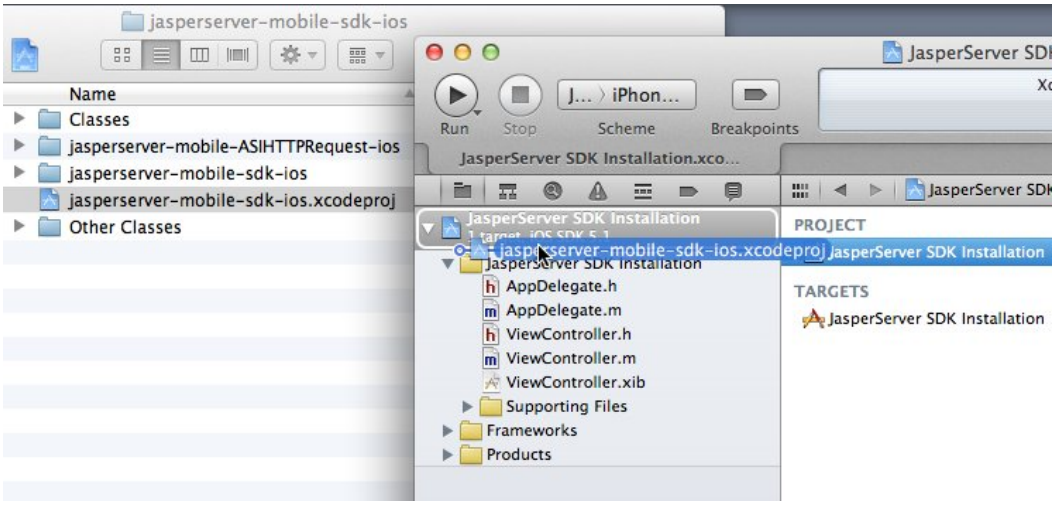
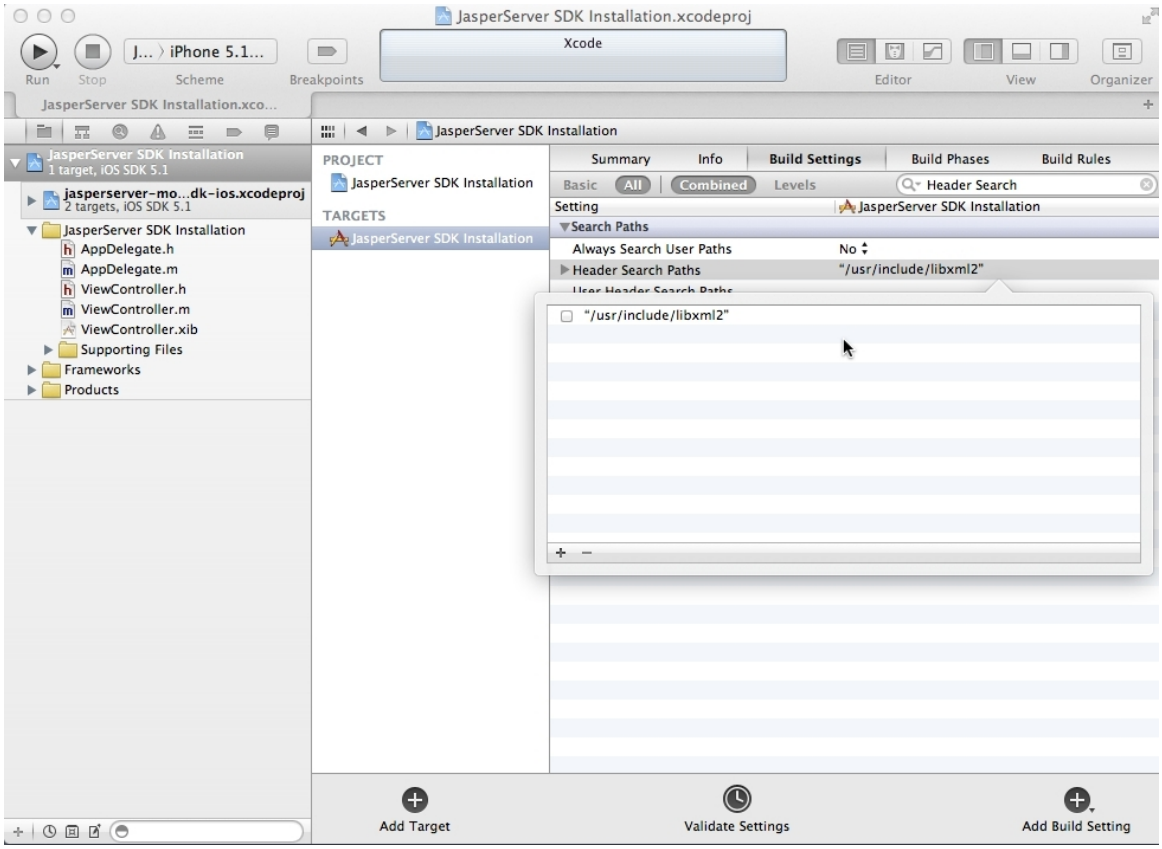
First you need to link your project with **JS SDK** by adding it to your project Workspace. Open folder with SDK, find file **jasperserver-mobile-sdk-ios.xcodeproj** and drag it to your **Project navigator**.



