# AdView Auction SDK Specification_iOS V.4.0.0

# Contents

I.   Sign up and get SDK

1. Sign up at  http://www.adview.com.
2. Loggin  and publishe app in "My product".
3. Select "iOS" as app platform,   complete the required information and submit, then you will get the unique SDK key. Configure your app accordingly in "App Management"
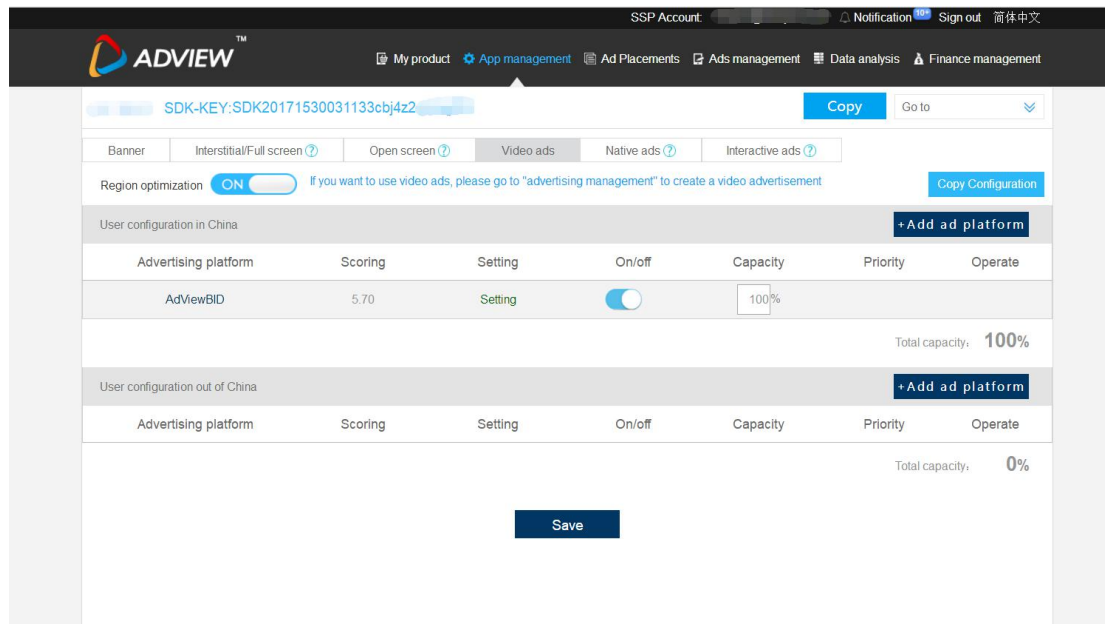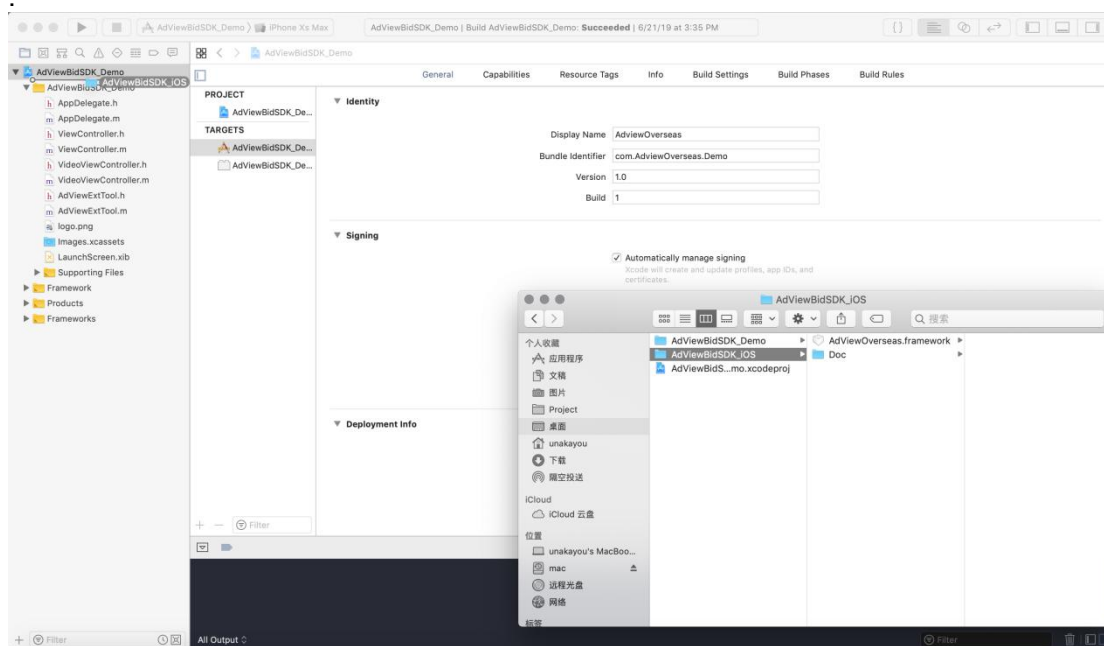


II.   Add SDK

Usually you can integrate AdView atucion SDK by following the below steps:

1）get AdViewBidSDKDemo_iOS and unzip it in Finder, and you will see the unzipped AdViewBidSDKDemo_iOS in Finder as it shows below：
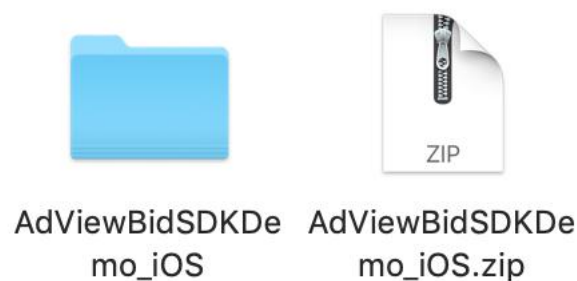
2）Drag the AdViewOverseas.framework to the project in Finder



3）Select "Copy items into destination group's folder (if needed)" in the pop-up box of Xcode.  Once finish, Ad auction SDK will be added to your project as the image shows:
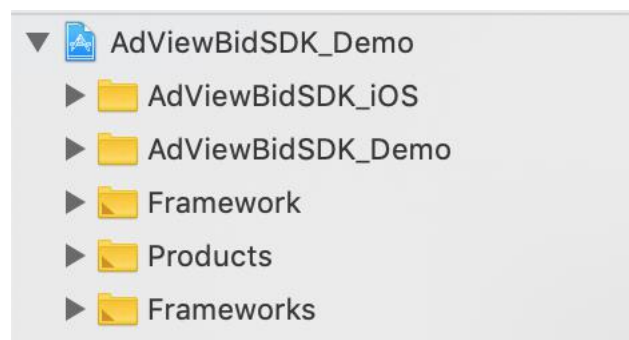
## Ⅲ Create ads

### 1）create banner ad codes

```objc
/**
 The Banner sizes
 */
typedef NS_ENUM(NSInteger, AdCompBannerSize)
{
    AdCompBannerSize_320x50,
    AdCompBannerSize_480x44,
    AdCompBannerSize_300x250,    //MREC
    AdCompBannerSize_480x60,
    AdCompBannerSize_728x90,
};

/**
 Banner request

 @param size banner size
 @param positionId banner positionId
 @param delegate see AdCompViewDelegate
 @return the Banner view
 */
+ (AdCompView *)requestBannerSize:(AdCompBannerSize)size
                       positionId:(NSString *)positionId
                         delegate:(id<AdCompViewDelegate>)delegate;

self.banner = [AdCompView requestBannerSize:AdCompBannerSize_480x60 positionId:BANNER_POSITION_ID delegate:self];
[self.view addSubview:self.banner];
```

### 2）create interstitial ad codes
   display interstitial ads after the request and call back succeed

```objc
/**
 Interstitial request

 @param delegate see AdCompViewDelegate
 @return the Interstitial view
 */
+ (AdCompView *)requestAdInterstitialWithDelegate:(id<AdCompViewDelegate>)delegate;

self.interstitial = [AdCompView requestAdInterstitialWithDelegate:self];

- (void)didReceivedAd:(AdCompView *)adView reuse:(BOOL)isReuse {
    if (adView.advertType == AdCompInstl) {
        [self.instl showInterstitialWithRootViewController:self];
    }
}
```

### 3）create openning screen (Spread) ad codes

```objc
/**
 Spread request

 @param delegate see AdCompViewDelegate
 @return the Spread view
 */
+ (AdCompView *)requestSpreadActivityWithDelegate:(id<AdCompViewDelegate>)delegate;

- (BOOL)application:(UIApplication *)application didFinishLaunchingWithOptions:(NSDictionary *)launchOptions {
    self.spread = [AdCompView requestSpreadActivityWithDelegate:self];
    return YES;
}
```

Ⅳ. Ad Agency

```
//Refer to the "AdCompViewDelegate.h" for details.

@protocol AdCompViewDelegate <NSObject>
@required
/**
 The application id, you can register here: http://www.adview.com/web/overseas

 @return appid
 */
- (NSString *)appId;

/**
 Show Ad in this viewController or viewController.view

 @return a present viewController
 */
- (UIViewController *)viewControllerForShowModal;

@optional

/**
 * Ad request success
 */
- (void)didReceivedAd:(AdCompView *)adView reuse:(BOOL)isReuse;

/**
 * Ad request faild
 */
- (void)didFailToReceiveAd:(AdCompView *)adView Error:(NSError*)error;

/**
 Ad will show

 @param adView The Adview
 */
- (void)adViewWillPresentScreen:(AdCompView *)adView;
```

Ⅴ.Configurate Xcode project

1.  Set the value of "Other Linker Flags" in project settings, and add "-ObjC" mark

2.  Add the framework which is needed for AdViewOverseas.framework in your project.
    ·AdSupprot.framework
    ·CoreTelephony.framework
    ·CoreGraphics.framework
    ·MessageUI.framework
    ·SystemConfigUration.framework
    ·CoreText.framework
    ·libstdc++.tbd
    ·libz.tbd
    ·Ilibxml2.tbd

3.  Compile and link to your project , then the interstitial ads can be displayed.

## 4．Do the settings in the project to support http