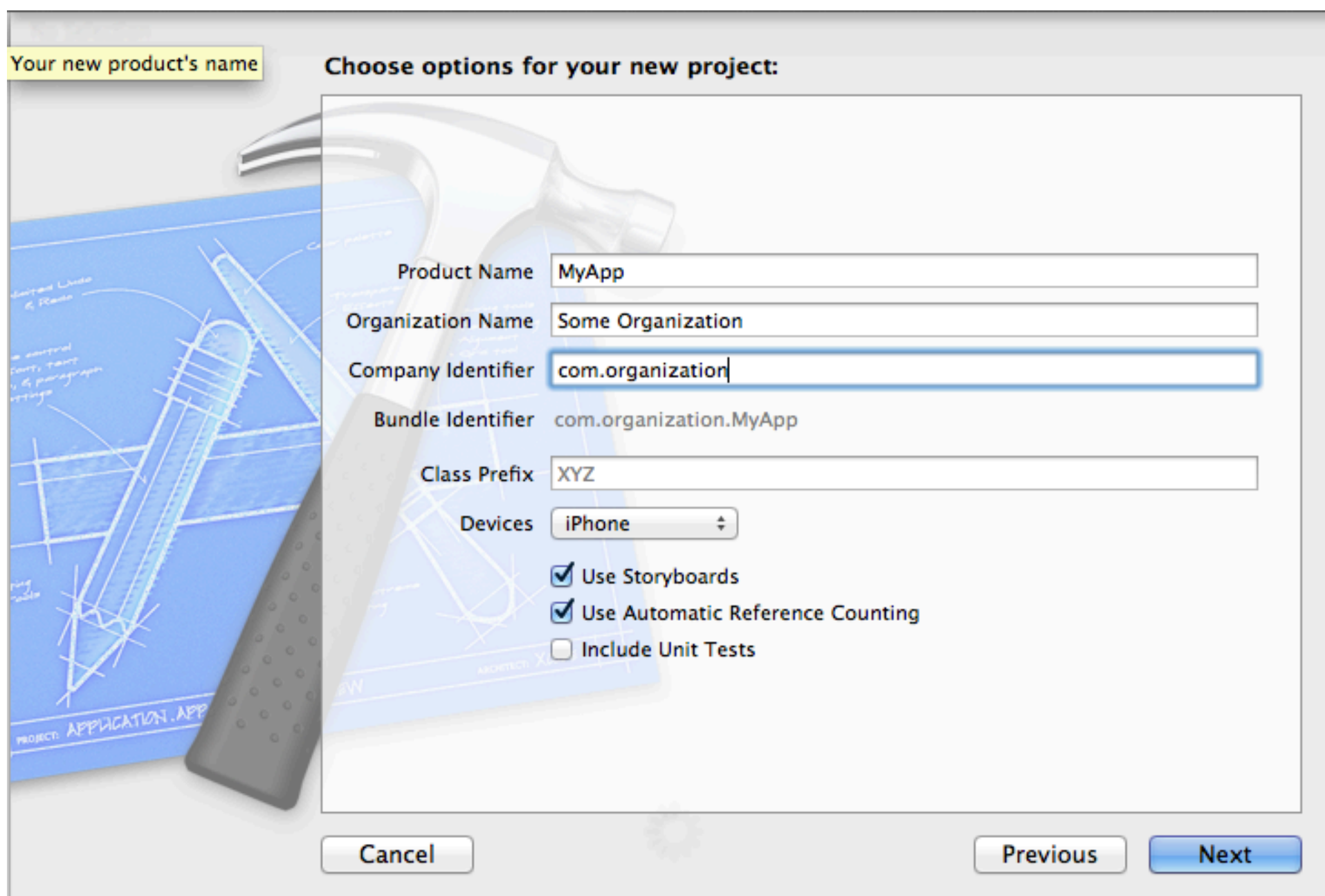# Quick Start with the iOS SDK
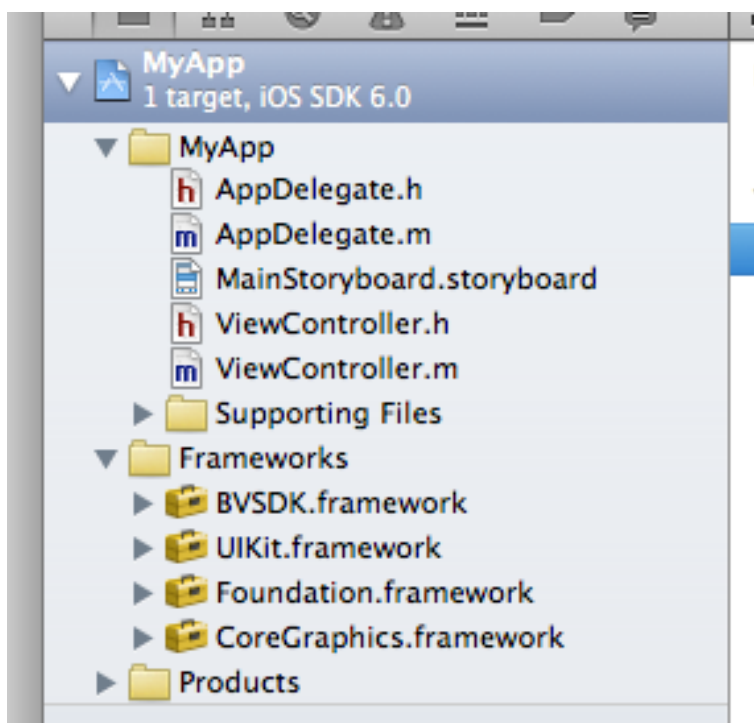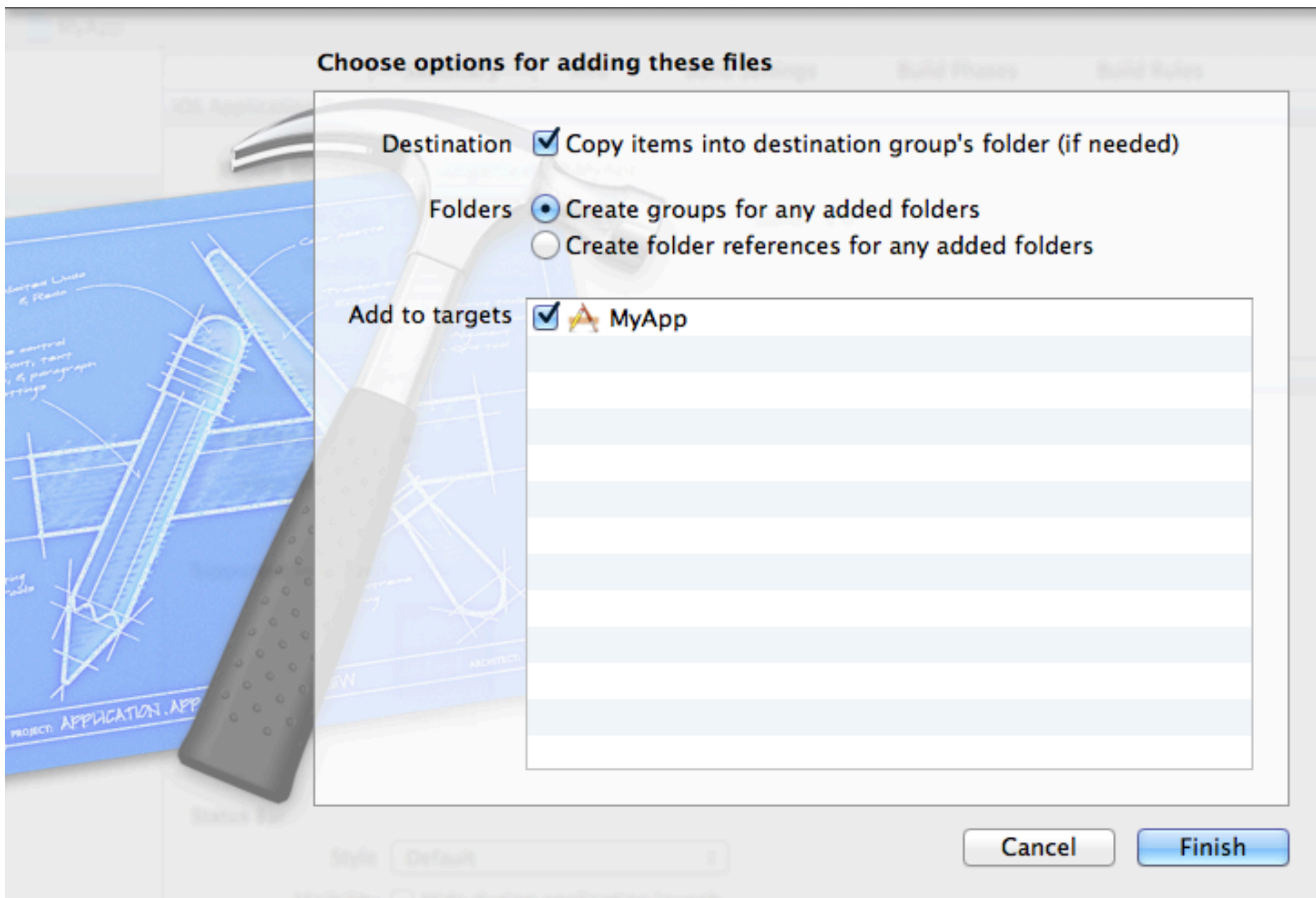
1. To work with production data, you need a developer API key. Visit http://developer.bazaarvoice.com. If you merely would like to get familiar with the SDK, you can use the passKey (kuy3zj9pr3n7i0wxajrzj04xo) provided for testing in the Bazaarvoice Developer Portal.

