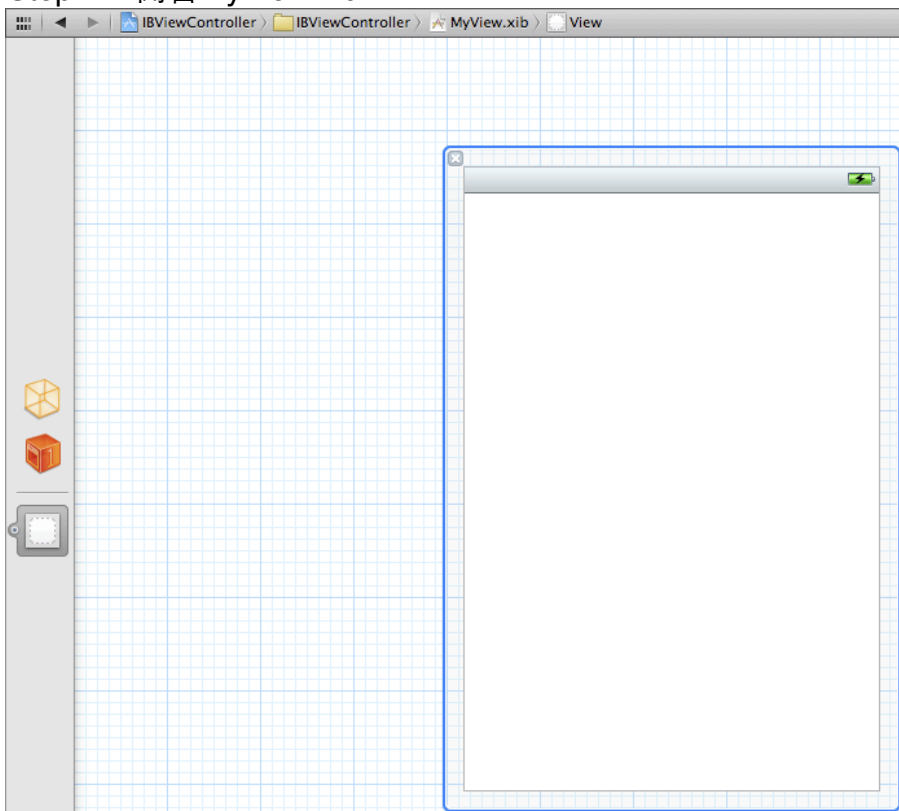
Step 11. 命名為MyView, Add to targets選擇 IBViewController



