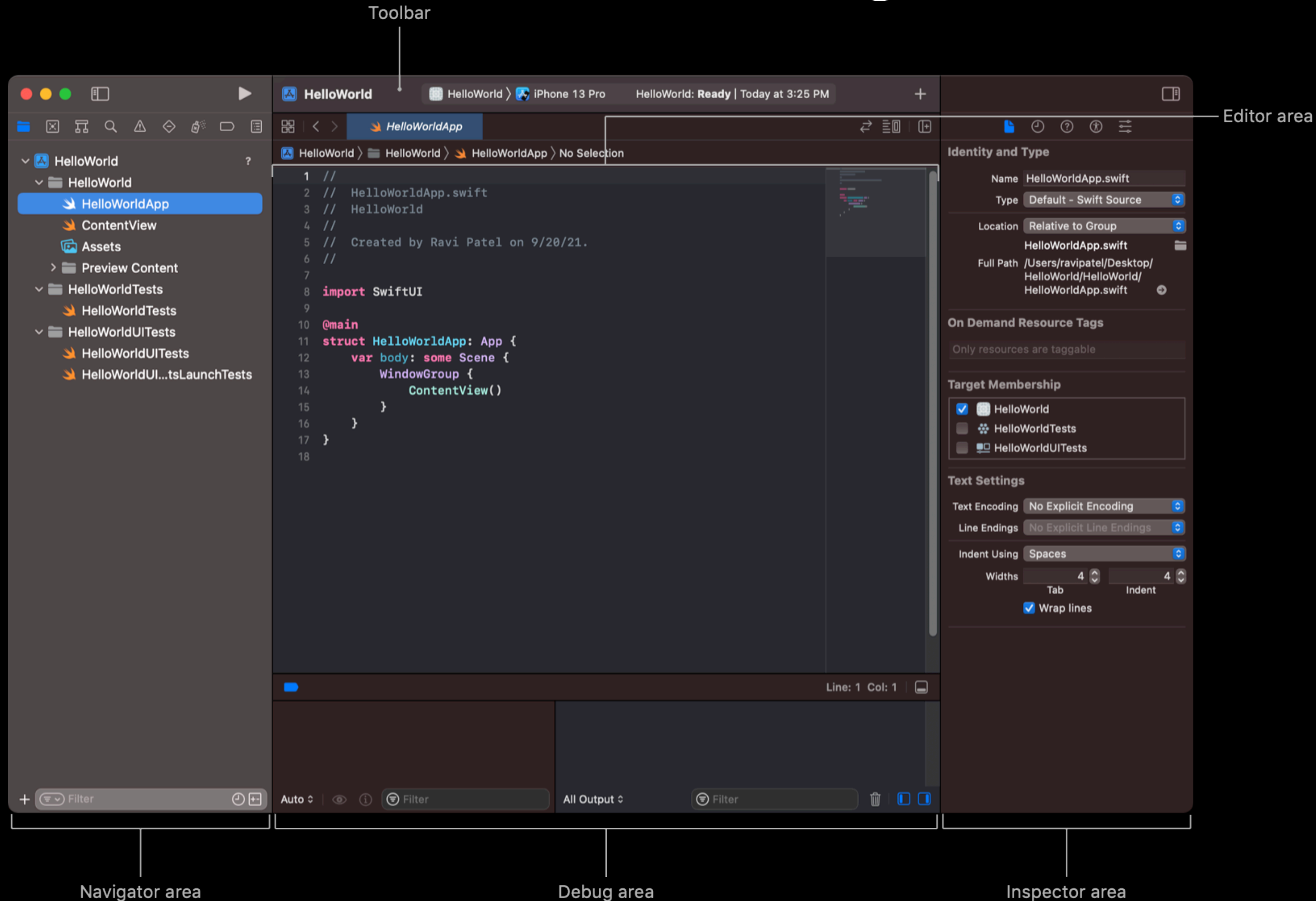


Introduction to UIKit Project in Xcode

Things You Need to Know

- We use *Xcode* as Integrated Development Environment to develop Apple platform apps
- Since 1990s most developers used **Objective-C** as language to develop apps
- Then... at 2014, Apple release **Swift** as language and replace to Objective-C to develop apps

