

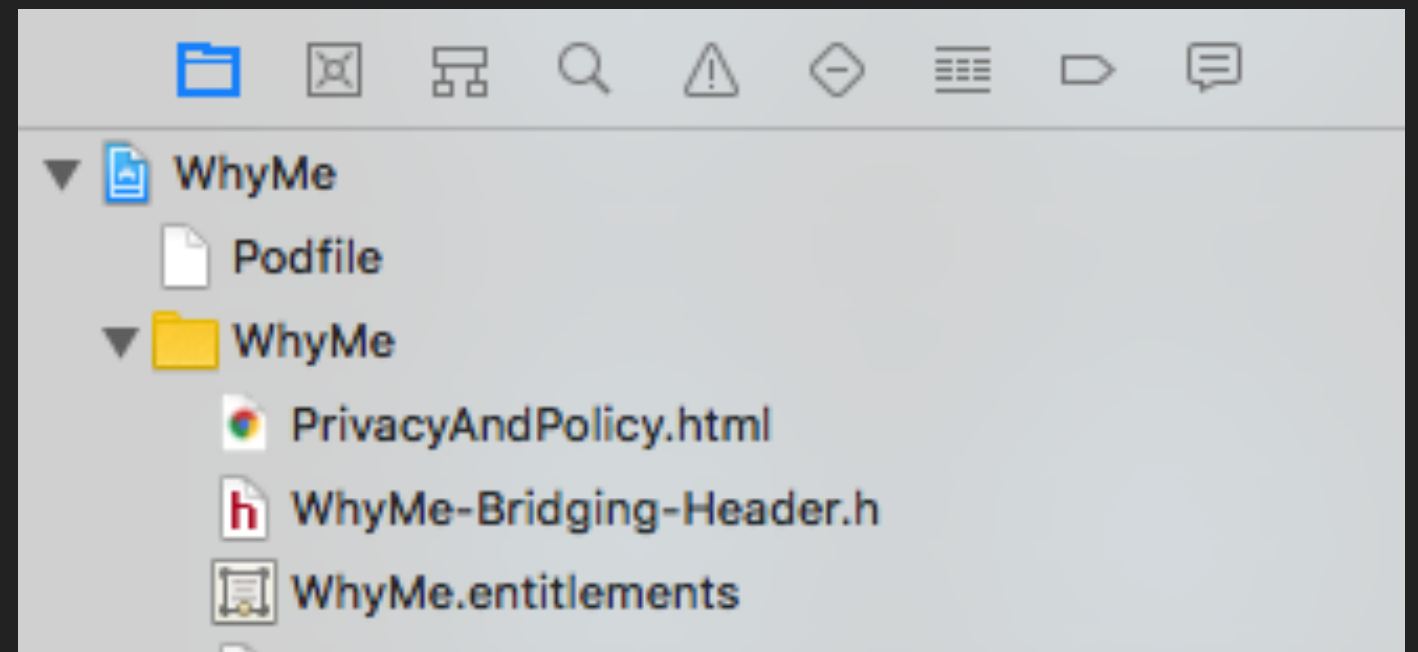
XCODE

XCODE

- ▶ C, C++, Objective-C, Swift
- ▶ support gcc, llvm compiler
- ▶ support iOS Emulator
- ▶ support git, subversion