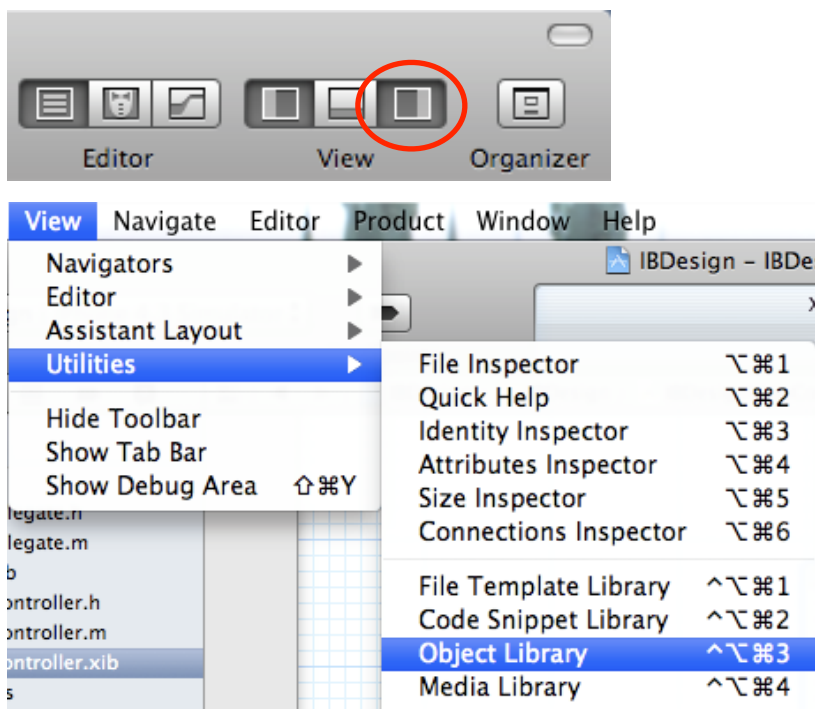
在Project Navigator裡可以看到我們新增的MyView.xib



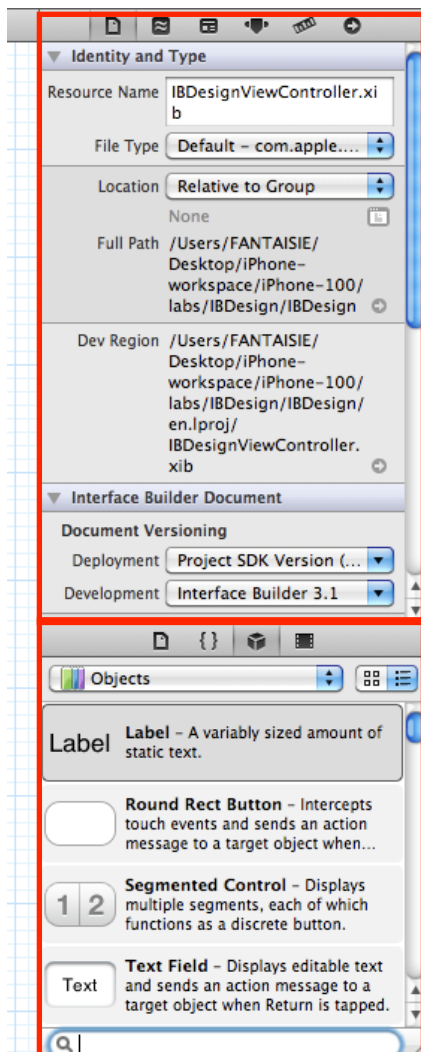
Step 12. 開啓MyView.xib



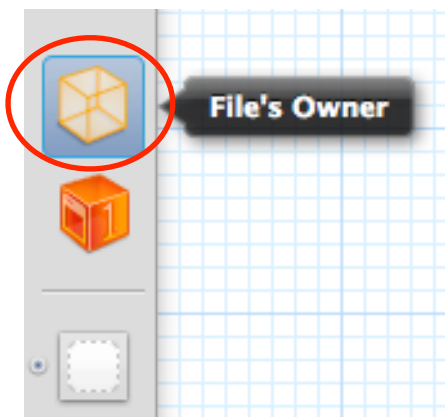
Step 13. 在Xcode視窗右上角選擇顯示視窗點下View右邊按鈕,或是View > Utilities 裡選擇任意選擇一個選項即會打開這個視窗分頁,在此選擇Object Library來方便選擇和新增UI元件



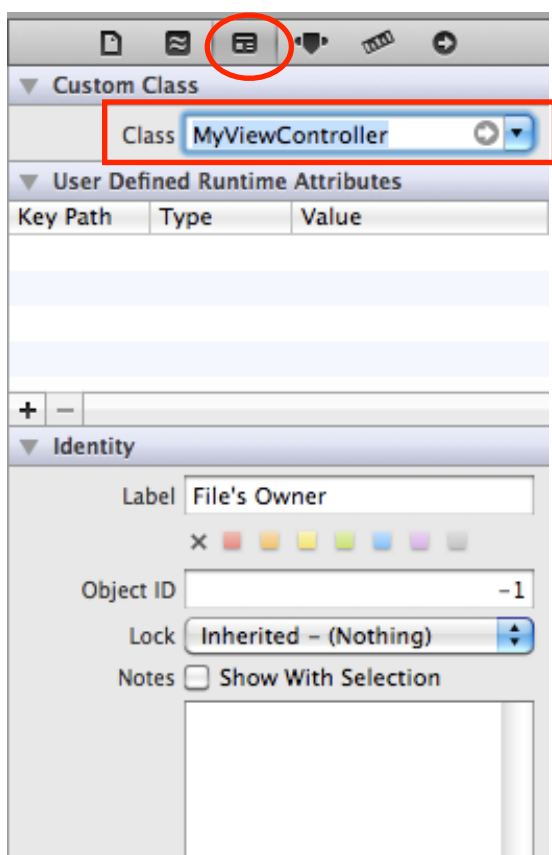
在主視窗分頁就開啓一個右邊的視窗分頁,上面是一些Inspector,下面是一些Library



