iOS Integration Guide

Steps to incorporate notify library to an application

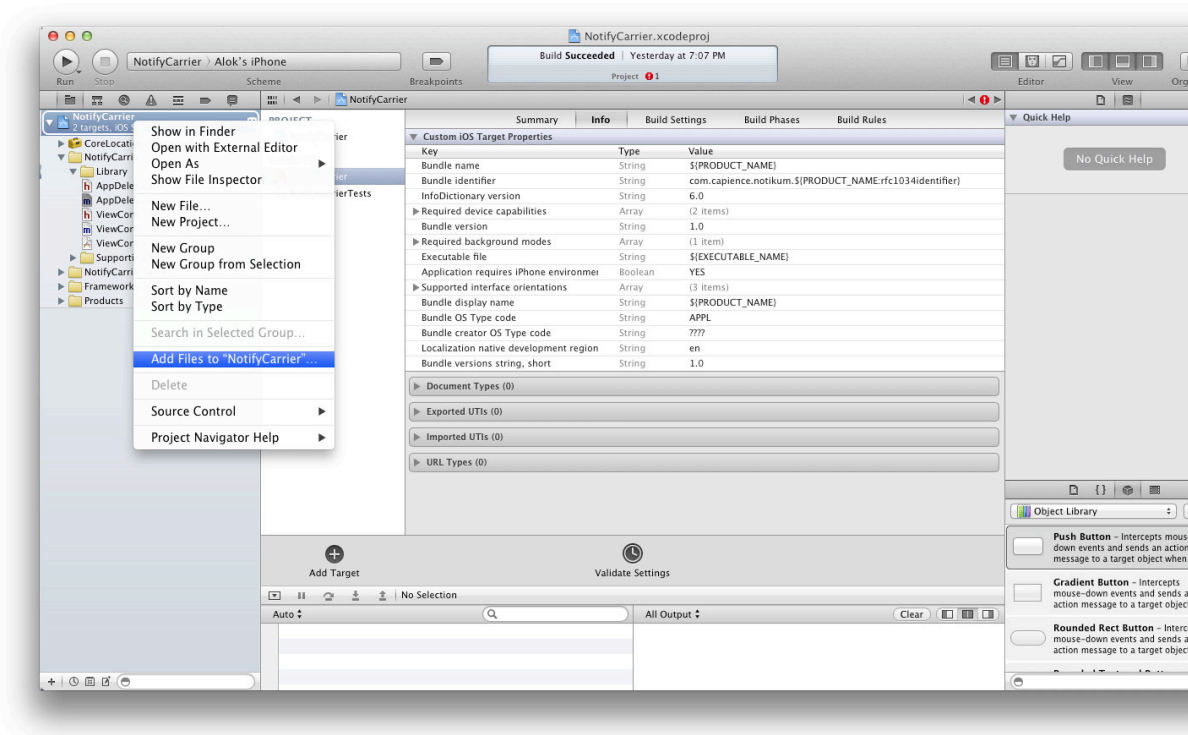**Prerequisites**

1. Register with Notify
2. Obtain the App id
3. Download the Notify Library

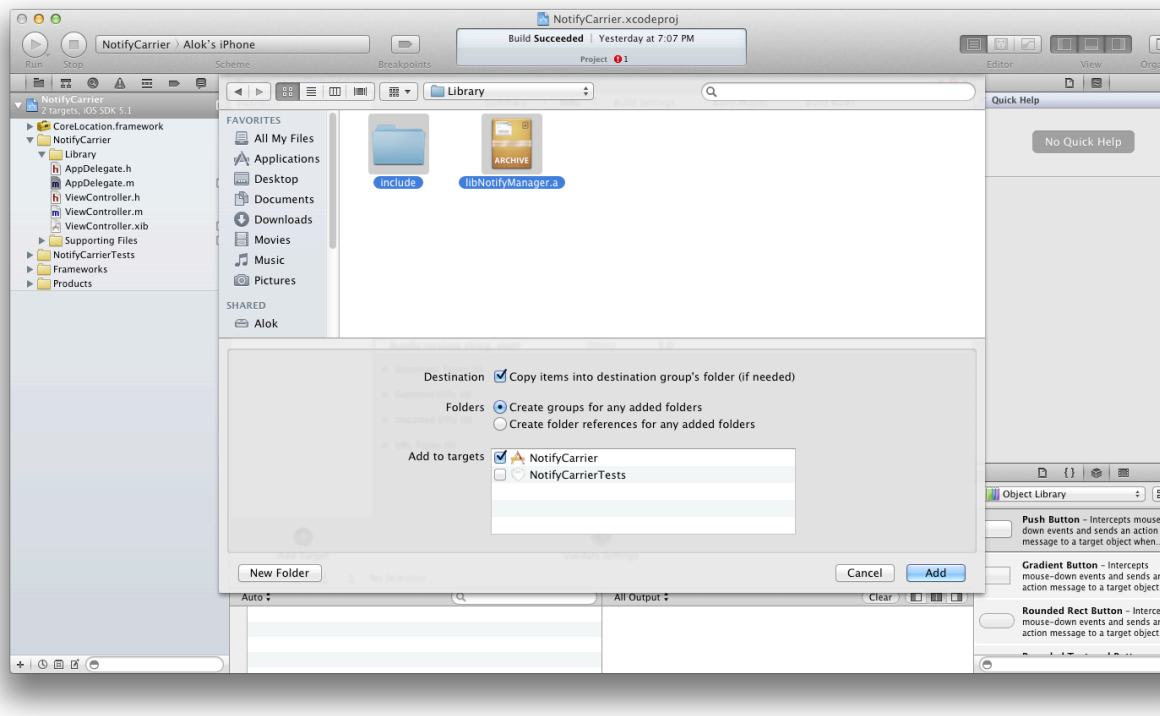**Adding the Notify library in your application**