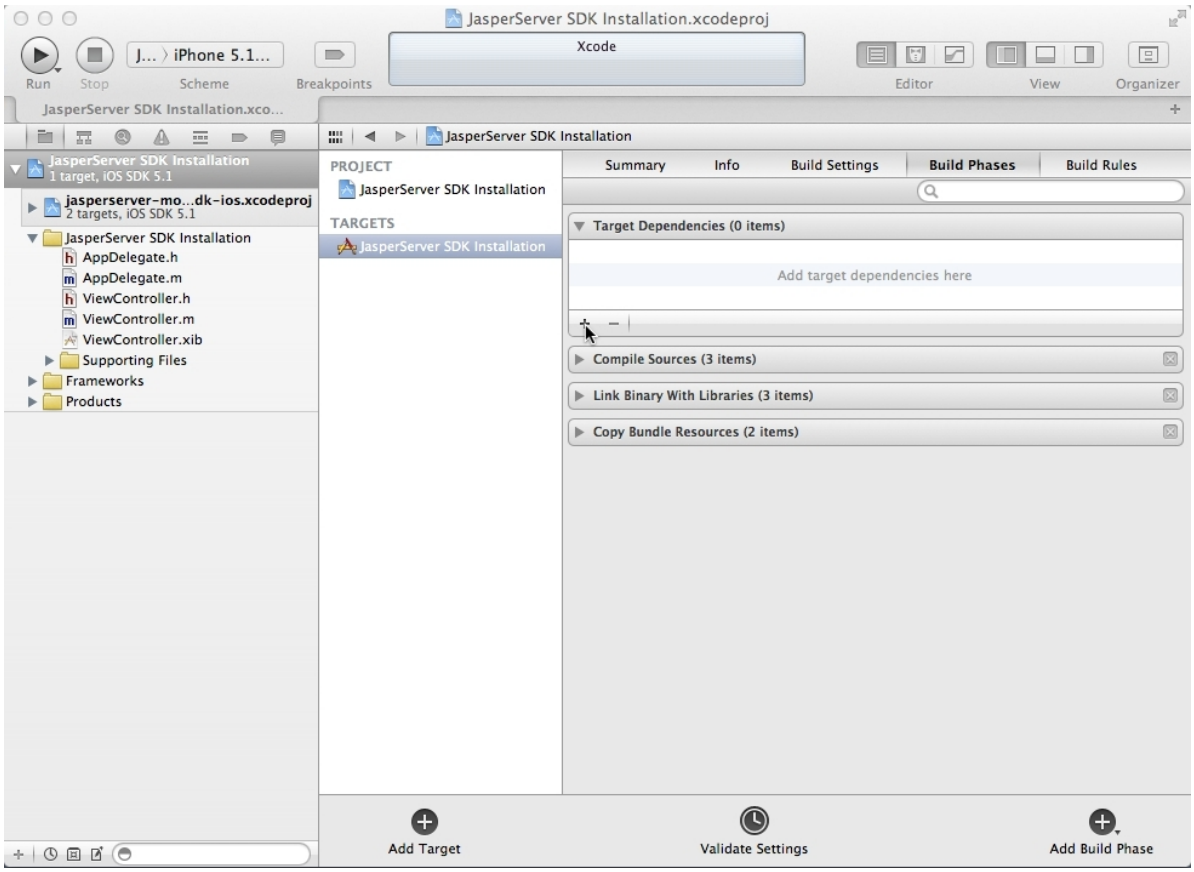
Now you need to configure some additional settings and add Frameworks to build configuration. Click on the project header in **Project navigator** (**JasperServer SDK Installation** in this example). Open tab **Build Settings** and search "**Header Search Paths**" section. Double click on it to open panel for adding flags. Add **"/usr/include/libxml2"** flag and close panel (simply by click outside of panel)

