

Swift Pills #1

Encapsulating [weak self]

Encapsulating [weak self]

```
handler = { [weak self] argument in  
    guard let self = self else { return }  
  
    // use `self`  
}
```

Encapsulating [weak self]

```
handler = { [weak self] argument in  
    guard let self = self else { return }  
  
    // use `self`  
}
```



Encapsulating [weak self]

```
protocol Weakifiable: class { }
```

Encapsulating [weak self]

```
protocol Weakifiable: class { }  
extension NSObject: Weakifiable { }
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```


Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```


Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
  
    func weakify<T>(_ code: @escaping (T, Self) -> Void) -> (T) -> Void {  
        return { [weak self] arg in  
            guard let self = self else { return }  
  
            code(arg, self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
  
    func weakify<T>(_ code: @escaping (T, Self) -> Void) -> (T) -> Void {  
        return { [weak self] arg in  
            guard let self = self else { return }  
  
            code(arg, self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
  
    func weakify<T>(_ code: @escaping (T, Self) -> Void) -> (T) -> Void {  
        return { [weak self] arg in  
            guard let self = self else { return }  
  
            code(arg, self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
extension Weakifiable {  
    func weakify(_ code: @escaping (Self) -> Void) -> () -> Void {  
        return { [weak self] in  
            guard let self = self else { return }  
  
            code(self)  
        }  
    }  
  
    func weakify<T>(_ code: @escaping (T, Self) -> Void) -> (T) -> Void {  
        return { [weak self] arg in  
            guard let self = self else { return }  
  
            code(arg, self)  
        }  
    }  
}
```

Encapsulating [weak self]

```
handler = { [weak self] argument in  
    guard let self = self else { return }  
  
    // use `self`  
}
```

Encapsulating [weak self]

```
handler = weakify { strongSelf, argument in  
    // use `strongSelf` 🎉  
}
```


