

How to add ABTO VoIP SDK to existing project

1. Drag & Drop SDK into project

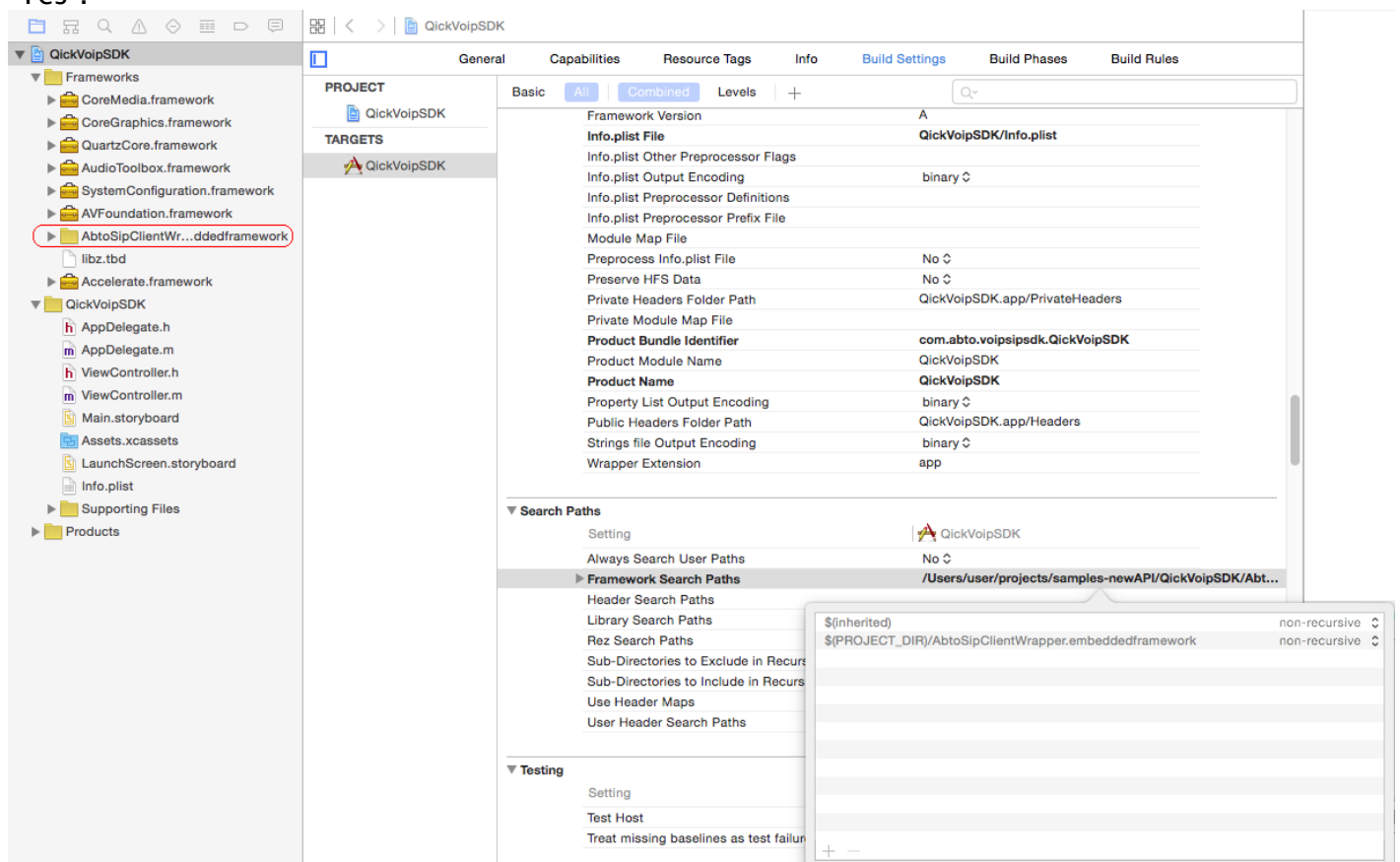
The simplest method to include ABTO VoIP SDK into existing project is just Drag & Drop `AbtoSipClientWrapper.embeddedframework` into project structure. Xcode will update project with all necessary settings.

