

[Authentication Services](#) / ASWebAuthenticationSessionWebBrowserSessionManager

Class

ASWebAuthenticationSessionWebBrowserSessionManager

A session manager that mediates sharing data between an app and a web browser.

macOS 10.15+

```
class ASWebAuthenticationSessionWebBrowserSessionManager
```

Overview

You don't create a session manager directly. Instead, use the [shared](#) session manager to tell the system what instance within your web browser app handles authentication requests. Do this by assigning an instance of a class that adopts the [ASWebAuthenticationSessionWebBrowserSessionHandling](#) protocol to the shared manager's [sessionHandler](#) property.

You can also use the shared managers [wasLaunchedByAuthenticationServices](#) property to determine if your web browser app was launched for the specific purpose of performing authentication.

Topics

Getting the Shared Manager

```
class var shared: ASWebAuthenticationSessionWebBrowserSessionManager
```

The shared manager for which a web browser acts as the session handler.

Handling a Session Request

`var sessionHandler: any ASWebAuthenticationSessionWebBrowserSessionHandling`

A handler that a web browser provides to handle session requests from an app.

`protocol ASWebAuthenticationSessionWebBrowserSessionHandling`

An interface that a session handler implements to handle login requests from an app.

Querying the Manager

`var wasLaunchedByAuthenticationServices: Bool`

A Boolean that indicates whether the session was launched by authentication services.

Relationships

Inherits From

`NSObject`

Conforms To

`CVarArg`

`CustomDebugStringConvertible`

`CustomStringConvertible`

`Equatable`

`Hashable`

`NSObjectProtocol`

See Also

Web authentication sessions

 [Authenticating a User Through a Web Service](#)

Use a web authentication session to authenticate a user in your app.



Securing Logins with iCloud Keychain Verification Codes

Use time-based codes generated on-device for a secure authentication experience.

`class ASWebAuthenticationSession`

A session that an app uses to authenticate a user through a web service.

`struct WebAuthenticationSession`

A SwiftUI environment value that views use to authenticate someone using a web service.



Supporting Single Sign-On in a Web Browser App

Extend your web browser app to handle web authentication requests from other apps.

`ASWebAuthenticationSessionWebBrowserSupportCapabilities`

A collection of keys that a browser app uses to declare its ability to handle authentication requests from other apps.