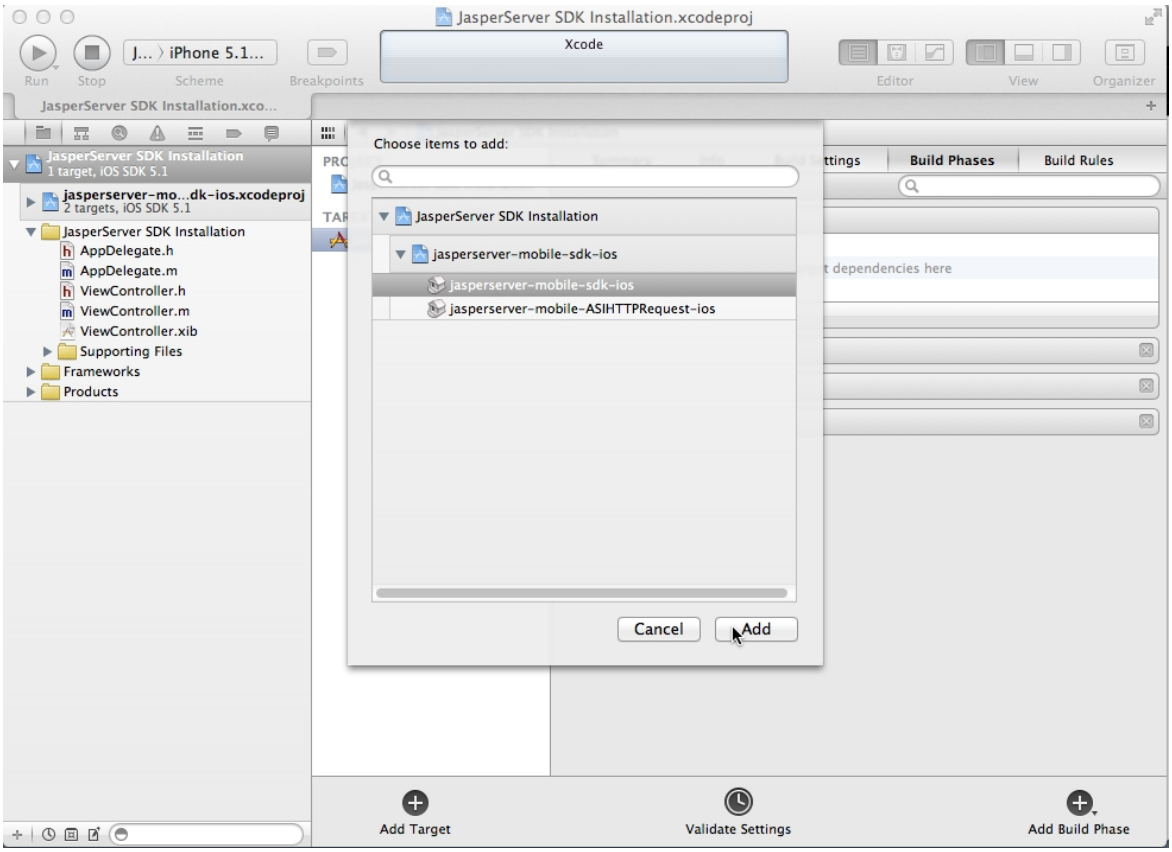


After configuring **Header Search Paths** you need to setup dependencies. Open tab **Build Phases** and

expand **Target Dependencies** section. Hit **+** button, select **jasperserver-mobile-sdk-ios** target and hit **add**.
Expand **Link Binary With Libraries** section. Same as previous steps add **jasperserver-mobile-sdk-ios.a** compiled library and all next required frameworks:

1. **CFNetwork**
2. **SystemConfiguration**
3. **MobileCoreService**
4. **libxml2.dylib**
5. **libz.dylib**