Xcode Interface along with UIKit Project

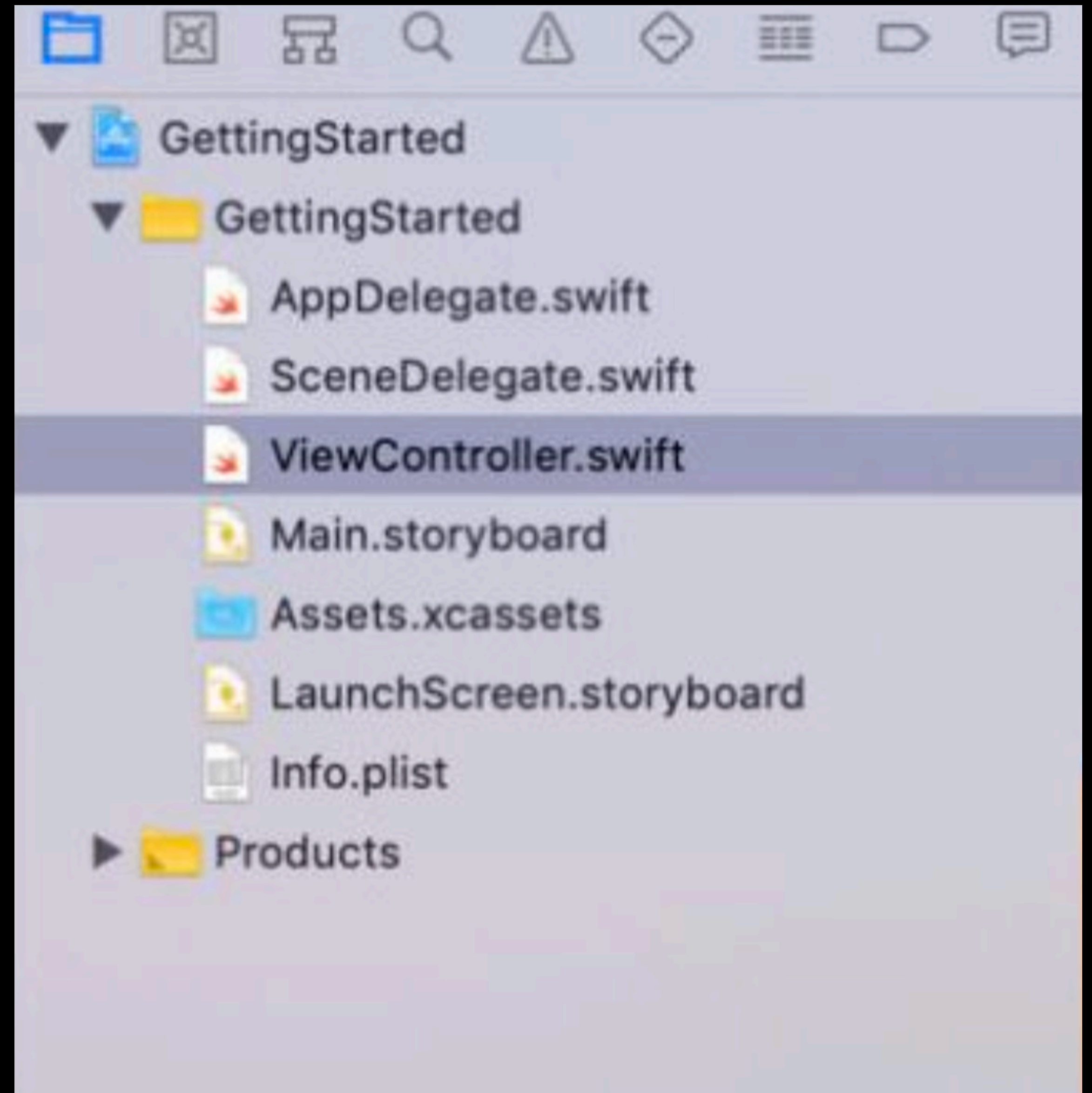


iCodeWave Community

Xcode + UIKit

The file types

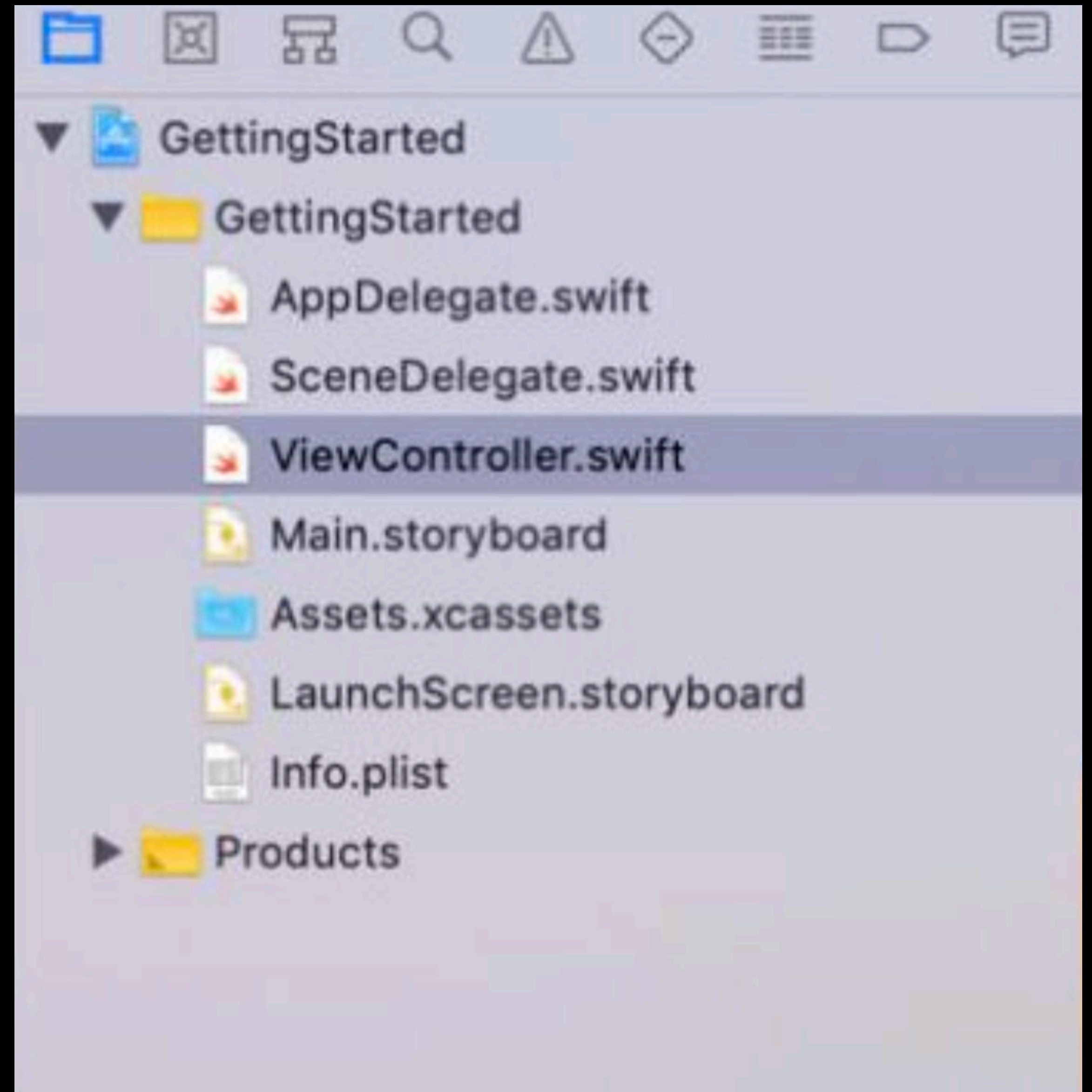
- **.xcodeproj** is the project settings of an app
- **.storyboard** & **.xib** is to design part of app using Interface Builder
- **.swift** contains your code