Step 14. 在MyView.xib的視窗分頁左邊選擇File's Owner,來開啓File's Owner的Inspector

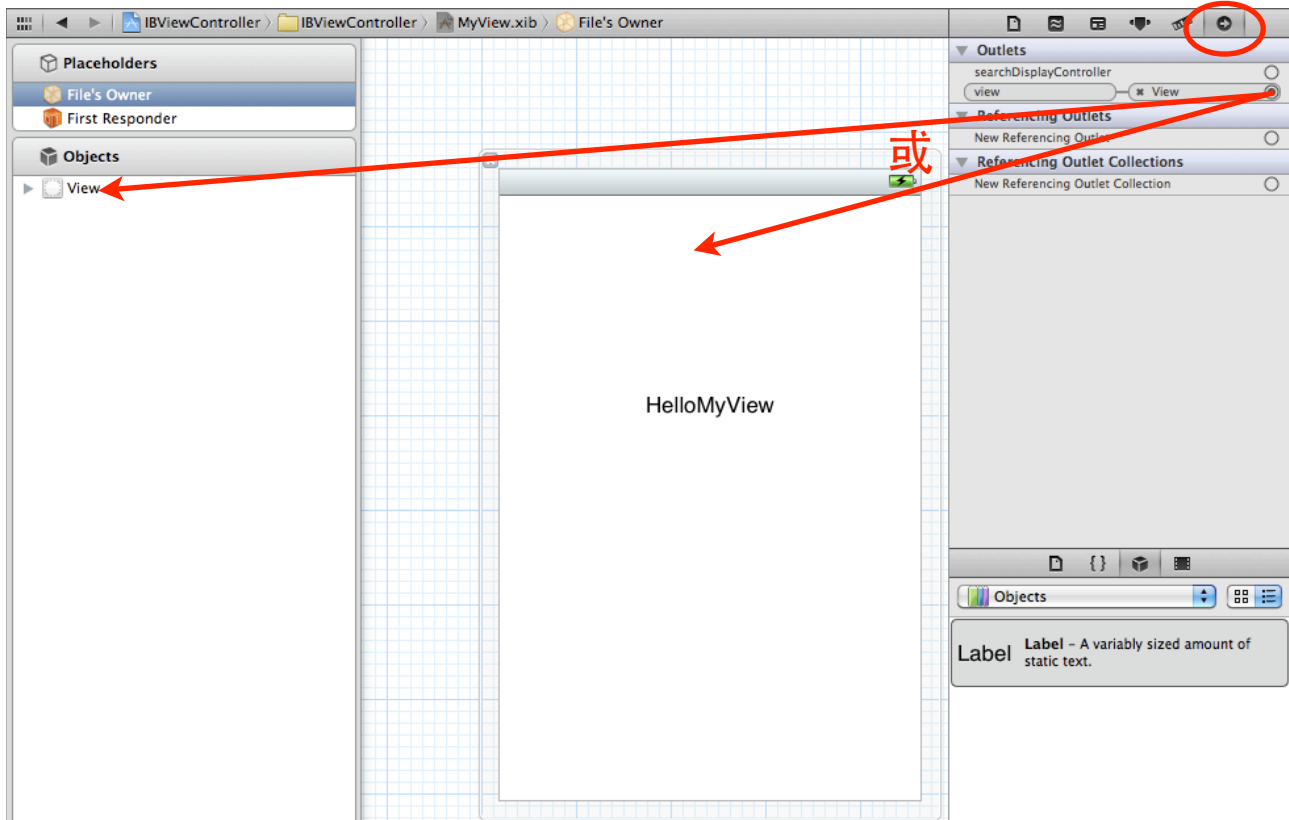


在右邊Inspector裡選擇 Show the Identity inspector 將Class選擇新增的MyViewController

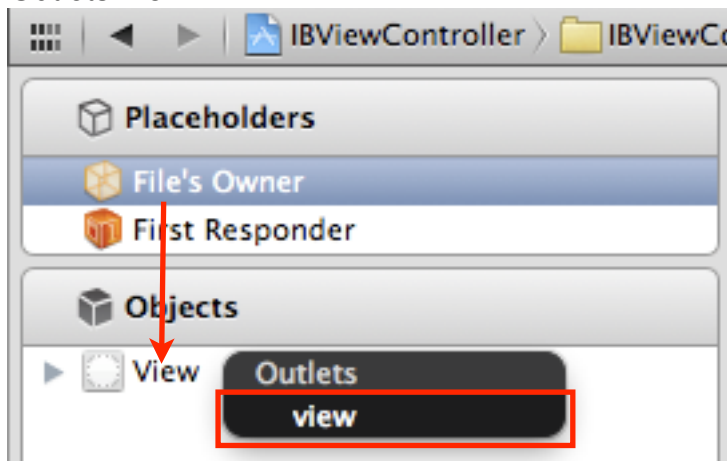


Step 15. 設定View Connection, 有兩個方法:

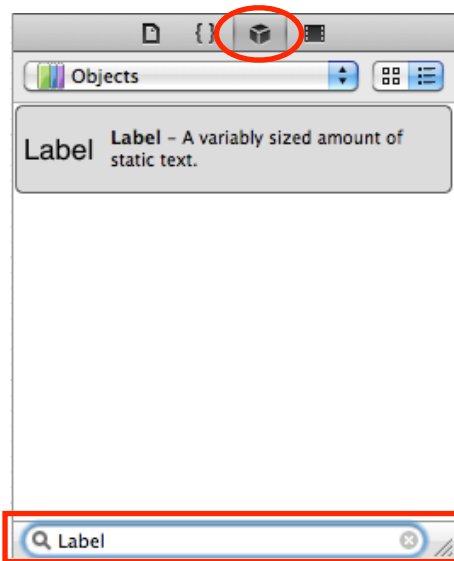
A. 在File's Owner的Inspector裡的Connections Inspector的view連到UI上的View



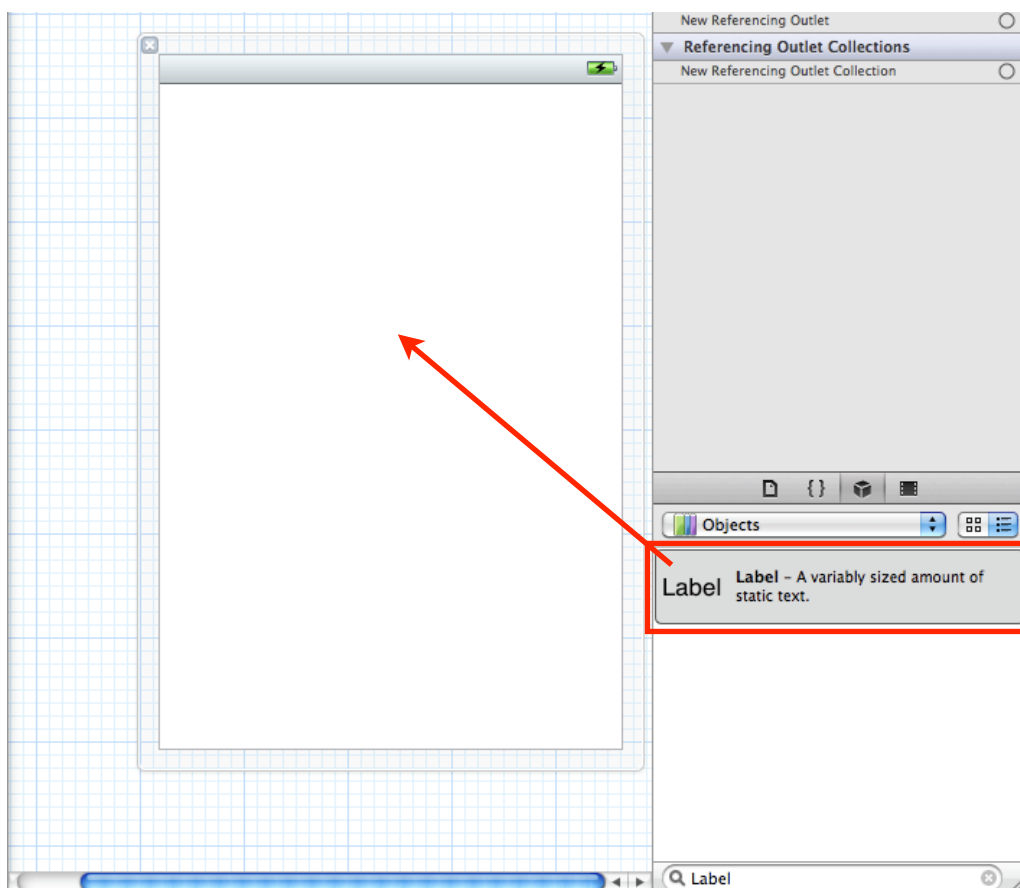
B. 或是直接在左邊視窗使用右鍵把File's Owner, 也就是MyViewController拉到View, 並選擇Outlets **view**