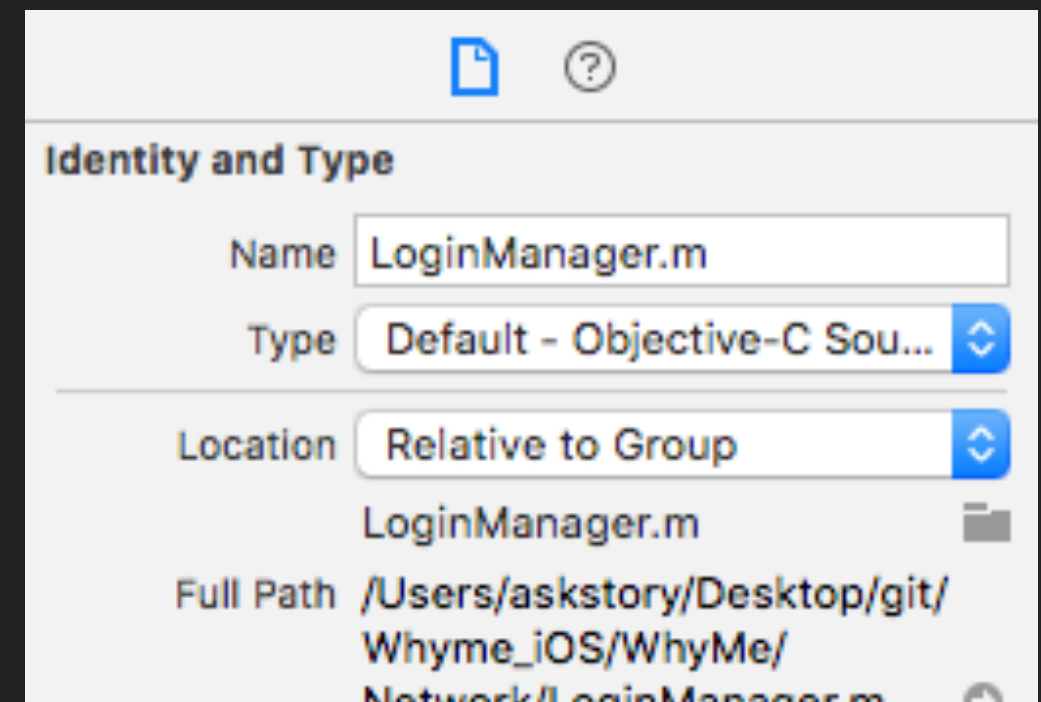
NAVIGATOR

- ▶ Project (1)
- ▶ Source Control (2)
- ▶ Symbol (3)
- ▶ Issue (4)
- ▶ Test (5)
- ▶ Debug (6)
- ▶ Break Point (7)
- ▶ Report (8)