Xcode + UIKit

The file types

- **.plist** contains list of properties and settings of app
- **.xcassets** contains your assets such as images and color sets

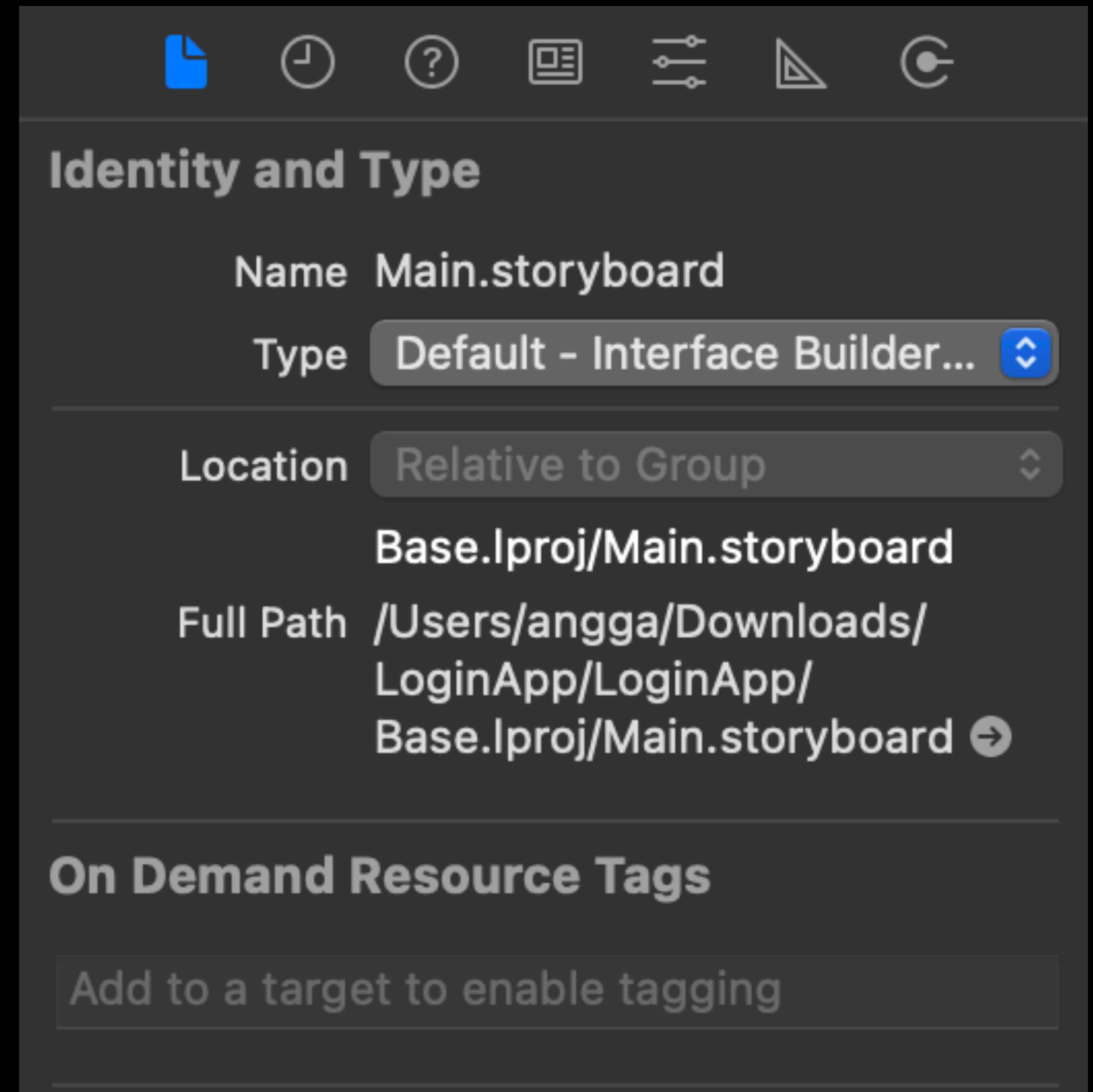


Xcode + UIKit

Identity inspector page

- To locate project file's location and relation to the project
- To set minimum target deployment for current file
