

[StoreKit](#) / [SKCloudServiceController](#) Deprecated

Class

SKCloudServiceController Deprecated

An object that determines the current capabilities of a person's Music library.

iOS 9.3–18.0 Deprecated | iPadOS 9.3–18.0 Deprecated | Mac Catalyst 13.0–18.0 Deprecated |

macOS 11.0–15.0 Deprecated | tvOS 9.3–18.0 Deprecated | watchOS 7.0–11.0 Deprecated

```
class SKCloudServiceController
```

Deprecated

Use [SwiftUI](#) and [MusicKit](#) instead.

Mentioned in

-  [Determining a person's Apple Music capabilities](#)
-  [Requesting Access to Apple Music Library](#)
-  [Offering Apple Music Subscription in Your App](#)

Overview

Use an [SKCloudServiceController](#) object to determine the current capabilities of a customer's Music library, like whether the device allows playback of Apple Music catalog tracks and the addition of tracks to the library.

Topics

Getting authorization to access the Music library

Requesting Access to Apple Music Library

Prompt the customer to authorize access to Apple Music library.

```
class func authorizationStatus() -> SKCloudServiceAuthorizationStatus
```

Returns the type of authorization the customer has for accessing the Music library on the device.

```
class func requestAuthorization((SKCloudServiceAuthorizationStatus) -> Void)
```

Asks the customer for permission to access the Music library on the device.

```
enum SKCloudServiceAuthorizationStatus
```

Constants that indicate the type of authorization the customer has for accessing the Music library.

Determining capabilities

Determining a person's Apple Music capabilities

Determine which Apple Music capabilities are available on a customer's device.

```
func requestUserToken(forDeveloperToken: String, completionHandler: (String?, (any Error)?)) -> Void
```

Returns a user token that you use to access personalized Apple Music content.

```
func requestStorefrontCountryCode(completionHandler: (String?, (any Error)?)) -> Void
```

Gets the country code for the storefront associated with a customer's iTunes account.

```
func requestCapabilities(completionHandler: (SKCloudServiceCapability, (any Error)?)) -> Void
```

Gets the current capabilities associated with the Music library on the device.

```
struct SKCloudServiceCapability
```

Constants that specify the current capabilities of the customer's Music library on the device.

```
func requestStorefrontIdentifier(completionHandler: (String?, (any Error)?)) -> Void
```

Gets the device's storefront identifier.

```
func requestPersonalizationToken(forClientToken: String, withCompletionHandler: (String?, (any Error)?)) -> Void
```

Notifications

~~static let SKStorefrontIdentifierDidChange: NSNotification.Name~~

A notification name for indicating a change in the storefront identifier associated with the device.

~~static let SKCloudServiceCapabilitiesDidChange: NSNotification.Name~~

A notification name for indicating a change in the capabilities associated with the Music library on the device.

~~static let SKStorefrontCountryCodeDidChange: NSNotification.Name~~

A notification name for indicating a change in the storefront country or region code associated with the device.

Relationships

Inherits From

NSObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

See Also

Deprecated

~~class SKCloudServiceSetupViewController~~

A view controller that helps people perform setup for a cloud service, like an Apple Music subscription.

Deprecated