

[Authentication Services](#) / `ASAuthorizationAppleIDCredential`

Class

ASAuthorizationAppleIDCredential

A credential that results from a successful Apple ID authentication.

iOS 13.0+ | iPadOS 13.0+ | Mac Catalyst 13.1+ | macOS 10.15+ | tvOS 13.0+ | visionOS 1.0+ | watchOS 6.0+

```
class ASAuthorizationAppleIDCredential
```

Topics

Identifying a User

`var identityToken: Data?`

A JSON Web Token (JWT) that securely communicates information about the user to the app.

`var authorizationCode: Data?`

A token that the app uses to interact with the server.

`var state: String?`

An arbitrary string that your app provides to the request that generates the credential.

`var user: String`

An identifier for the authenticated user.

Getting Contact Information

`var authorizedScopes: [ASAuthorization.Scope]`

The contact information the user authorized your app to access.

```
var fullName: PersonNameComponents?
```

The user's full name from their Apple ID or a user-submitted value provided from the Sign in with Apple UI.

```
var email: String?
```

The user's email address.

Detecting User Characteristics

```
var realUserStatus: ASUserDetectionStatus
```

A value that indicates whether the user appears to be a real person.

```
enum ASUserDetectionStatus
```

Possible values for the real user indicator.

Instance Properties

```
var userAgeRange: ASUserAgeRange
```

Relationships

Inherits From

NSObject

Conforms To

ASAAuthorizationCredential

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCoding

NSCopying

NSObjectProtocol

NSSecureCoding

Sendable

See Also

Sign In with Apple

{ } Implementing User Authentication with Sign in with Apple

Provide a way for users of your app to set up an account and start using your services.

{ } Simplifying User Authentication in a tvOS App

Build a fluid sign-in experience for your tvOS apps using AuthenticationServices.

`struct SignInWithAppleButton`

A SwiftUI view that creates the Sign in with Apple button for display.

`Sign in with Apple Entitlement`

An entitlement that lets your app use Sign in with Apple.

`class ASAAuthorizationAppleIDProvider`

A mechanism for generating requests to authenticate users based on their Apple ID.