- To set a localization language for current file
- To set current file settings such as spacing, indent size, etc

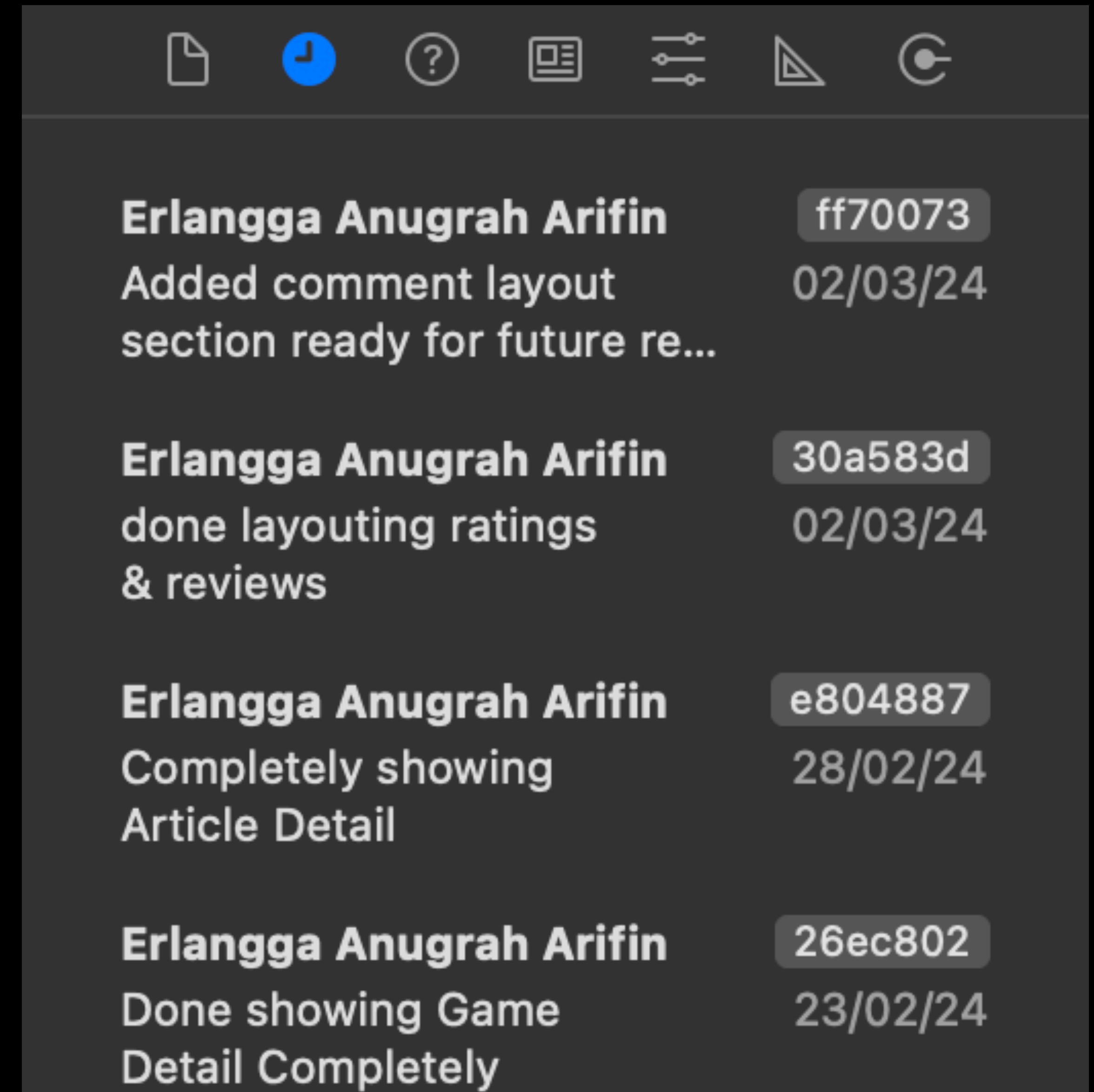
iCodeWave Community



Xcode + UIKit

History inspector page

- To track history about changes inside current file
- Another way to check Git history without needed 3rd party app