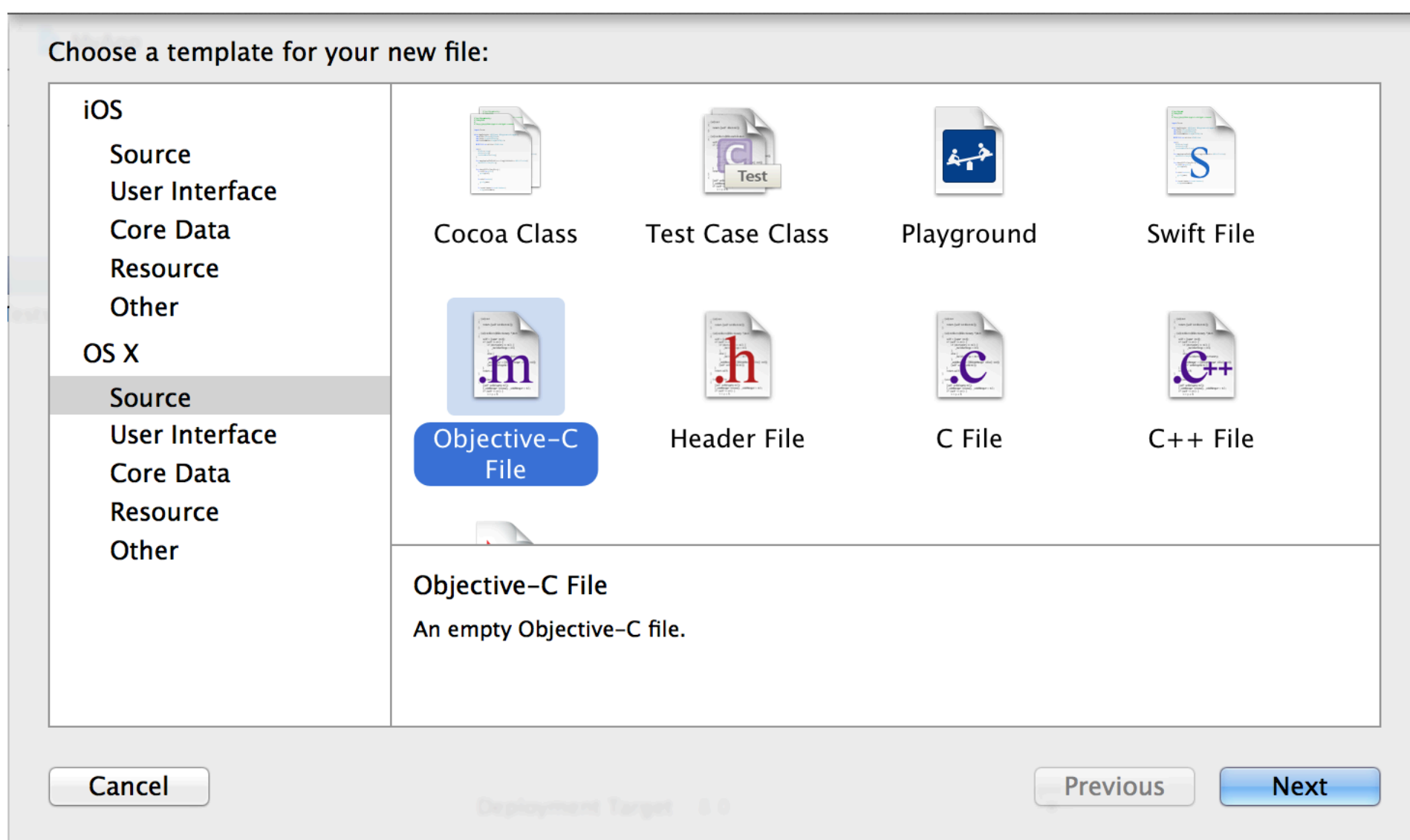**2.** Open Xcode and Create a Single View Application.