2. Verify were properly updated frameworks search paths

Choose required Target, switch to “Build Settings” page, navigate to “Search Paths” section, expand it, select “Framework Search Paths” option – here has to be entered path to SDK.

To add path manually: double click option value, in opened popup click “+” button to include extra argument, enter path: `$(PROJECT_DIR)/AbtoSipClientWrapper.embeddedframework` or `/Users/user/MyProject/AbtoSipClientWrapper.embeddedframework`

To fix code completion and red errors during development change “Always search User Paths” to “Yes”.



3. Include few extra Frameworks.

Choose required Target, switch to “General” page, navigate to “Linked Frameworks and Libraries” section, expand it and add prerequisites from list:

CoreMedia.framework

AudioToolbox.framework

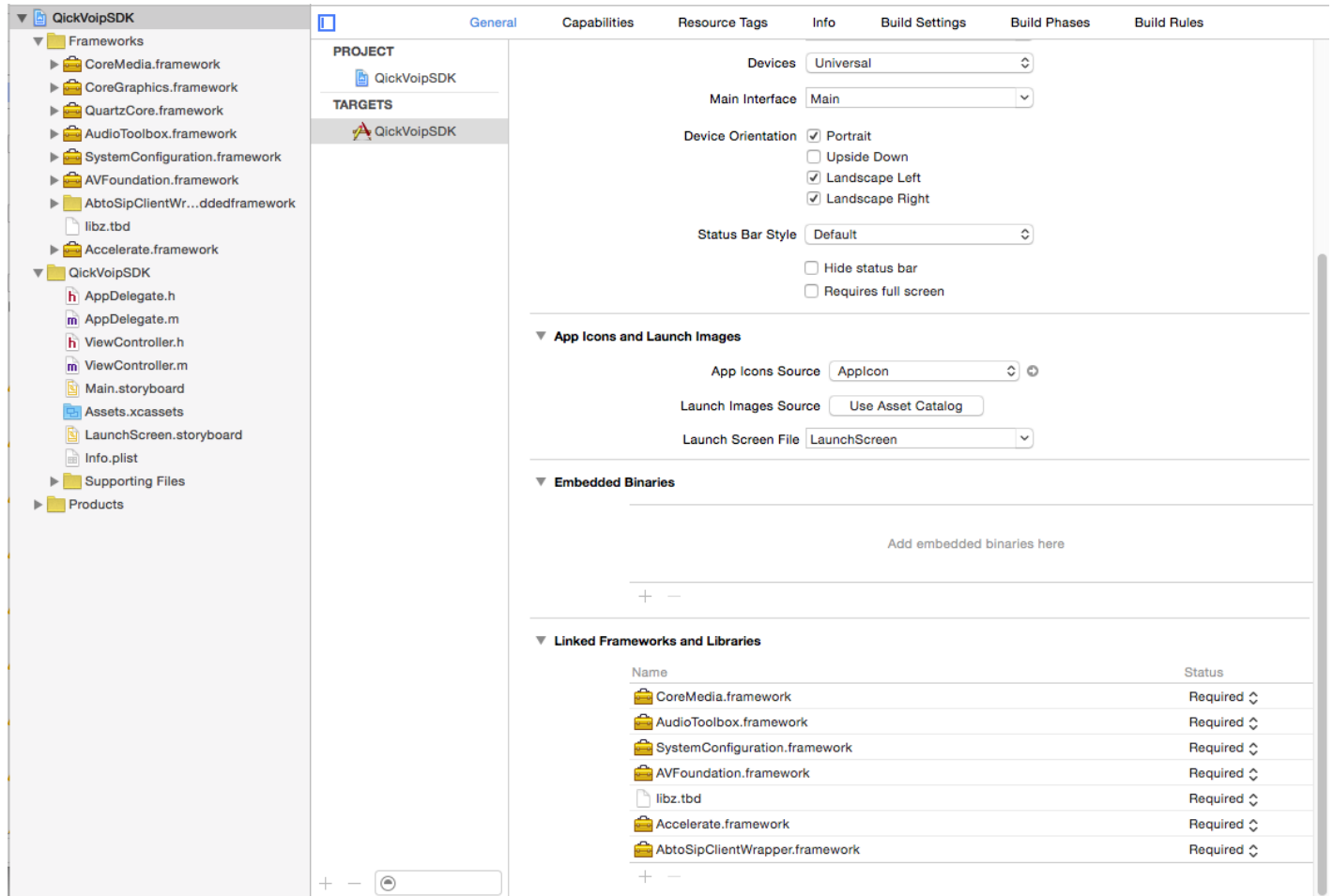
SystemConfiguration.framework

AVFoundation.framework

Accelerate.framework

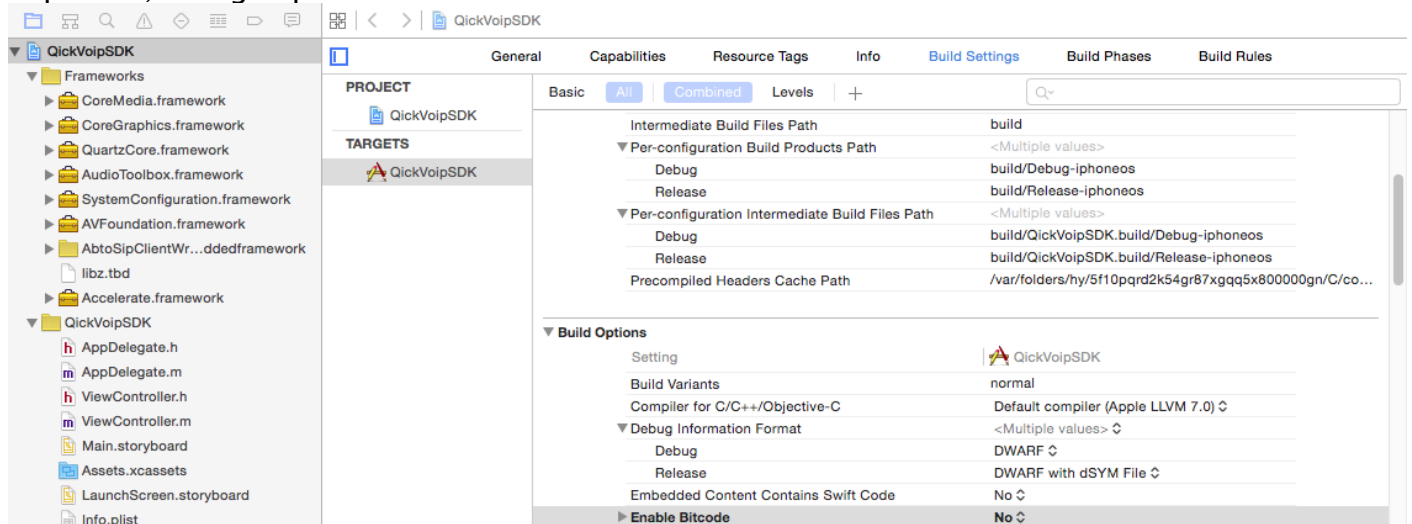
libz.tbd

libc++.tbd



4. Disable Bitcode

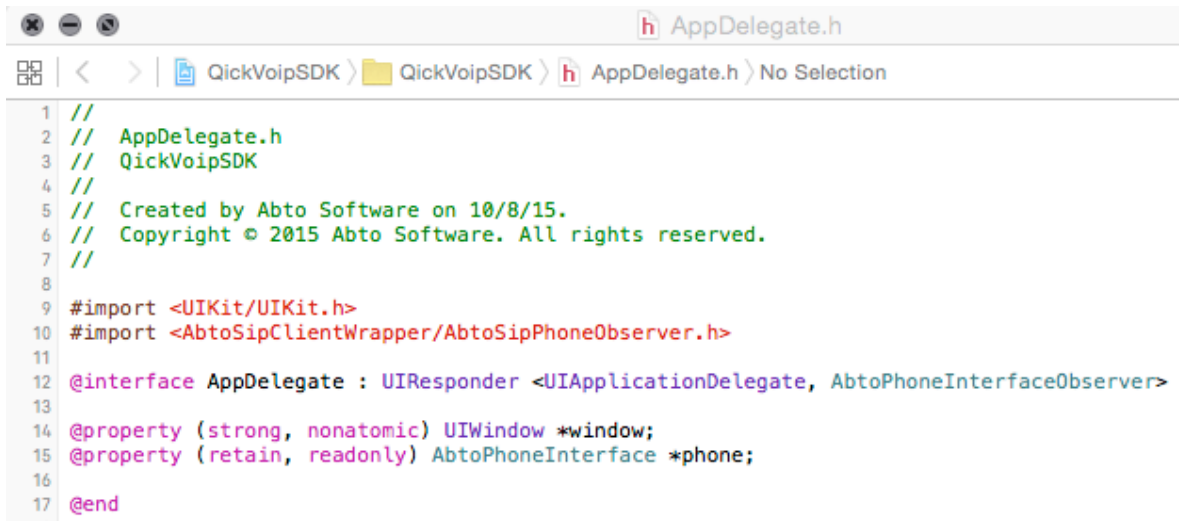
Choose required Target, switch to “Build Settings” page, navigate to “Build Options” section, expand it, change option “Enable Bitcode” to “No”.



5. Add import directive