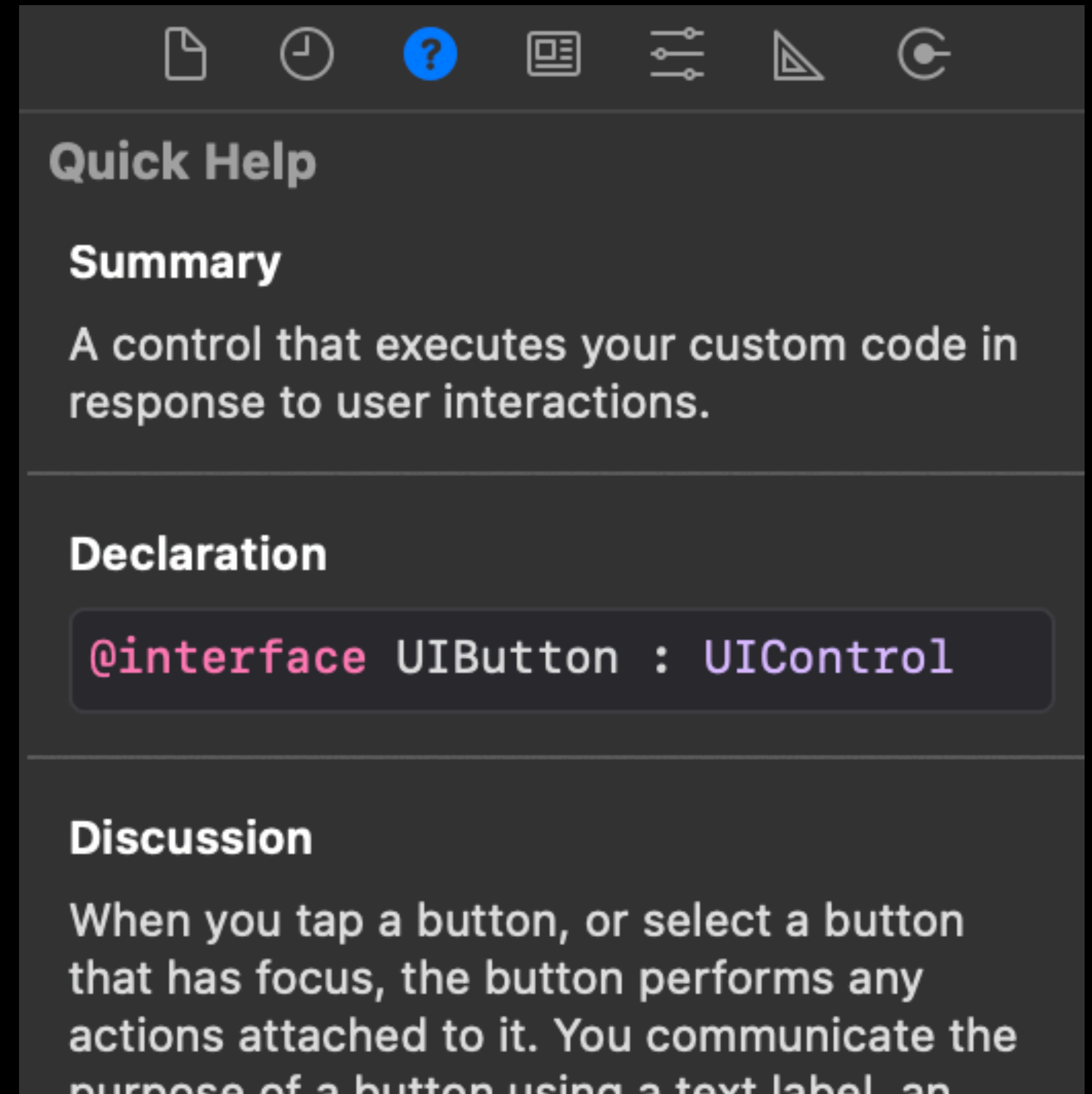


Xcode + UIKit

Help inspector page

- If you confuse about current file meaning this may help
- To help inform what's the meaning of selected lines of code
- To help developer how to use the code