`@implement` `NotifyManager`

1. Add the libNotifyManager.a and include folder to your project

a. Right click anywhere on the project navigator pane and select Add Files to "Your project" menu
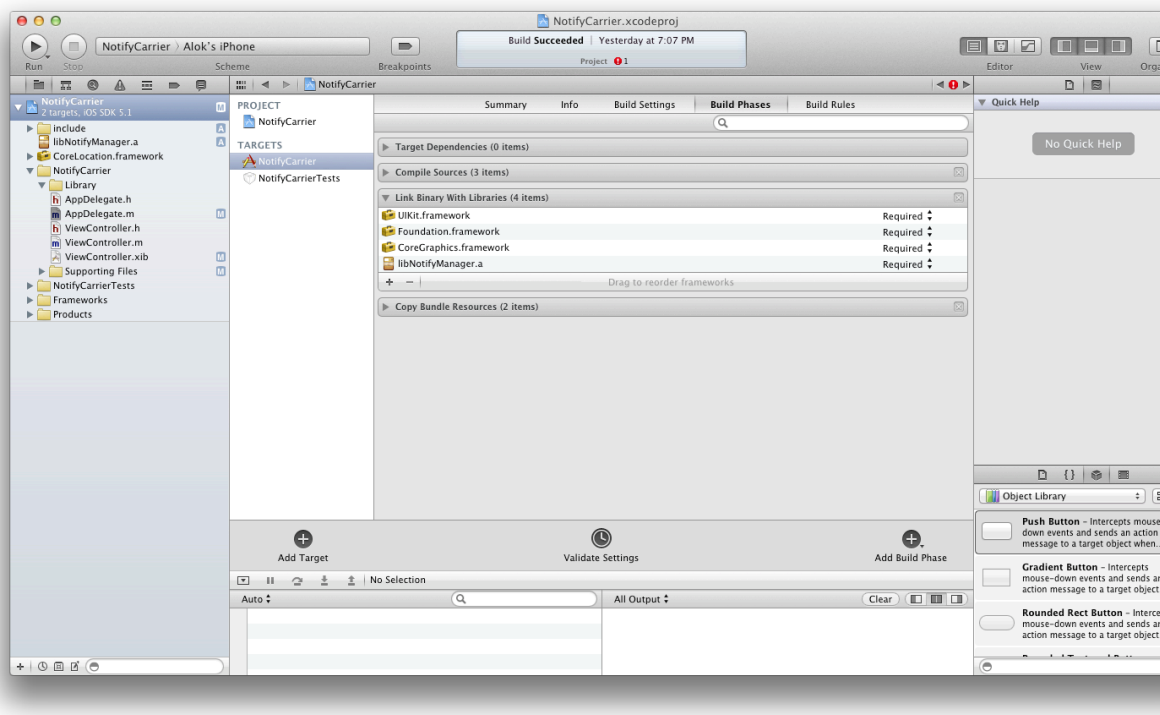

b. Select the file "libNotifyManager.a" and Folder "include" and click on "Add"
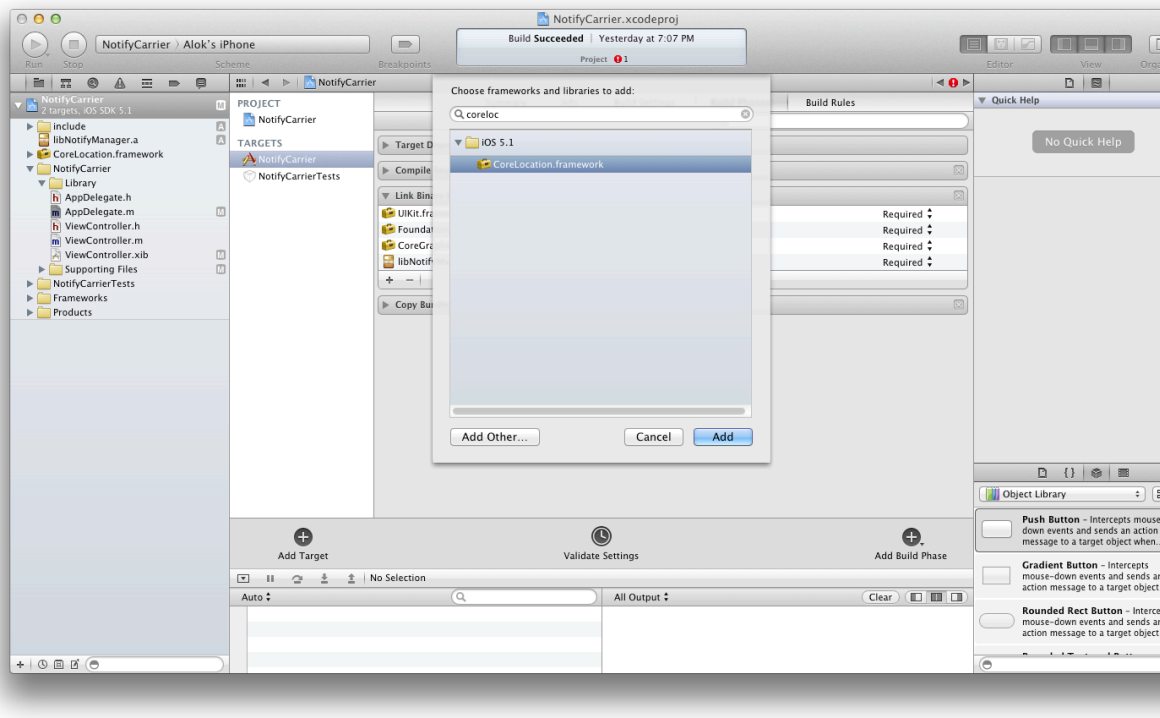
2. Link Core Location Framework to your project

