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Structure

AnyUserIdentity

A user identity that performs type erasure by wrapping another user identity.

iOS 17.4+ | iPadOS 17.4+ | Mac Catalyst 17.4+ | visionOS

```
struct AnyUserIdentity
```

Topics

Creating a user identity

`init<T>(T)`

Initializes this type eraser with a user identity to wrap.

`init(from: any Decoder) throws`

Creates a new instance by decoding from the given decoder.

Setting the scope

`func scope<R>(() throws -> R) rethrows -> R`

Sets the user identity for document-related operations that occur within the closure passed in.

`func scope<R>(() async throws -> R) async rethrows -> R`

Sets the user identity for document-related operations that occur within the async closure passed in.

Inspecting an identity

```
var stringRepresentation: String
```

String representation of this user identity for display or debugging purposes.

```
var typeID: String
```

A unique type identifier for this user identity.

```
enum Error
```

Error type for this user identity.

Instance Methods

```
func encode(to: any Encoder) throws
```

Encodes this value into the given encoder.

```
func hash(into: inout Hasher)
```

Hashes the essential components of this value by feeding them into the given hasher.

Comparing identities

```
static func == (AnyUserIdentity, AnyUserIdentity) -> Bool
```

Returns a Boolean value indicating whether two values are equal.

Relationships

Conforms To

Decodable

Encodable

Equatable

Hashable

Sendable

SendableMetatype

UserIdentity

See Also

Identity

`protocol UserIdentity`

Types conforming to this protocol can act as user identities for editors of a document.

`struct AnonymousUserIdentity`

A user identity for unknown editors.

`struct StringUserIdentity`

A user identity defined by a string.

`class UserIdentityTypeRegistry`

A registry for user identity types. Assignable documents and document elements store user identity data as Data objects. In order for that data to be deserialized, the type to deserialize it as needs to be known to `UserIdentityTypeRegistry`. Without registration of the user identity, custom types won't be deserializable.

`enum UserIdentityFactory`

A type that contains helpers for creating user identity objects.