iCodeWave Community

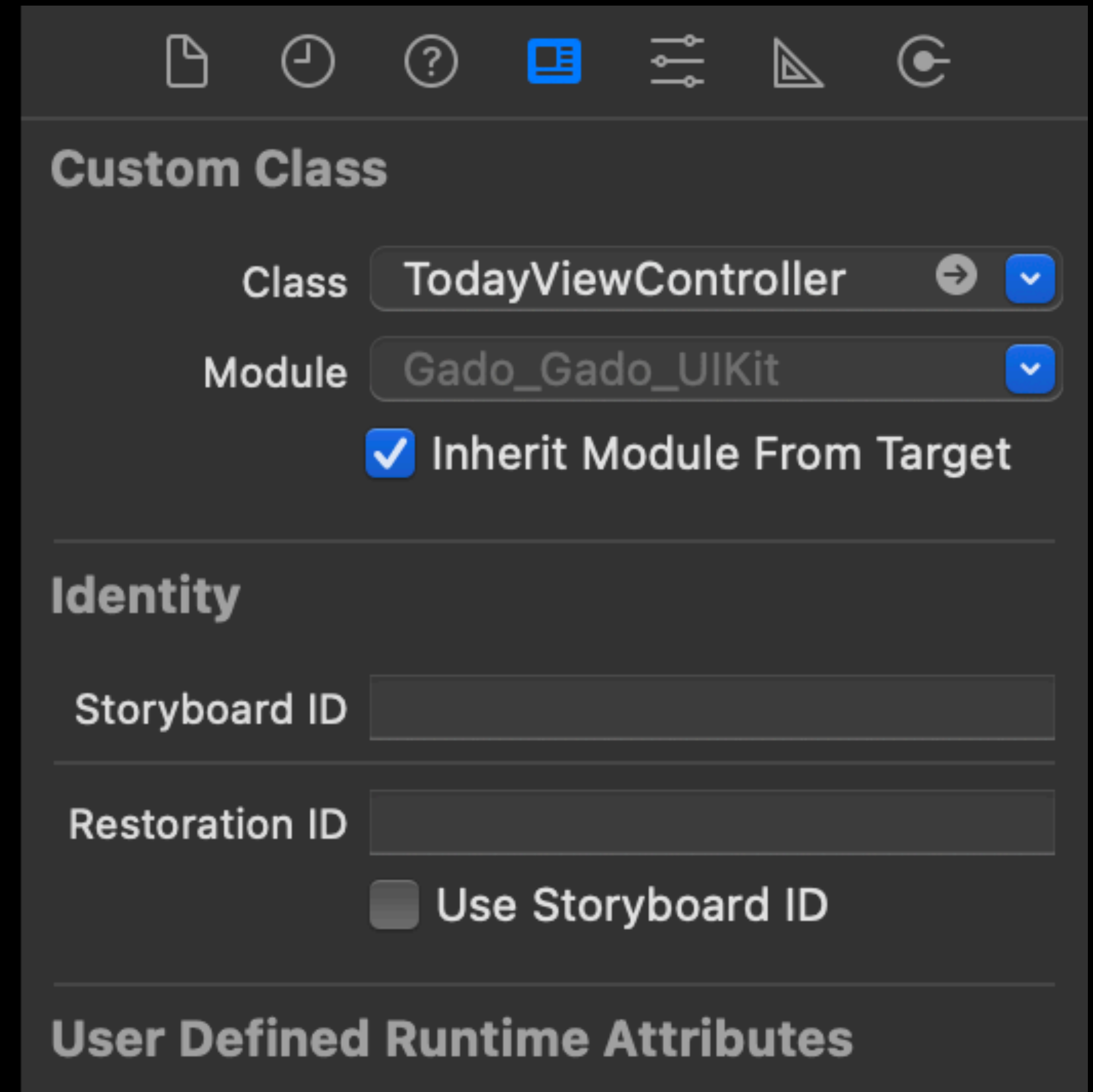


Xcode + UIKit

Identity inspector page

- Help developer to modify properties of UI elements
- Connects UIViewController's code to current class file that inherit UIViewController classes
- Specify some codes when on runtime
- Give current Storyboard ID custom string identity
- Specify properties for accessibility use

