

Intermediate Swift

Part 6: Access Control

Access Levels

⚙️ **Public**

- ⚙️ Allows entities to be accessed by other sources.

⚙️ **Internal**

- ⚙️ Allows entities to be only accessed by sources in their own module.

⚙️ **Private**

- ⚙️ Restricted access to all by the entity defined in the source control.

Modules

- ⚙ Modules is how Swift manages namespaces.
- ⚙ Each build target (such as an app bundle or framework) in Xcode is treated as a module in Swift.
- ⚙ To access modules, you must import them.

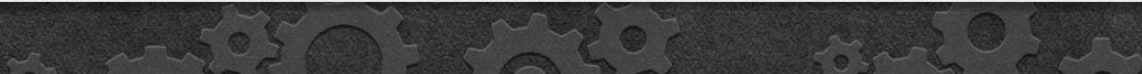


Access Levels

- ⚙️ A subclass cannot have higher access than the parent class.
- ⚙️ An override can make the class member more accessible than the parent.



Demo



Challenge

```
var challengeVector = Vector3(x:10, y:10, z:10)  
var spriteKitVector = SKUtils.Vector3(x:10,y:10,z:10)
```