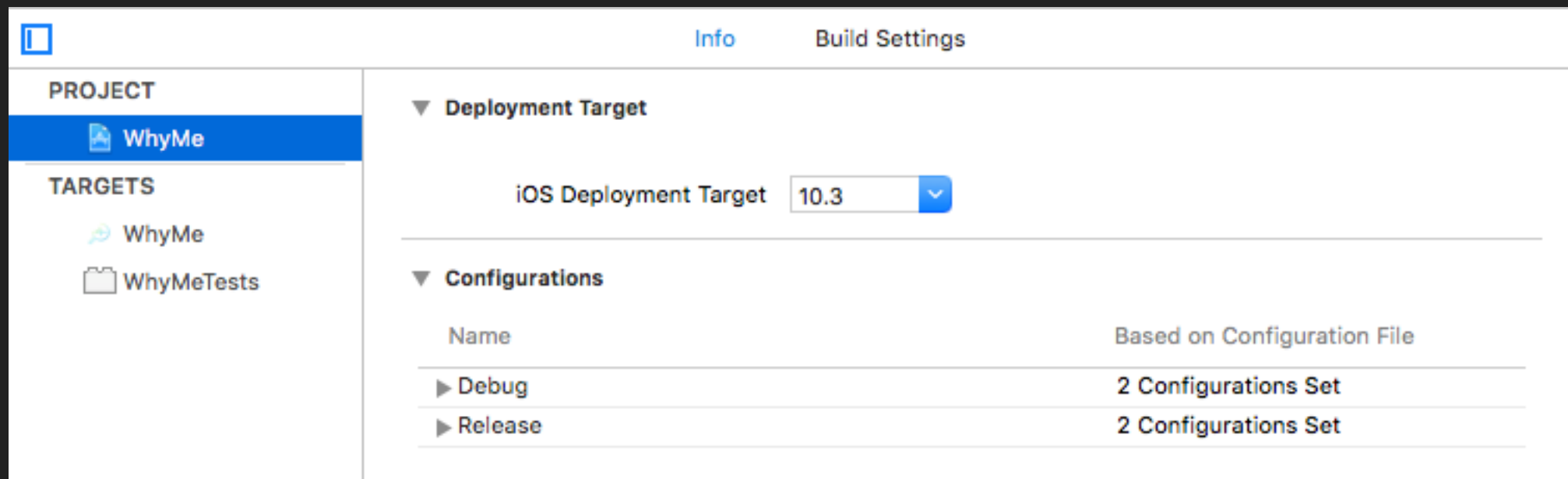
UTILITES

- ▶ File Inspector
- ▶ Quick Help



.XCODEPROJ

- ▶ Project Define File
- ▶ Project / Target



GENERAL

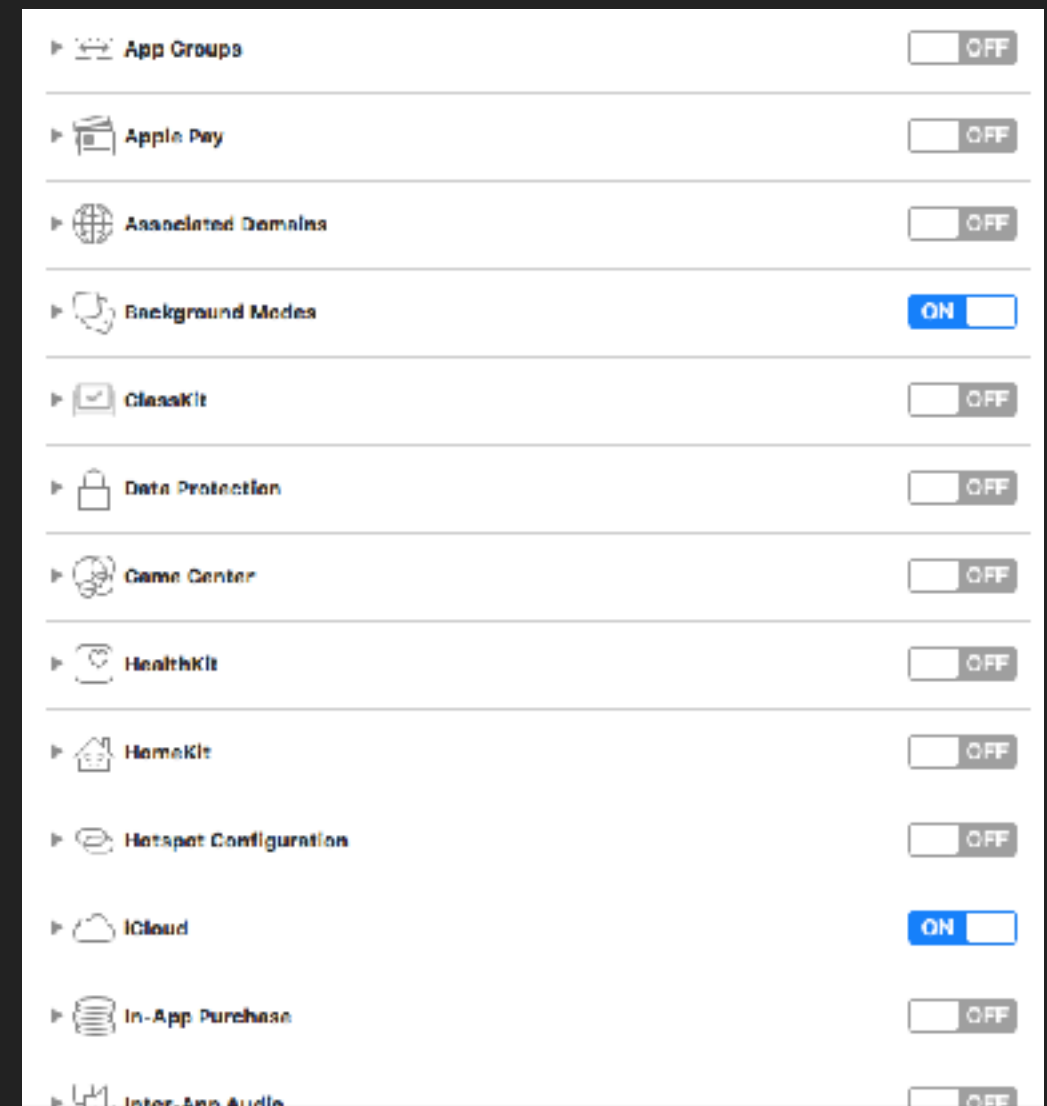
- ▶ Identify
- ▶ Signing
- ▶ Deployment Target
- ▶ App icons and Launch Image
- ▶ Embedded Binaries
- ▶ Linked Libraries

