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## Enumeration

# HistoryChange

Values that describe data history transactions.

iOS 18.0+ | iPadOS 18.0+ | Mac Catalyst 18.0+ | macOS 15.0+ | tvOS 18.0+ | visionOS 2.0+ | watchOS 11.0+ |  
Swift 5.9+

```
enum HistoryChange
```

## Topics

### Operations

```
case delete(any HistoryDelete)
```

A value that indicates a delete operation.

```
case insert(any HistoryInsert)
```

A value that indicates an insertion operation.

```
case update(any HistoryUpdate)
```

A value that indicates an update operation.

### Getting information about a change

```
var changedPersistentIdentifier: PersistentIdentifier
```

The persistent identifier of the change.

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# Relationships

## Conforms To

Sendable, SendableMetatype

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## See Also

### History life cycle

`protocol HistoryDelete`

An interface that enables a custom data store to delete items from the history of changes to its persisted models.

`protocol HistoryInsert`

`protocol HistoryToken`

`protocol HistoryTransaction`

`protocol HistoryUpdate`

`struct HistoryTombstone`

`struct DefaultHistoryInsert`

`struct DefaultHistoryUpdate`

`struct DefaultHistoryDelete`

`struct DefaultHistoryToken`

`struct DefaultHistoryTransaction`