Misfit Cloud API Wrapper for iOS

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基本对象Basic Objects/Concepts

MFCSession

单例模式对象，集中管理当前用户的配置，状态和功能入口。

Singleton object, store and manage the user's settings, status and function entry.

```objc
typedef void (^MFCCompletion) (NSDictionary * data, MFCError * error);

@interface MFCSession : NSObject

@property (nonatomic, readonly) BOOL isConnected;
+ (MFLSession *) sharedInstance;
- (BOOL) handleOpenURL:(NSURL *) url;
- (BOOL) canHandleOpenUrl:(NSURL *) url;
- (void) handleDidBecomeActive;
- (void) connectWithAppId:(NSString *) appId appSecret:(NSString *) appSecret responseType:(NSString *
- (void) disconnect;
- (BOOL) isMisfitAppInstalled;

- (void) getProfileWithCompletion:(MFCCompletion) completion;
- (void) getSettingWithCompletion:(MFCCompletion) completion;
- (void) getDeviceWithCompletion:(MFCCompletion) completion;

- (void) getActivitySummaryWithCompletionByStartDate:(NSDate *)startDate endDate:(NSDate *)endDate (MF
- (void) getActivityDetailWithCompletionByStartDate:(NSDate *)startDate endDate:(NSDate *)endDate (MFC
- (void) getSleepSummaryWithCompletionByStartDate:(NSDate *)startDate endDate:(NSDate *)endDate (MFCCo
- (void) getSleepDetailWithCompletionByStartDate:(NSDate *)startDate endDate:(NSDate *)endDate (MFCCom
- (void) getWeightSummaryWithCompletionByStartDate:(NSDate *)startDate endDate:(NSDate *)endDate (MFCC

@end
```

示例代码Sample Code:

1. 修改 AppDelegate

```objc
@implementation AppDelegate


#pragma mark - handle application did become active
- (void)applicationDidBecomeActive:(UIApplication *)application {
    [[MFLSession sharedInstance] handleDidBecomeActive];
}


#handle openURL
- (BOOL)application:(UIApplication *)application openURL:(NSURL *)url sourceApplication:(NSString *)sc
        annotation:(id)annotation
{
    BOOL canHandle = NO;
    if ([[MFCSession sharedInstance] canHandleOpenUrl:url])
    {
        canHandle = [[MFCSession sharedInstance] handleOpenUrl:url];
    }
    //other logic
    return canHandle;
}
```

2.在需要用户绑定Misfit账号的地方调用: (Connect to Misfit):

```objc
[[MFCSession sharedInstance] connectWithAppId:@"yourAppId" appSecret:@"yourAppSecret"
completion:^(NSDictionary * data, MFCError* error)
{
    if (error)
    {
        //handle error.
        return;
    }
    NSString * token = [data objectForKey:@"access_token"];
    // do whatever you want.
}];
```

3. 检查Misfit是否已连接；Check Whether The User Is Connected to Misfit or not

```objc
BOOL isConnected = [MFCSession sharedInstance].isConnected
```

4. 检查Misfit是否已安装；Check Whether Misfit App Is Installed or not

```objc
BOOL isMisfitAppInstalled = [[MFCSession sharedInstance] isMisfitAppInstalled]
```

5. 获取数据；Get Resource

```objc
[[MFCSession sharedInstance] getActivitySummaryWithCompletionByStartDate:startDate endDate:endDate
completion:^(NSDictionary * data, MFCError* error)
{
    if (error)
    {
        //handle error.
        return;
    }
    NSArray * activitySummary = [data objectForKey:@"activity_summary"];
    for (NSDictionary * item in activitySummary)
    {
        // do whatever you want.
        /*
        {
            "date": "2013-11-05",
            "points": 394.4,
            "steps": 3650,
            "calories": 1687.4735,
            "activityCalories": 412.3124,
            "distance": 1.18
        }
        */
    }
}];
```