The screenshot shows the 'General' tab in Xcode, divided into several sections:

- Identity:** A table with fields: Display Name (Medlin), Bundle Identifier (com.Aaskstory.Medlin), Version (10.0), and Build (7).
- Signing:** Includes a checked checkbox for 'Automatically manage signing' (with a note: 'Xcode will create and update profiles, app IDs, and certificates.'), a Team dropdown (Askstory), a Provisioning Profile (Xcode Managed Profile), and a Signing Certificate (iPhone Developer: SANGWON LEE (K5F678D07W)).
- Deployment Info:** Includes a Deployment Target dropdown (10.0), a Devices dropdown (iPhone), a Main Interface dropdown (Root), Device Orientation options (Portrait is checked, with options for Upside Down, Landscape Left, and Landscape Right), and a Status Bar Style dropdown (Default) with checkboxes for 'Hide status bar' and 'Requires full screen'.
- App Icons and Launch Images:** Includes an App Icons Source dropdown (AppIcon), a Launch Images Source dropdown (Use Asset Catalog...), and a Launch Screen File dropdown (LaunchScreen).
- Embedded Binaries:** A section header with a right-pointing arrow.
- Linked Frameworks and Libraries:** A section header with a right-pointing arrow.

CAPABILITIES

- ▶ iOS Application's Specialties
- ▶ will be linked with iTunesConnect
- ▶ need to Code Signing



INFO

- ▶ Target Properties
- ▶ Document Types
- ▶ Exported UTIs
- ▶ Imported UTIs
- ▶ URL Types

▶ Custom iOS Target Properties

▶ Document Types (0)

▶ Exported UTIs (0)

▶ Imported UTIs (0)

▶ URL Types (1)

OBJECTIVE - C

BASIC

- ▶ Objective-C is wrapped by C
- ▶ Communication Protocol
- ▶ Messaging / Call
- ▶ Rooted by NSObject

CLASS

- ▶ @interface className : superClass <DelegateName>
@end
- ▶ @implementation className
@end

GRAMMER

- ▶ Function Call : `returnValue = [Object function];`
`returnValue = [Object function:arg];`
- ▶ Get New Obj : `newObj = [[Object alloc] init];`
`newObj = [Object alloc];`
`[newObj init];`
- ▶ Get Property : `value = Obj.property;`
`value = [Obj property];`
- ▶ Set Property : `Obj.property = value;`
`[Obj setProperty:value] ;`

FUNCTIONS

▶ Function Define

```
-(void)someFunction;  
-(void)someFunction {  
    ... do something ...  
}
```