3. Download the SDK from Github, or clone this repository, or include the SDK via CocoaPods -- simply add pod 'BVSDK' to your pod file and run pod install.

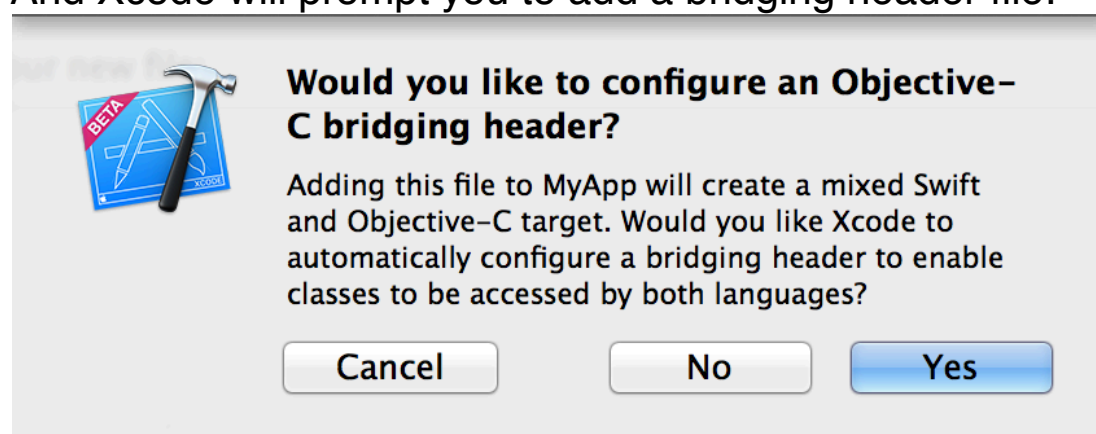**4.** If downloaded, unzip the downloaded SDK into a temporary folder and drag and drop the BVSDK.framework folder (which is inside the unzipped folder) into your Xcode project. Check the "Copy into destination's group folder" checkbox if it is not clicked.

5. [This step is for Swift-based apps only] Add an Objective-C bridging header file. To do this, simply add a new Objective-C file to your project:

And Xcode will prompt you to add a bridging header file:

6. Import the SDK.

[Objective-C] Inside the **ViewController.h** add the following import:

```
#import <BVSDK/BVSDK.h>
```

[Swift] Inside the Objective-C bridging header file add the following import:

```
#import <BVSDK/BVSDK.h>
```

7. Set the protocol.

[Objective-C] Also inside the **ViewController.h** file, set the **UIViewController** to conform to the **BVDelegate** protocol as follows:

```
@interface ViewController : UIViewController<BVDelegate>
@end
```

