SER APP Facebook Sign in SDK

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1. Introduction

1.1. Overview

SER APP Facebook Sign in SDK 主要提供 Smart Mobile Device 更快速與簡潔 的開發模組,APP 開發人員只要將 SER APP Facebook Sign in SDK 加入到自己的 APP 專案裡,透過 API 的呼叫即可執行 Facebook Sign in 服務, 本文件提供 IOS 版本 SDK Library 使用說明。
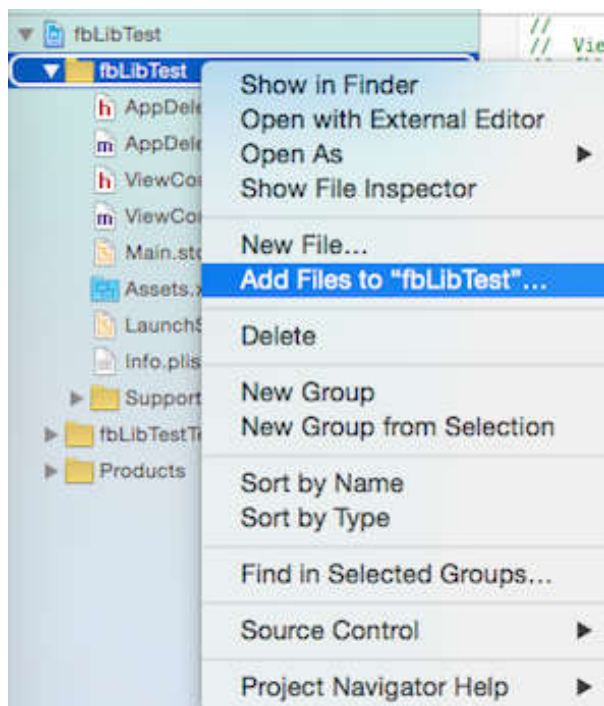
2. Server

2.1. Facebook Sign in Service

SER Facebook Sign in SDK 主要封裝 Facebook SDK,將 Facebook Sign in
的開發流程簡化,讓 App 開發人員能更快使用 Facebook Sign in 服務。

2.1.1. Use SDK Library

1. 如果你還沒使用 Facebook SDK , 先到 Facebook 網站下載 Facebook
   SDK(https://developers.facebook.com/docs/ios) , 匯入 Facebook SDK。

2. 加入與設定 Facebook SDK□

● 在 專案中的 Info.plist 加入以下設定

```
<key>CFBundleURLTypes</key>
<array>
    <dict>
        <key>CFBundleURLSchemes</key>
        <array>
            <string>fb1111111111 </string>
        </array>
    </dict>
</array>
<key>FacebookAppID</key>
<string> 1111111111</string>
<key>FacebookDisplayName</key>
<string>FbLibTest</string>
```

備註：

CFBundleURLSchemes ： fb + you-app-id

FacebookAppID：your-app-id

FacebookDisplayName：your-app-name

```xml
<key>NSAppTransportSecurity</key>
<dict>
    <key>NSExceptionDomains</key>
    <dict>
        <key>facebook.com</key>
        <dict>
            <key>NSIncludesSubdomains</key> <true/>
            <key>NSThirdPartyExceptionRequiresForwardSecrecy</key>
<false/>
        </dict>
        <key>fbcdn.net</key>
        <dict>
            <key>NSIncludesSubdomains</key> <true/>
            <key>NSThirdPartyExceptionRequiresForwardSecrecy</key>
<false/>
        </dict>
        <key>akamaihd.net</key>
        <dict>
            <key>NSIncludesSubdomains</key> <true/>
            <key>NSThirdPartyExceptionRequiresForwardSecrecy</key>
<false/>
        </dict>
    </dict>
</dict>
```

```xml
<key>LSApplicationQueriesSchemes</key>
<array>
    <string>fbapi</string>
    <string>fb-messenger-api</string>
    <string>fbauth2</string>
    <string>fbshareextension</string>
    <string>googlechromes</string>
    <string>comgooglemaps</string>
</array>
<key>NSLocationWhenInUseUsageDescription</key>
<string></string>
```