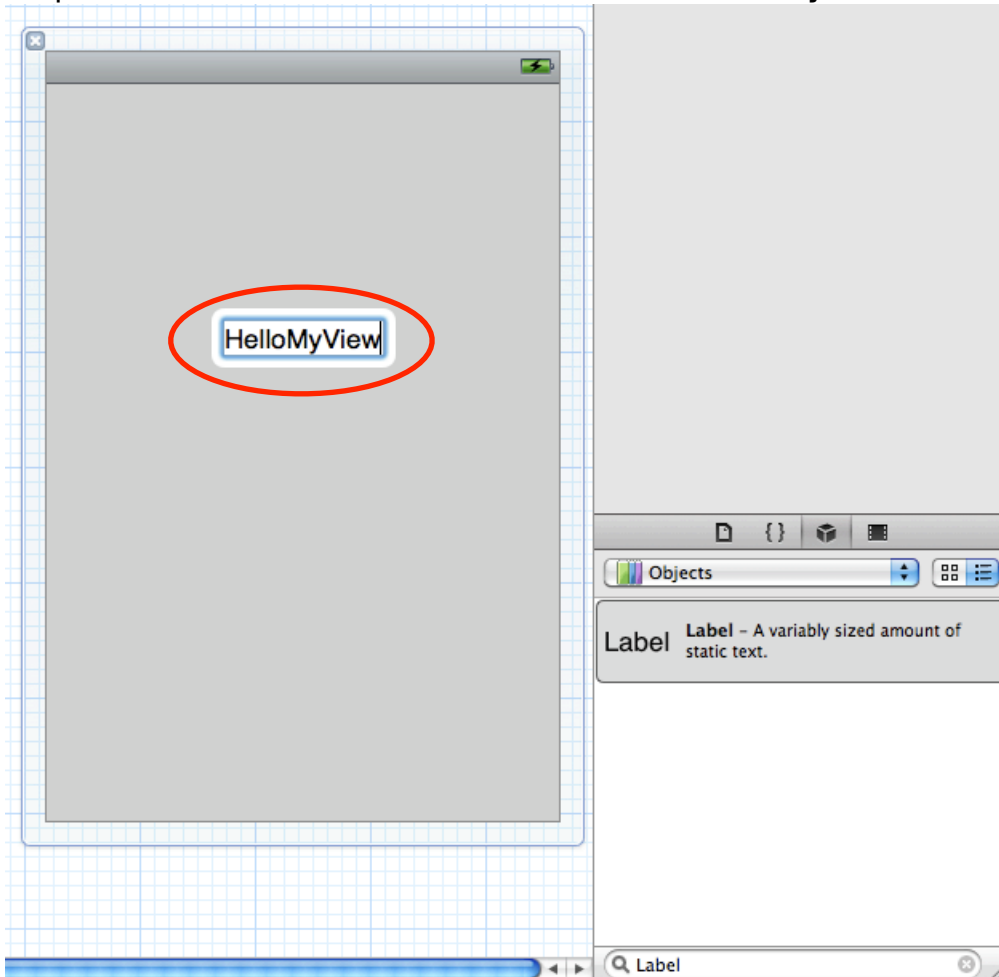
Step 16. 在右下方(記得選擇Show the Object library)搜尋Label來加入一個標籤並拖曳到View視窗來建構一個UILabel元件



拖拉到主視窗的View中



Step 17. 將Label的title 寫上我們View的歡迎字串 **HelloMyView**



Step 18. 在 IBViewControllerAppDelegate.m 裡import我們的 MyViewController.h
在

- (BOOL)application:(UIApplication *)application
didFinishLaunchingWithOptions:(NSDictionary *)launchOptions
這個程式進入點將我們的MyViewController初始化並將View加入window成為一個subview

```
#import "IBViewControllerAppDelegate.h"  
#import "MyViewController.h"
```

```
@implementation IBViewControllerAppDelegate
```

```
@synthesize window=_window;
```

```
- (BOOL)application:(UIApplication *)application  
didFinishLaunchingWithOptions:(NSDictionary *)launchOptions  
{  
    // Override point for customization after application launch.
```

```
    MyViewController *myController = [[MyViewController alloc]  
initWithNibName:@"MyView" bundle:nil];  
    [self.window addSubview:myController.view];
```

```
    [self.window makeKeyAndVisible];  
    return YES;  
}
```

Step 19. 主畫面左上方執行Run (或是⌘+R)

