

[StoreKit](#) / [Product](#) / Product.PurchaseResult

Enumeration

Product.PurchaseResult

The result of a purchase.

iOS 15.0+ | iPadOS 15.0+ | macOS 12.0+ | tvOS 15.0+ | visionOS 1.0+ | watchOS 8.0+

```
enum PurchaseResult
```

Overview

The value of the purchase result represents the state of the purchase. When successful, the associated value contains a [VerificationResult](#) of the transaction. The following example illustrates calling [purchase\(options:\)](#) on a [Product](#) value, checking the purchase status, and inspecting information about a successful transaction.

```
let result = try await product.purchase()
switch result {
case .success(let verificationResult):
    switch verificationResult {
    case .verified(let transaction):
        // Give the user access to purchased content.
        ...
        // Complete the transaction after providing
        // the user access to the content.
        await transaction.finish()
    case .unverified(let transaction, let verificationError):
        // Handle unverified transactions based
        // on your business model.
        ...
    }
case .pending:
```

```
// The purchase requires action from the customer.  
// If the transaction completes,  
// it's available through Transaction.updates.  
break  
case .userCancelled:  
    // The user canceled the purchase.  
    break  
@unknown default:  
    break  
}
```

Topics

Getting the Purchase Results

`case success(VerificationResult<Transaction>)`

The purchase succeeded and results in a transaction.

`case userCancelled`

The user canceled the purchase.

`case pending`

The purchase is pending, and requires action from the customer.

Relationships

Conforms To

Sendable, SendableMetatype

See Also

[Purchase requests and results](#)

```
struct PurchaseAction
```

An action that starts an In-App Purchase.

```
func purchase(options: Set<Product.PurchaseOption>) async throws ->  
Product.PurchaseResult
```

Initiates a purchase for the product with the App Store and displays the confirmation sheet.