

NSObject

<NSApplicationDelegate>

AppDelegate

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

The diagram illustrates the class hierarchy for an application delegate. At the top, two boxes represent the superclasses: 'NSObject' on the left and '<NSApplicationDelegate>' on the right. Below these, a central box represents the subclass 'AppDelegate'. A horizontal line connects the bottom of the 'NSObject' and '<NSApplicationDelegate>' boxes. From the center of this line, a vertical line descends to the top of the 'AppDelegate' box. From this junction, two arrows point upwards: one to the bottom of the 'NSObject' box and another to the bottom of the '<NSApplicationDelegate>' box, indicating that 'AppDelegate' inherits from both.