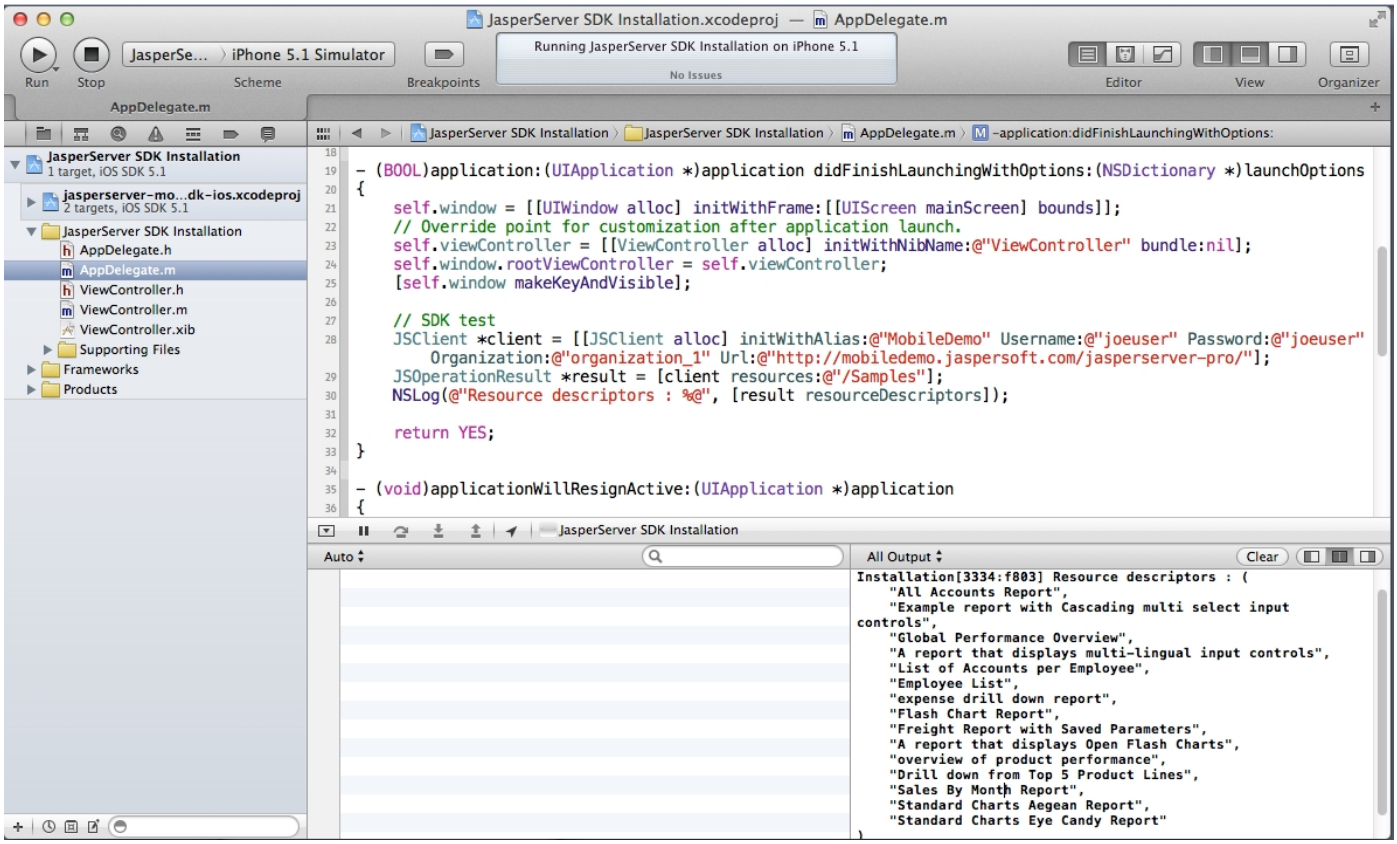




You have now completed installation of **JS SDK** into your application. To verify the installation, open up your App Delegate and add an import of the **JSClient** header:

#import <jasperserver-mobile-sdk-ios/JSClient.h>

Build your project and verify build output. Project should build without any issues. Congratulations! You have successfully finished **JS SDK** installation!


JasperServer SDK Installation.xcodeproj — AppDelegate.m
Run
Stop
JasperSe... iPhone 5.1 Simulator
Scheme
Breakpoints
Running JasperServer SDK Installation on iPhone 5.1
No Issues
Editor
View
Organizer
AppDelegate.m
JasperServer SDK Installation
1 target, iOS SDK 5.1
jasperserver-mo...dk-ios.xcodeproj
2 targets, iOS SDK 5.1
JasperServer SDK Installation
AppDelegate.h
AppDelegate.m
ViewController.h
ViewController.m
ViewController.xib
Supporting Files
Frameworks
Products
JasperServer SDK Installation › JasperServer SDK Installation › AppDelegate.m › -application:didFinishLaunchingWithOptions:
18
19 - (BOOL)application:(UIApplication *)application didFinishLaunchingWithOptions:(NSDictionary *)launchOptions
20 {
21 self.window = [[UIWindow alloc] initWithFrame:[[UIScreen mainScreen] bounds]];
22 // Override point for customization after application launch.
