

[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(ASAuthorizationRequest) async throws ->
ASAuthorizationResult
```

Performs the specified authorization request.

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

Performs an authorization request from the provided array.

```
func performRequest(ASAuthorizationRequest, options: ASAuthorization
Controller.RequestOptions) async throws -> ASAuthorizationResult
```

Performs the specified authorization request with explicit options.

```
func performRequests([ASAuthorizationRequest], options: ASAuthorization
Controller.RequestOptions) async throws -> ASAuthorizationResult
```

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

```
func performRequest(ASAuthorizationRequest, customMethods: [
ASAuthorizationCustomMethod]) async throws -> ASAuthorizationResult
```

Performs the authorization request using a custom authorization method.

```
func performRequests([ASAuthorizationRequest], customMethods: [
ASAuthorizationCustomMethod]) async throws -> ASAuthorizationResult
```

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 ASAuthorizationController
```

A controller that manages authorization requests that a provider creates.

```
enum ASAuthorizationResult
```

Describes the outcome of a successful authorization request.