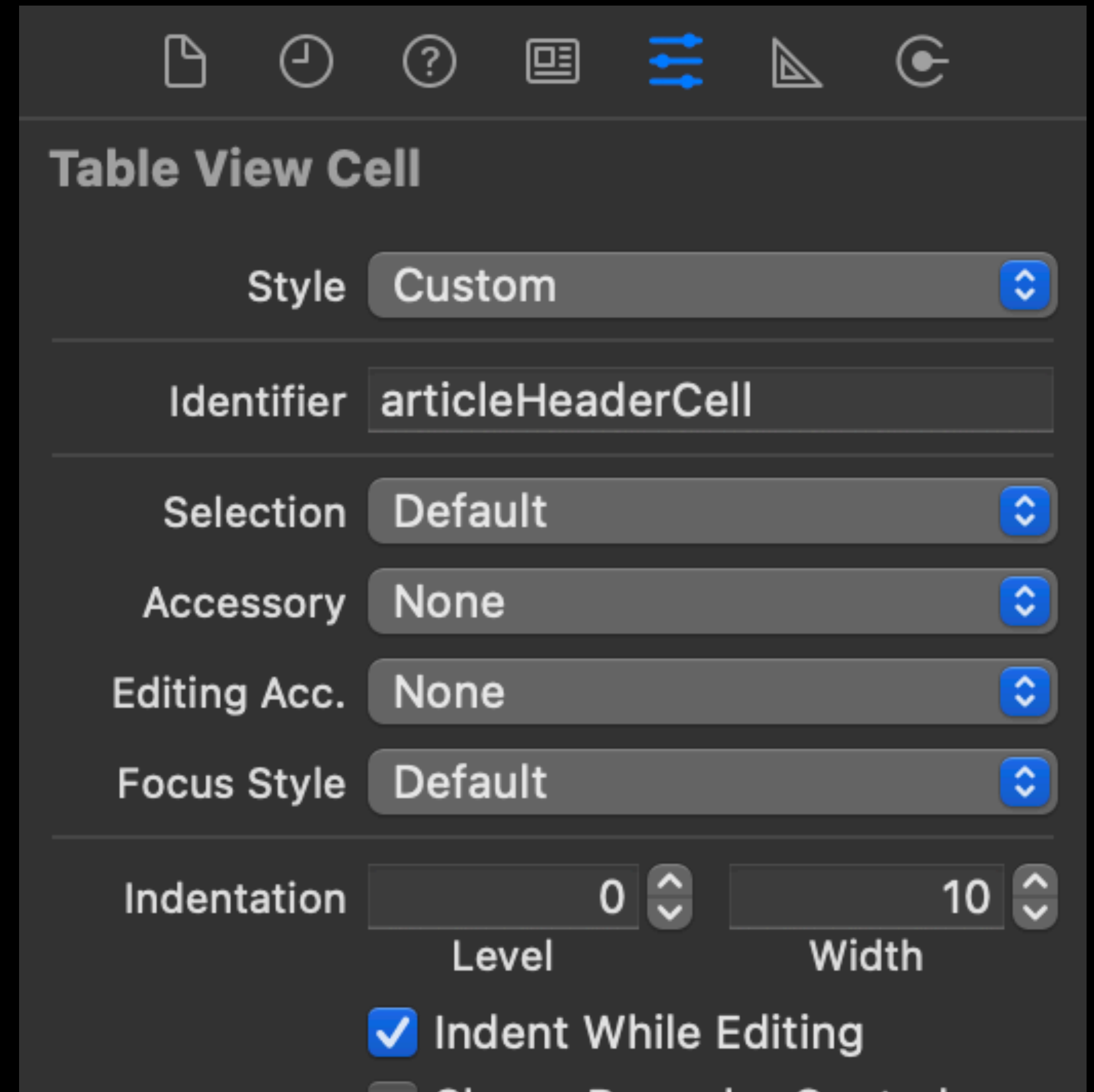
iCodeWave Community



Xcode + UIKit

Attribute inspector page

- Modify selected UI Object properties
- Used to modify UIViewController default behaviour such as Navigation Bar, Tab Bar, etc
- Give string identifier to some UI Component Objects

