

[Authentication Services](#) / [ASWebAuthenticationSession](#)[WebBrowserSessionManager](#)

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 manager's [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.