23 self.viewController = [[ViewController alloc] initWithNibName:@"ViewController" bundle:nil];
24 self.window.rootViewController = self.viewController;
25 [self.window makeKeyAndVisible];
26
27 // SDK test
28 JSClient *client = [[JSClient alloc] initWithAlias:@"MobileDemo" Username:@"joeuser" Password:@"joeuser"
Organization:@"organization_1" Url:@"http://mobiledemo.jaspersoft.com/jasperserver-pro/"];
29 JSOperationResult *result = [client resources:@"/Samples"];
30 NSLog(@"Resource descriptors : %@", [result resourceDescriptors]);
31
32 return YES;
33 }
34
35 - (void)applicationWillResignActive:(UIApplication *)application
36 {
JasperServer SDK Installation
Auto
All Output
Clear
Installation[3334:f803] Resource descriptors : (
"All Accounts Report",
"Example report with Cascading multi select input controls",
"Global Performance Overview",
"A report that displays multi-lingual input controls",
"List of Accounts per Employee",
"Employee List",
"expense drill down report",
"Flash Chart Report",
"Freight Report with Saved Parameters",
"A report that displays Open Flash Charts",
"overview of product performance",
"Drill down from Top 5 Product Lines",
"Sales By Month Report",
"Standard Charts Aegean Report",
"Standard Charts Eye Candy Report"
)