▶ Function Define with Arguments

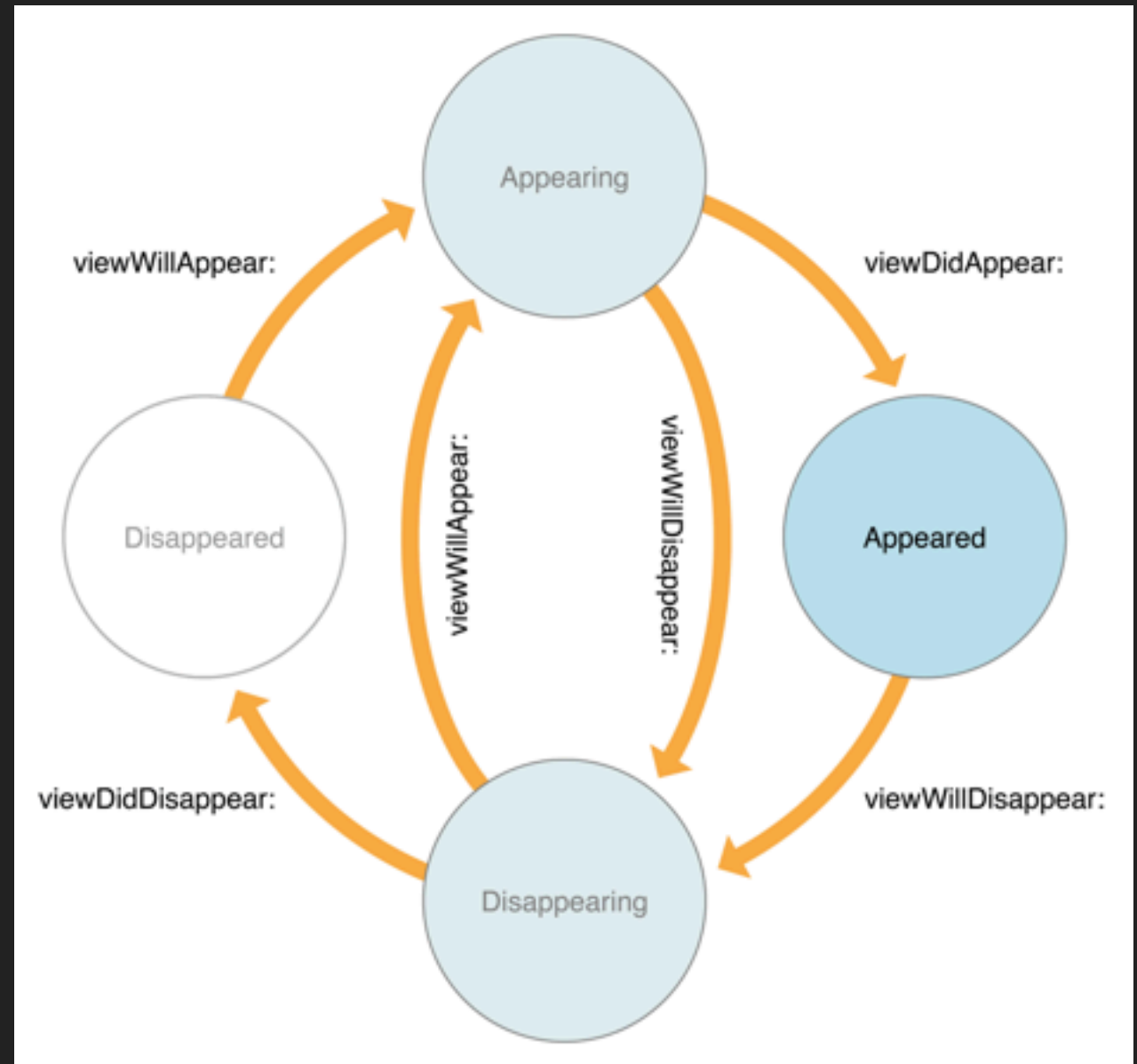
```
-(void)someFunctionWithArg1:(int)arg1 withArg2:(int)arg2  
-(void)functionWithArg1:(int)arg1 withArg2:(int)arg2 {  
    ... do something ...  
}
```

NEW PROJECT

- ▶ Moving to Sample01 Project

VIEW CONTROLLER

► Life Cycle : 4 Status



ACCESS LIFE CYCLE

- ▶ Responding View Events (can be override)

- (void)viewWillAppear:(bool)animated;

- (void)viewDidAppear:(bool)animated;

- (void)viewWillDisappear:(bool)animated;

- (void)viewDidDisappear:(bool)animated;

- ▶ Have to call [super function] first.

