

[Observation](#) / Observable()

Macro

Observable()

Defines and implements conformance of the Observable protocol.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst 17.0+ | macOS 14.0+ | tvOS 17.0+ | visionOS 1.0+ | watchOS 10.0+

`@attached(member, names: named(_$observationRegistrar), named(access), named(withMut`

Mentioned in

 Applying Macros

Overview

This macro adds observation support to a custom type and conforms the type to the [Observable](#) protocol. For example, the following code applies the Observable macro to the type Car making it observable:

```
@Observable
class Car {
    var name: String = ""
    var needsRepairs: Bool = false

    init(name: String, needsRepairs: Bool = false) {
        self.name = name
        self.needsRepairs = needsRepairs
    }
}
```

See Also

Observable conformance

`protocol Observable`

A type that emits notifications to observers when underlying data changes.