

[Authentication Services](#) / AuthorizationController

Structure

AuthorizationController

A SwiftUI environment value that views use to perform authorization requests.

≡ AuthenticationServices | ≡ SwiftUI | iOS 16.4+ | iPadOS 16.4+ | Mac Catalyst 16.4+ | macOS 13.3+ | tvOS 16.4+ | visionOS 1.0+ | watchOS 9.4+

```
@MainActor
struct AuthorizationController
```

Overview

To access an instance of this type, use the SwiftUI [Environment](#) property wrapper and specify [authorizationController](#) as the environment value, as the following example shows:

```
struct AuthorizationControllerExample: View {
    // Get an instance of AuthorizationController using SwiftUI's @Environment
    // property wrapper.
    @Environment(\.authorizationController) private var authorizationController

    var body: some View {
        Button("Sign In") {
            Task {
                do {
                    // Create the authorization request.
                    async let request = makeAuthorizationRequest()
                    // Perform the request and await its result.
                    let result = try await authorizationController
                        .performRequest(request)
                    switch result {
```

```
        // Process the request's result.  
    }  
}  
} catch {  
    // Respond to any authorization errors.  
}  
}  
}  
}
```

Topics

Performing requests

```
func performRequest(ASAAuthorizationRequest) async throws ->  
ASAAuthorizationResult
```

Performs the specified authorization request.

```
func performRequests([ASAAuthorizationRequest]) async throws ->  
ASAAuthorizationResult
```

Performs an authorization request from the provided array.

```
func performRequest(ASAAuthorizationRequest, options: ASAAuthorization  
Controller.RequestOptions) async throws -> ASAAuthorizationResult
```

Performs the specified authorization request with explicit options.

```
func performRequests([ASAAuthorizationRequest], options: ASAAuthorization  
Controller.RequestOptions) async throws -> ASAAuthorizationResult
```

Performs an authorization request, with explicit options, from the provided array.

```
func performRequest(ASAAuthorizationRequest, customMethods: [  
ASAAuthorizationCustomMethod]) async throws -> ASAAuthorizationResult
```

Performs the authorization request using a custom authorization method.

```
func performRequests([ASAAuthorizationRequest], customMethods: [  
ASAAuthorizationCustomMethod]) async throws -> ASAAuthorizationResult
```

Performs an authorization request from the provided array using a custom authorization method.

Performing assisted requests

```
func performAutoFillAssistedRequest(ASAuthorizationRequest) async  
throws -> ASAuthorizationResult
```

Performs an AutoFill-assisted authorization request.

```
func performAutoFillAssistedRequests([ASAuthorizationRequest]) async  
throws -> ASAuthorizationResult
```

Performs an AutoFill-assisted authorization request from the provided array.

Relationships

Conforms To

Sendable, SendableMetatype

See Also

Authorization requests

```
class ASAAuthorizationController
```

A controller that manages authorization requests that a provider creates.

```
enum ASAAuthorizationResult
```

Describes the outcome of a successful authorization request.