

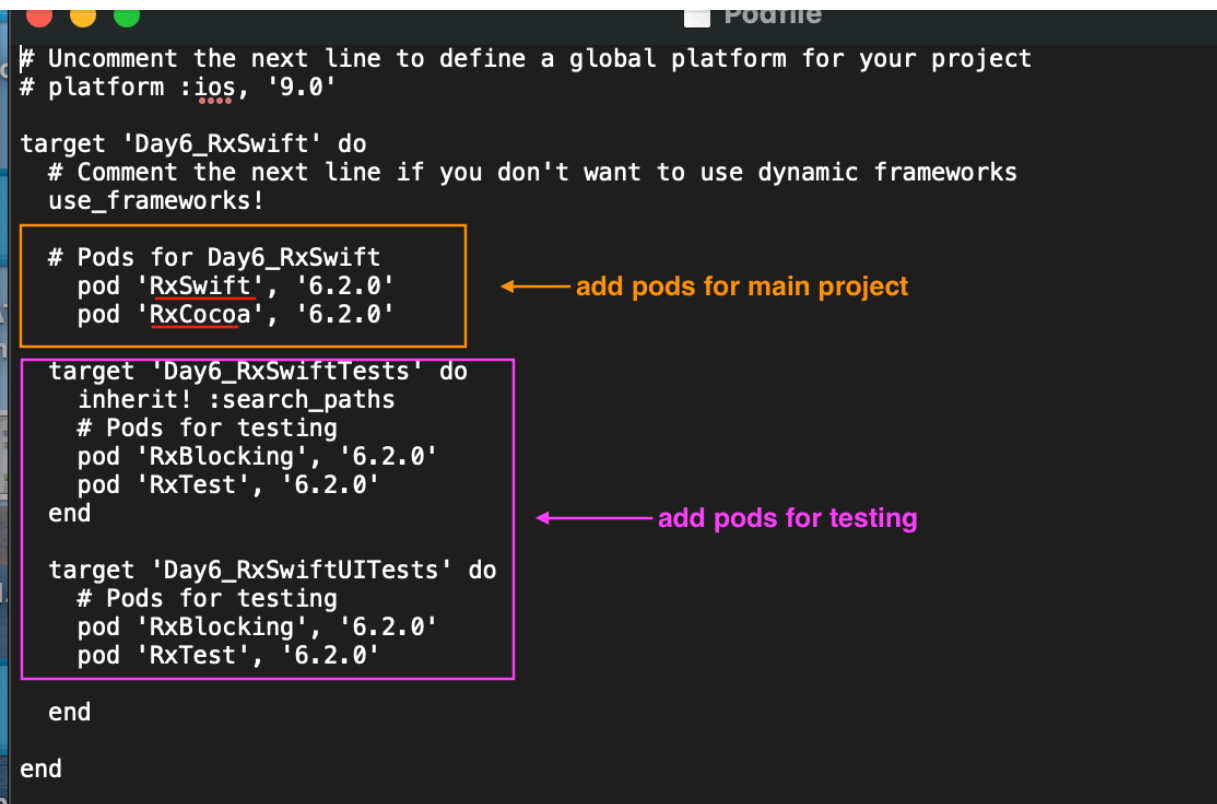
RXSwift Installation & Intro

- Swift-specific implementation of the **Reactive Extensions** standard
- expressed through Observable<Element> interface, which lets you broadcast and subscribe to values and other events from an Observable stream.

✓ Installation:

Ref link : <https://github.com/ReactiveX/RxSwift#cocoapods>

- Step 1: In Terminal : cd <ToProjectDirectory and execute :
 - o **pod init**
- Step 3: Open Podfile in project directory
- Step 4: Add pod for RxSwift & RxCocoa & save file



```
# Uncomment the next line to define a global platform for your project
# platform :ios, '9.0'

target 'Day6_RxSwift' do
  # Comment the next line if you don't want to use dynamic frameworks
  use_frameworks!

  # Pods for Day6_RxSwift
  pod 'RxSwift', '6.2.0'
  pod 'RxCocoa', '6.2.0'

  target 'Day6_RxSwiftTests' do
    inherit! :search_paths
    # Pods for testing
    pod 'RxBlocking', '6.2.0'
    pod 'RxTest', '6.2.0'
  end

  target 'Day6_RxSwiftUITests' do
    # Pods for testing
    pod 'RxBlocking', '6.2.0'
    pod 'RxTest', '6.2.0'
  end
end

end
```

Annotations in the image:

- An orange box highlights the lines: `# Pods for Day6_RxSwift`, `pod 'RxSwift', '6.2.0'`, and `pod 'RxCocoa', '6.2.0'`. An orange arrow points to this box with the text "add pods for main project".
- A purple box highlights the lines: `target 'Day6_RxSwiftTests' do`, `inherit! :search_paths`, `# Pods for testing`, `pod 'RxBlocking', '6.2.0'`, `pod 'RxTest', '6.2.0'`, and `end`. A purple arrow points to this box with the text "add pods for testing".

- Step 4: In Terminal, (make sure you're in Project Directory), to installing pods, execute:
 - o **pod install**
- After finishing the installation, you can open
 - ✓ ***projectName.xcworkspace*** to work on your project

✔ Reference links:

- Brief intro subject and observable :

<https://navdeepsinghh.medium.com/rxswift-foundation-part-2-observables-and-subjects-b143f983e757>