API Collection

Password use in web browsers

Register and authenticate website users by using passwords.

Overview

If your browser app uses WKWebView to display web content, WebKit automatically handles Web Authentication challenges in webpages and requests credentials from the person using the browser. If your browser app uses an alternative web browser engine — for example, an alternate browser engine for iPhone that you write using BrowserEngineKit — when the website makes a WebAuthentication challenge, use ASAuthorizationController to discover and use credentials to respond to the challenge. ASAuthorizationController works with passwords the system stores on the keychain or that third-party credential managers control.

Topics

Website authorization

class `ASAuthorizationWebBrowserPublicKeyCredentialManager`

A class that you use to request access to a person's passkeys in a web browser, and that reports on the access status.

Website authentication requests

protocol `ASAuthorizationWebBrowserSecurityKeyPublicKeyCredentialAssertionRequest`

An interface you use to respond to authentication challenges in a web browser.

`protocol` `ASAuthorizationWebBrowserSecurityKeyPublicKeyCredential` `RegistrationRequest`

    An interface you use to respond to password-creation challenges in a web browser.

Website credential providers

`protocol` `ASAuthorizationWebBrowserSecurityKeyPublicKeyCredential` `Provider`

    A protocol for creating passkey requests.

See Also

Passwords

📄   Password AutoFill

    Streamline your app's login and onboarding procedures.

`class` `ASAuthorizationPasswordProvider`

    A mechanism for generating requests to perform keychain credential sharing.

`class` `ASPasswordCredential`

    A password credential.