

NSObject

<NSApplicationDelegate>

AppDelegate

```
classDiagram
    class NSObject
    class AppDelegate
    class NSApplicationDelegate["<NSApplicationDelegate>"]
    NSObject <|-- AppDelegate
    AppDelegate ..|> NSApplicationDelegate
```

The diagram illustrates the class hierarchy and protocol conformance for AppDelegate. At the top, two boxes represent the superclass NSObject and the protocol <NSApplicationDelegate>. Below them is the AppDelegate class box. A horizontal line with upward-pointing arrows at both ends connects the NSObject and <NSApplicationDelegate> boxes, indicating inheritance and protocol conformance. A vertical line descends from the center of this horizontal line to the AppDelegate box, signifying that AppDelegate inherits from NSObject and conforms to the NSApplicationDelegate protocol.