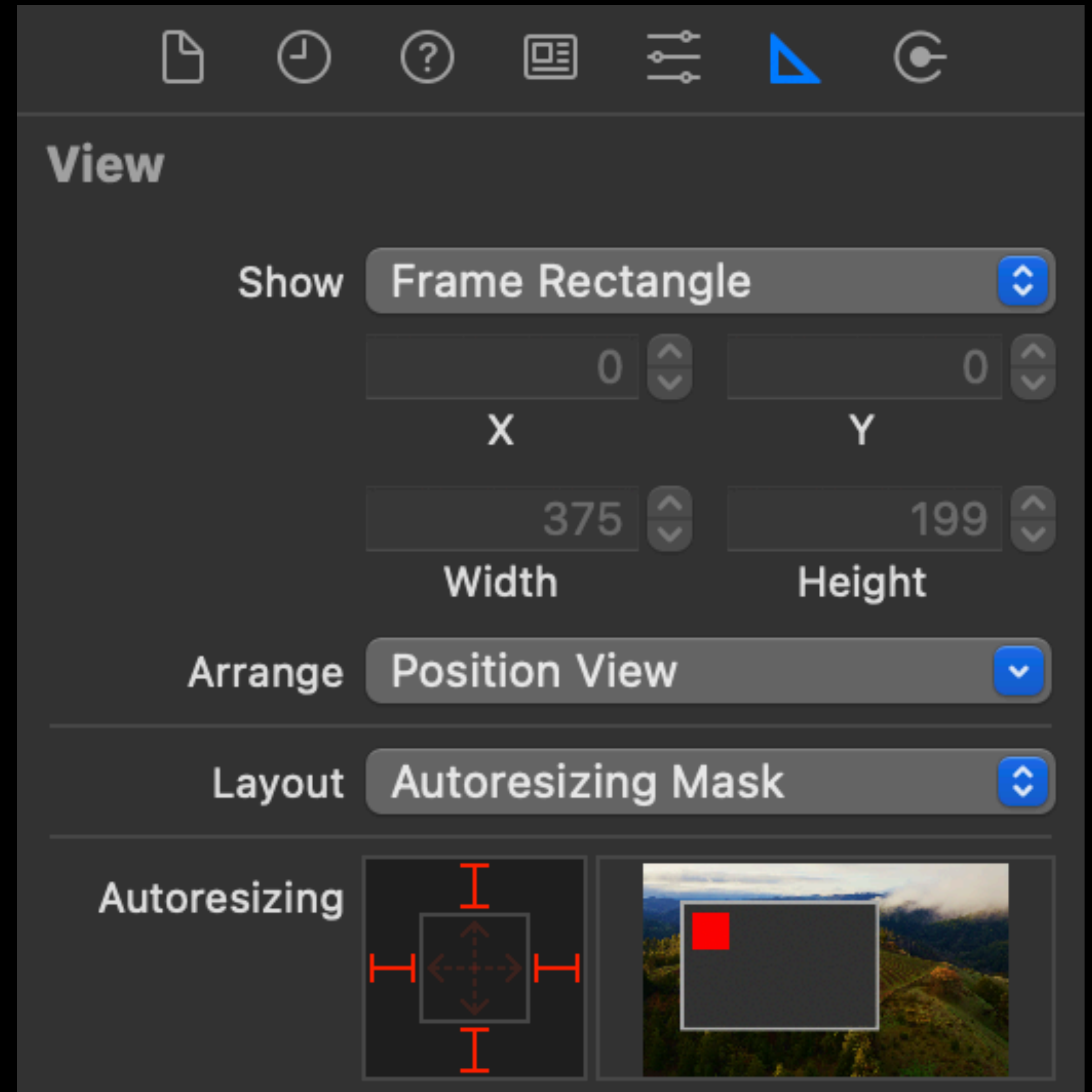


Xcode + UIKit

Size inspector page

- All about UI Component Objects
- Set constraint layouts
- Set layout margin
- Set auto resizing
- Set hugging priority
- Set compression priority
- etc

iCodeWave Community

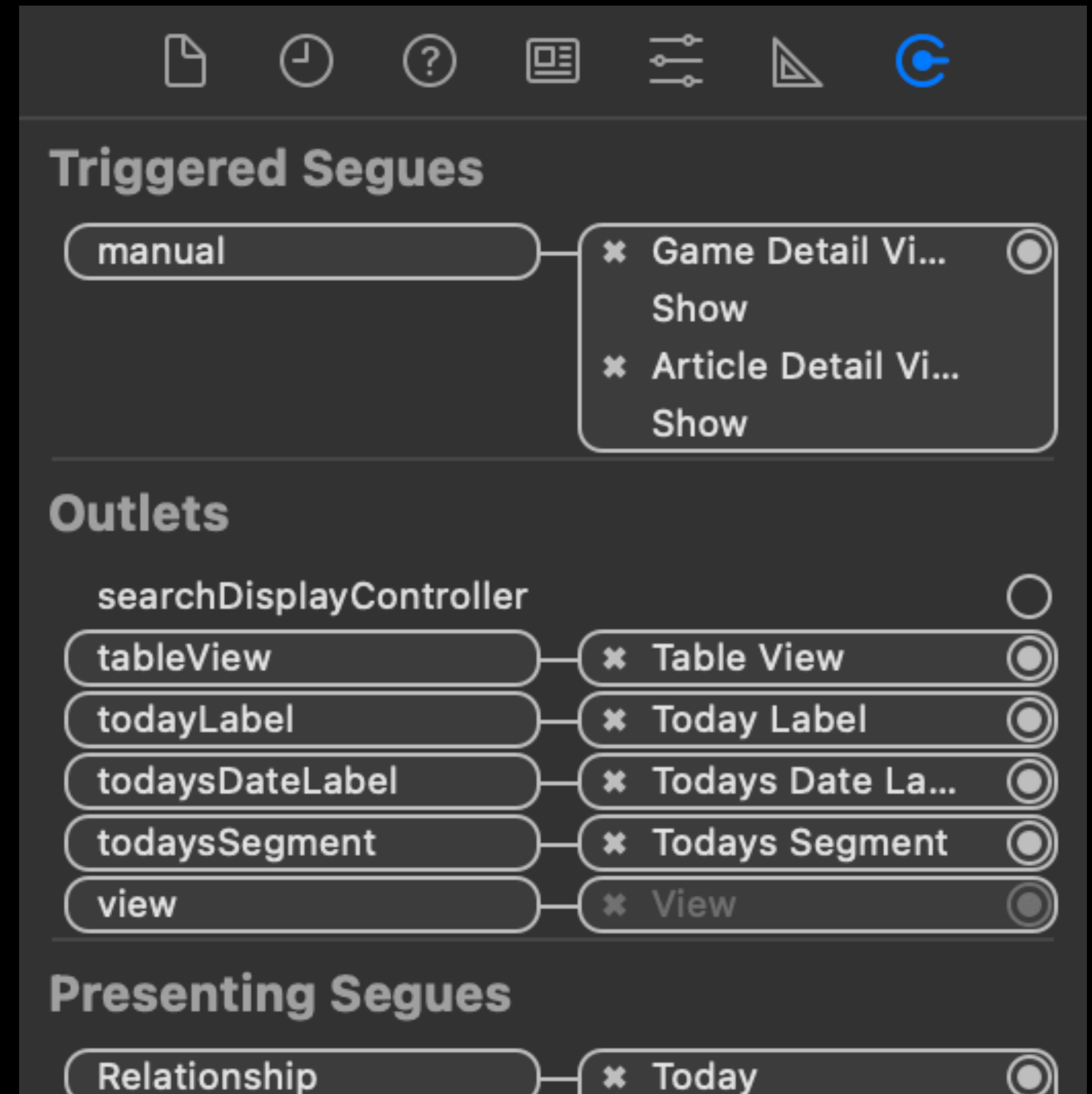


Xcode + UIKit

Connections inspector page

- Identify current UIViewController's UI Component Object outlets
- Manage which Objects are connected to UIViewController's outlet
- Handle events in an UI Component Object
- Handle segues in a UIViewController

iCodeWave Community



Thanks For Your Attendance Today!

iCodeWave Community