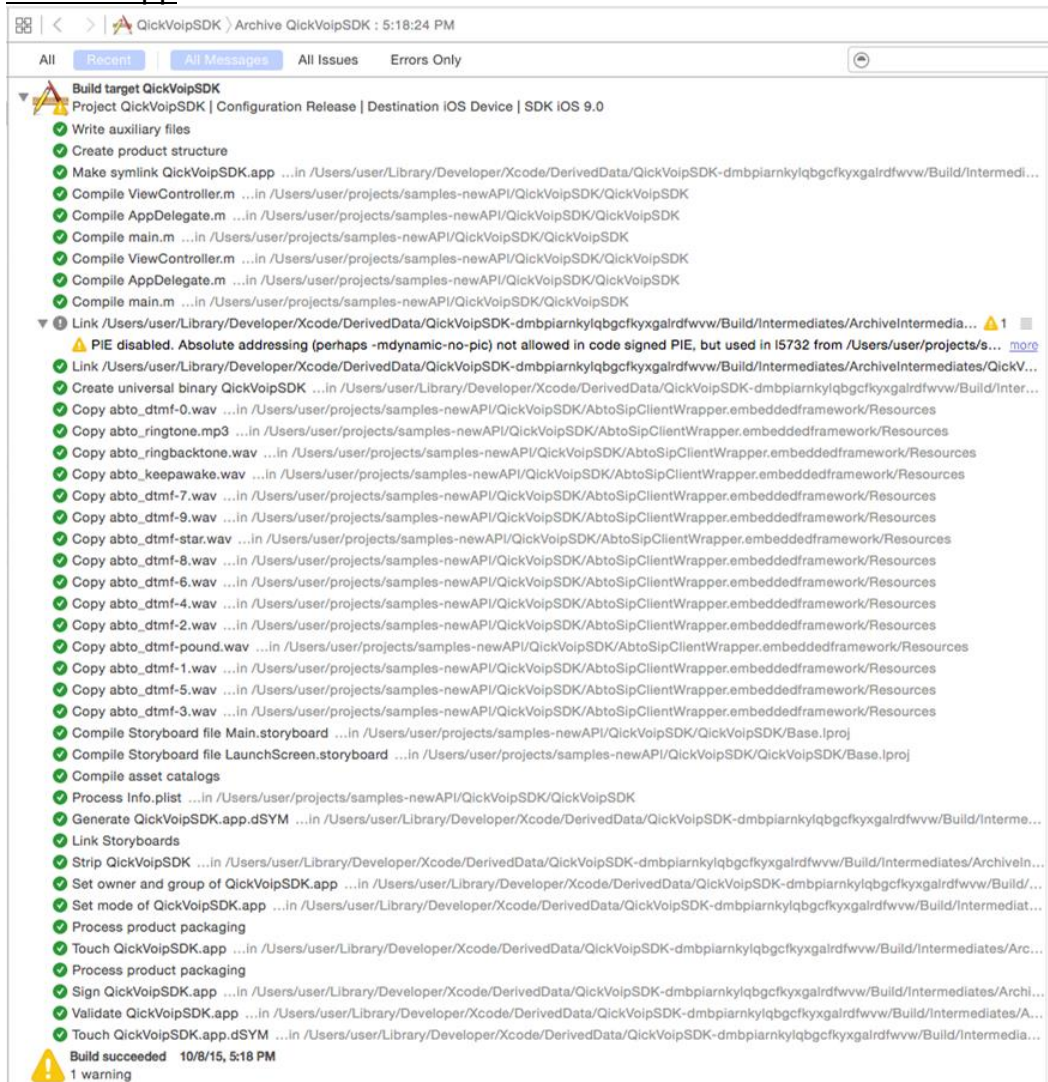
Use this directive in each *.h (m) files where SDK classes are using.

```
#import <AbtoSipClientWrapper/AbtoSipPhoneObserver.h>
```



```
1 //
2 // AppDelegate.h
3 // QickVoipSDK
4 //
5 // Created by Abto Software on 10/8/15.
6 // Copyright © 2015 Abto Software. All rights reserved.
7 //
8
9 #import <UIKit/UIKit.h>
10 #import <AbtoSipClientWrapper/AbtoSipPhoneObserver.h>
11
12 @interface AppDelegate : UIResponder <UIApplicationDelegate, AbtoPhoneInterfaceObserver>
13
14 @property (strong, nonatomic) UIWindow *window;
15 @property (retain, readonly) AbtoPhoneInterface *phone;
16
17 @end
```