    a. **Click on your project folder on the project navigator pane and go to "Build Phases" Tab.**
    b. **Expand the "Link Binary With Library" pane.**

    c. **Click on the '+' button and select "CoreLocation.framework" and click "Add"**

3. Now the Notify library have been attached to your project.

Using Notify Services

Steps to enable notify services in your application

1. import "NotifyManager.h" to your app delegate

2. Add

```
[[NotifyManager sharedManager] processLaunchOptions:launchOptions];
```

To the method

```
- (BOOL)application:(UIApplication *)application
didFinishLaunchingWithOptions:
    (NSDictionary *)launchOptions
```

In your app delegate

3. Add

```
[[NotifyManager sharedManager] startNotifyServicesWithAppID:@"#yourAppID"
key:@"#yourSecretKey"];
```

To the method

```
- (void)applicationDidEnterBackground:(UIApplication *)application
```

In your app delegate

4. Add

```
[[NotifyManager sharedManager] stopNotifyServices];
```

To the method

– (void)applicationWillEnterForeground:(UIApplication ∗)application

In your app delegate

5. Add

[[NotifyManager sharedManager] processLocalNotification:notification];

To the method

– (void)application:(UIApplication ∗)application
didReceiveLocalNotification:
    (UILocalNotification ∗)notification

In your app delegate

@end

NotifyManager.h
Exposed Methods

@interface NotifyManager

1.
+(NotifyManager ∗)sharedManager;
//Return the reference to the singleton object
eg.
[[NotifyManager sharedManager] stopNotifyServices];

2.
–(void)startNotifyServicesWithAppID:(NSString ∗)appID key:(NSString ∗)key;

//Starts the notify Services like background location tracking, region
monitoring etc
//Params:– appId an instance of NSString
//   key an instance of NSString
//Note:– Supply the appId and key provided to you at the time of registering
with Notiphi

eg.
[[NotifyManager sharedManager] startNotifyServicesWithAppID:@"123456"
key:@"myKey123"];

3.
–(void)stopNotifyServices;

//Stops all the monitoring done by notify

eg.
[[NotifyManager sharedManager] stopNotifyServices]

4.
–(BOOL) isLocalNotificationFromNotify:(UILocalNotification

```objc
*)localNotification;

//The method returns yes, if the local notification was generated by notify.
Returns no, otherwise
//Params:- local notification an instance of UILocalNotification.
//Note:- use this method in "application: didFinishLaunchingWithOptions:"

eg.
if([[NotifyManager sharedManager]
isLocalNotificationFromNotify:localNotification]){
    //…. do something
}




5.
-(BOOL) isAppLaunchedByNotifyService:(NSDictionary *)launchOptions;

//The method returns yes, if the app was launched by notify services. Returns
no otherwise
//Params:- the launch options dictionary an instance of NSDictionary.
//Note:- use this method in "application: didFinishLaunchingWithOptions:"

eg.
if([[NotifyManager sharedManager] isAppLaunchedByNotifyService:launchOptions])
{
    //…. do something
}




6.
-(void)processLocalNotification:(UILocalNotification *)localNotification;

//The method process the local notification if the local notification was
generated by notify services and displays the details of the offer
//Params:- local notification an instance of UILocalNotification.
//Note:- use this method in "application:didReceiveLocalNotification:"

eg.
[[NotifyManager sharedManager]  processLocalNotification:localNotification]




7.
-(void)processLaunchOptions:(NSDictionary *)launchOptions;

//The method process the launch options and check if the app was launched by
notify services, and displays the details of the offer
//Params:- the launch options dictionary an instance of NSDictionary.
//Note:- use this method in "application: didFinishLaunchingWithOptions:"

eg.
[[NotifyManager sharedManager]  processLaunchOptions:launchOptions]


@end
```