Structure

HKError

An error returned from a HealthKit method.

iOS 8.0+ | iPadOS 8.0+ | Mac Catalyst 13.0+ | macOS 13.0+ | visionOS 1.0+ | watchOS 2.0+

```
struct HKError
```

Topics

Accessing errors

enum **Code**

Error codes returned by HealthKit.

static var **noError**: HKError.Code

No error occurred.

static var **errorHealthDataUnavailable**: HKError.Code

The user accessed HealthKit on an unsupported device.

static var **errorHealthDataRestricted**: HKError.Code

A Mobile Device Management (MDM) profile restricts the use of HealthKit on this device.

static var **errorInvalidArgument**: HKError.Code

The app passed an invalid argument to the HealthKit API.

static var **errorAuthorizationDenied**: HKError.Code

The user hasn't given the app permission to save data.

static var errorAuthorizationNotDetermined: HKError.Code

The app hasn't yet asked the user for the authorization required to complete the task.

static var errorRequiredAuthorizationDenied: HKError.Code

The user hasn't granted the application authorization to access all the required clinical record types.

static var errorDatabaseInaccessible: HKError.Code

The HealthKit data is unavailable because it's protected and the device is locked.

static var errorUserCanceled: HKError.Code

The user canceled the operation.

static var errorAnotherWorkoutSessionStarted: HKError.Code

Another app started a workout session.

static var errorUserExitedWorkoutSession: HKError.Code

The user exited your application while a workout session was running.

static var errorNoData: HKError.Code

Data is unavailable for the requested query and predicate.

Type Properties

static var errorBackgroundWorkoutSessionNotAllowed: HKError.Code

static var errorDataSizeExceeded: HKError.Code

static var errorDomain: String

static var errorNotPermissibleForGuestUserMode: HKError.Code

The app attempted to write HealthKit data while in a Guest User session in visionOS.

static var errorWorkoutActivityNotAllowed: HKError.Code

static var unknownError: HKError.Code

Relationships

Conforms To

```
CustomNSError
Equatable
Error
Hashable
Sendable
SendableMetatype
```

See Also

Errors

`let` `HKErrorDomain`: `String`

The domain for all HealthKit errors.

`enum` `Code`

Error codes returned by HealthKit.