Protocol

# HistoryInsert

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+

```
protocol HistoryInsert<Model> : Sendable
```

## Topics

## Associated Types

associatedtype **ChangeIdentifier** : Comparable, Hashable, Sendable

**Required**

associatedtype **Model** : PersistentModel

**Required**

associatedtype **TransactionIdentifier** : Comparable, Hashable, Sendable

**Required**

## Instance Properties

var **changeIdentifier**: Self.ChangeIdentifier

**Required**

var **changedPersistentIdentifier**: PersistentIdentifier

**Required**

var **transactionIdentifier**: Self.TransactionIdentifier

**Required**

# Relationships

## Inherits From

`Sendable`, `SendableMetatype`

## Conforming Types

`DefaultHistoryInsert`

# See Also

## History life cycle

`enum HistoryChange`

Values that describe data history transactions.

`protocol HistoryDelete`

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

`protocol HistoryToken`

`protocol HistoryTransaction`

`protocol HistoryUpdate`

`struct HistoryTombstone`

`struct DefaultHistoryInsert`

`struct DefaultHistoryUpdate`

`struct DefaultHistoryDelete`

`struct DefaultHistoryToken`

```
struct DefaultHistoryTransaction
```