[Swift] Also inside the **ViewController.swift** file, set the **UIViewController** to conform to the **BVDelegate** protocol as follows:

```
class ViewController: UIViewController, BVDelegate { /%...%/ }
```

8. Capture the response.

[Objective-C] **Inside** the **ViewController.m** file, implement the **didReceiveResponse** method with the following code:

```
- (void)didReceiveResponse:(NSDictionary *)response forRequest:(id)request {
    // This is just going to log the response out. You probably want to
    // do something more useful eventually.
    NSLog(@"Raw Response: %@", response);
}
```

[Swift] **Inside** the **ViewController.swift** file, implement the **didReceiveResponse** method with the following code:

```swift
func didReceiveResponse(response: [NSObject : AnyObject]!, forRequest request:
AnyObject!) {

    print("Raw Response: ", response)
}
```

9. Set the SDK passKey, baseURL, and environment.
[Objective-C] In the **ViewController.m** file, locate the **viewDidLoad** method. Copy the following code in order to set up your **passKey,** your **baseUrl** and to specify that we will be using the **staging** server:

```objc
- (void)viewDidLoad
{
    [super viewDidLoad];
    // Do any additional setup after loading the view, typically from
    // a nib.
    [BVSettings instance].passKey = @"kuy3zj9pr3n7i0wxajrzj04xo";
    [BVSettings instance].staging = YES;
}
```

[Swift] In the **ViewController.swift** file, locate the **viewDidLoad** method. Copy the following code in order to set up your **passKey,** your **baseUrl** and to specify that we will be using the **staging** server:

```swift
override func viewDidLoad() {
    super.viewDidLoad()
    // Do any additional setup after loading the view, typically from a nib.
    BVSettings.instance().passKey = "kuy3zj9pr3n7i0wxajrzj04xo"
    BVSettings.instance().staging = true;
}
```

10. Form and send the request.
[Objective-C] In the **ViewController.m** file, Add the following code to the bottom of the **viewDidLoad** method. This will allocate and initialize a request to fetch reviews via the Bazaarvoice SDK. It then sends the request with the ViewController instance as the delegate.

```objc
BVGet *reviewsRequest = [[BVGet alloc] initWithType:BVGetTypeReviews];
[reviewsRequest sendRequestWithDelegate:self];
```

[Swift] In the **ViewController.swift** file, Add the following code to the bottom of the **viewDidLoad** method. This will allocate and initialize a request to fetch reviews via the Bazaarvoice SDK. It then sends the request with the ViewController instance as the delegate.

```swift
var request = BVGet(type: BVGetTypeReviews)
request.sendRequestWithDelegate(self)
```

11. Build and run the app. You should see a raw response in the console log in Xcode. If not, start from the top and make sure you have followed each step in its entirety.

NOTE: In more complex applications, it is the client's responsibility to set the request delegate to nil within the view controller's **dealloc** method. This prevents the case that the delegate is deallocated before a response is received. Since this is a single view application, it is not necessary for the purposes of this guide. See the references applications for examples.

```
[BVSettings instance].passKey = @"kuy3zj9pr3n7i0wxajrzj04xo";
```

recreated.

```
esponse forRequest:(id)request {
 out. You probably want to

;


nitWithType:BVGetTypeReviews];
self];
```

All Output ⬍   Clear ▢▢ ▢▢▢ ▢▢

```
2012-12-06 15:23:35.826 MyApp[70936:11303] Request to send:
http://reviews.apitestcustomer.bazaarvoice.com/bvstaging/
data/reviews.json?
ApiVersion=5.3&PassKey=kuy3zj9pr3n7i0wxajrzj04xo
2012-12-06 15:23:36.323 MyApp[70936:11303] Raw Response: {
    Errors =     (
    );
    HasErrors = 0;
    Includes =     {
    };
    Limit = 10;
    Locale = "en_US";
    Offset = 0;
    Results =     (
            {
            AdditionalFields =             {
            };
            AdditionalFieldsOrder =             (
            );
            AuthorId = "data-gen-
user-2tzuqoqfmskzdyu6mm5yjjctp";
            Badges =             {
                top25Contributor =             {
```