- 在AppDelegate.h 加入 FBSDKApplicationDelegate

```objc
#import <FBSDKCoreKit/FBSDKCoreKit.h>
@interface AppDelegate : UIResponder <UIApplicationDelegate>
```

- 在AppDelegate.m 加入相關程式碼

  didFinishLaunchingWithOptions 加入以下程式碼

```objc
[[FBSDKApplicationDelegate sharedInstance]
application:application
```
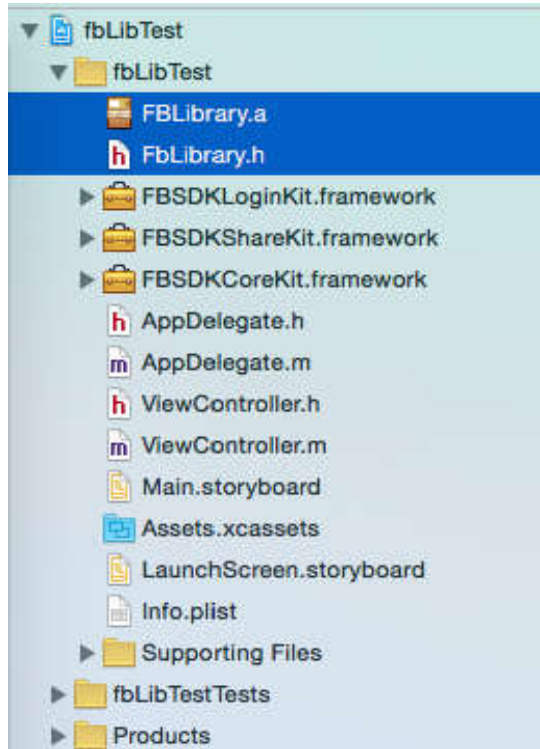
添加以下方法

```objc
- (BOOL)application:(UIApplication *)application openURL:(NSURL *)url
sourceApplication:(NSString *)sourceApplication annotation:(id)annotation {
    return [[FBSDKApplicationDelegate sharedInstance] application:application
openURL:url sourceApplication:sourceApplication annotation:annotation];
}
```

applicationDidBecomeActive 加入以下程式碼

```
[FBSDKAppEvents activateApp];
```

上面的步驟做完,就把基本設定都設定好了。

3. 匯入 FBLibrary.a、FBLibrary.h

4. 註冊 NSNotificationCenter

```
// 註冊監聽
[[NSNotificationCenter defaultCenter]addObserver:self
selector:@selector(fbLoginResponse) name:@"fbLoginResponse" object:nil];
```

5. 建置 fbLoginResponse

```objc
/**
 *  FB Login Response
 */
- (void)fbLoginResponse{
    NSUserDefaults *userDefaults = [NSUserDefaults standardUserDefaults];
    NSString* FbId = [userDefaults objectForKey:@"FB_ID"];
    NSString* FbName = [userDefaults objectForKey:@"FB_NAME"];
    NSError *FbError = [userDefaults objectForKey:@"FBError"];
    NSLog(@"Login Facebook : FB_ID = %@ , FB_NAME = %@ , FB_ERROR = %@",FbId,FbName,FbError);
}
```

6. 實作 Fackbook Login

```objc
UIButton *btnLogin=[UIButton buttonWithType:UIButtonTypeCustom];
[btnLogin setBackgroundImage:[UIImage imageNamed:@"icon-fb.png"]
forState:UIControlStateNormal];


btnLogin.frame=CGRectMake(100,150,225,40);
btnLogin.center = self.view.center;
[btnLogin setTitle: @"      Facebook 帳號登入" forState: UIControlStateNormal];
[btnLogin addTarget:self action:@selector(loginButtonClicked)
forControlEvents:UIControlEventTouchUpInside];
[self.view addSubview:btnLogin];
```

```objc
- (void)loginButtonClicked{
    [[FbLibrary sharedManager]Login:self];
}
```

如果 Facebook 認證成功，則 fbLoginResponse會被呼叫，且可以取得 FB_ID，
如果有錯誤，則 FB_ERROR 會顯示錯誤原因。