6. Build app



Build target QickVoipSDK
Project QickVoipSDK | Configuration Release | Destination iOS Device | SDK iOS 9.0

- Write auxiliary files
- Create product structure
- Make symlink QickVoipSDK.app ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermedi...
- Compile ViewController.m ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Compile AppDelegate.m ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Compile main.m ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Compile ViewController.m ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Compile AppDelegate.m ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Compile main.m ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Link /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediates/ArchiveIntermedia... ⚠ 1
- PIE disabled. Absolute addressing (perhaps -dynamic-no-pic) not allowed in code signed PIE, but used in i5732 from /Users/user/projects/s... more
- Link /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediates/ArchiveIntermediates/QickV...
- Create universal binary QickVoipSDK ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Inter...
- Copy abto_0.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_ringtone.mp3 ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_ringbacktone.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_keeppawake.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-7.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-9.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-star.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-8.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-6.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-4.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-2.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-pound.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-1.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-5.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Copy abto_dtmf-3.wav ...in /Users/user/projects/samples-newAPI/QickVoipSDK/AbtoSipClientWrapper.embeddedframework/Resources
- Compile Storyboard file Main.storyboard ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK/Base.lproj
- Compile Storyboard file LaunchScreen.storyboard ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK/Base.lproj
- Compile asset catalogs
- Process Info.plist ...in /Users/user/projects/samples-newAPI/QickVoipSDK/QickVoipSDK
- Generate QickVoipSDK.app.dSYM ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Interme...
- Link Storyboards
- Strip QickVoipSDK ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediates/ArchiveIn...
- Set owner and group of QickVoipSDK.app ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/...
- Set mode of QickVoipSDK.app ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediat...
- Process product packaging
- Touch QickVoipSDK.app ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediates/Arc...
- Process product packaging
- Sign QickVoipSDK.app ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediates/Arch...
- Validate QickVoipSDK.app ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermediates/A...
- Touch QickVoipSDK.app.dSYM ...in /Users/user/Library/Developer/Xcode/DerivedData/QickVoipSDK-dmbpiarnkylqbgcfkxgairdfwww/Build/Intermedia...

Build succeeded 10/8/15, 5:18 PM
1 warning