HAVE TO SEE REFERENCES

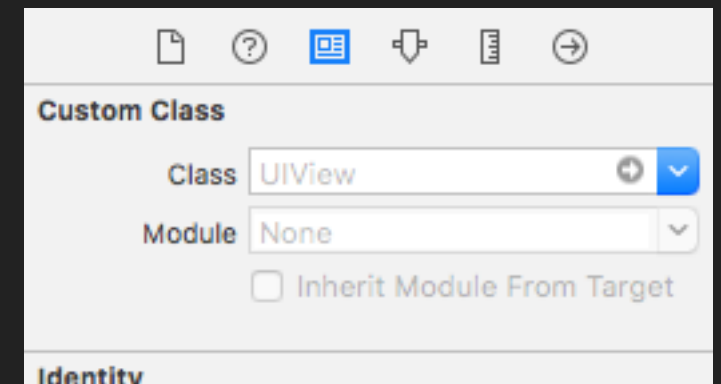
CMD+SHIFT+0

CMD+SHIFT+0

XCODE STORYBOARD INSPECTOR

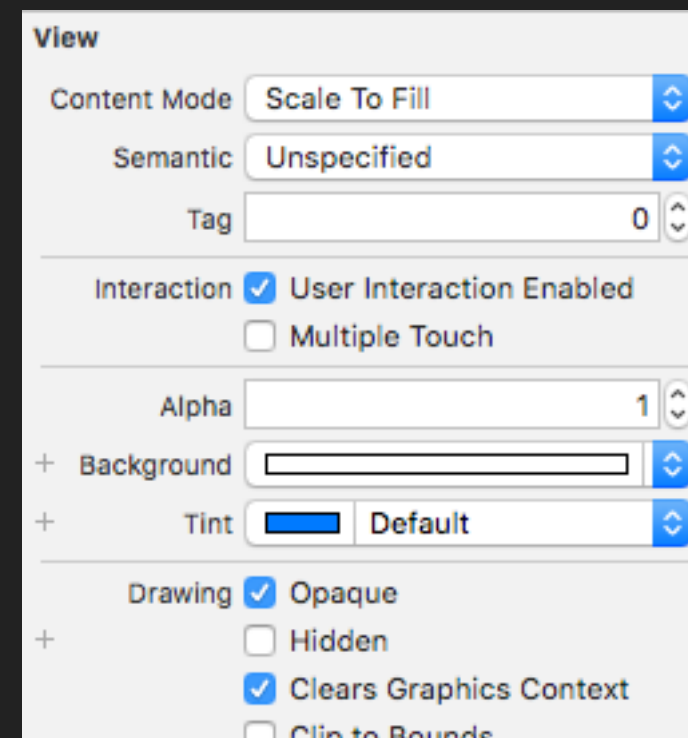
► Identity Inspector

- Class / Module
- Restoration ID
- Key-Value Setter(runtime attribute)
- Document attribute
- Accessibility



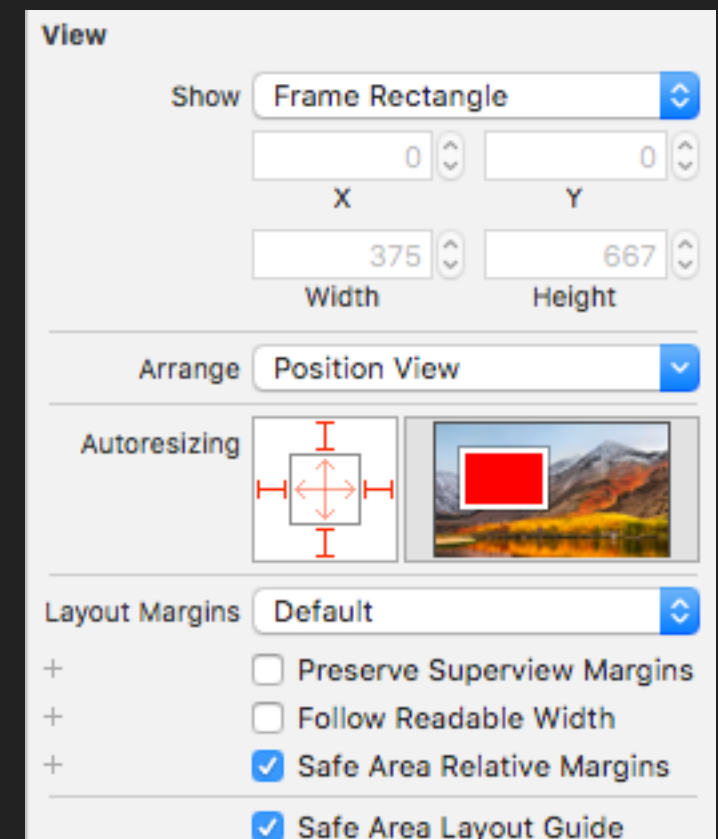
ATTRIBUTE INSPECTOR

- ▶ Class Attribute
- ▶ Properties









SIZE INSPECTOR

- ▶ View Position
- ▶ Size
- ▶ Auto Layout



CONNECTION INSPECTOR

- ▶ Segment
- ▶ Outlets
- ▶ Actions

     	
Outlet Collections	Hide
gestureRecognizers	<input type="radio"/>
Referencing Outlets	
New Referencing Outlet	<input type="radio"/>
Referencing Outlet Collections	
New Referencing Outlet Collection	<input type="radio"/>