Class

ArchiveHeader

An AppleArchive entry header.

iOS 14.0+ | iPadOS 14.0+ | Mac Catalyst | macOS 11.0+ | tvOS 14.0+ | visionOS | watchOS 7.0+

```
class ArchiveHeader
```

Topics

Creating an Archive Header

`init()`

Creates a new empty archive header.

`init?(keySet: ArchiveHeader.FieldKeySet, directory: FilePath, path: FilePath, flags: ArchiveFlags)`

Creates a new archive header with fields derived from the filesystem object, at the specified directory and path.

`init?(withAAEncodedData: UnsafeBufferPointer<UInt8>)`

Creates a new archive header from encoded data.

`init(copying: ArchiveHeader)`

Creates a copy of an archive header.

Manipulating Fields

`func field(forKey: ArchiveHeader.FieldKey) -> ArchiveHeader.Field?`

Returns the field for a specified key.

struct `FieldKey`

A type that's an alias for the field key structure.

enum `Field`

An enumeration that describes the type, key, and value of a header field.

var `fieldType: ArchiveHeader._FieldTypes`

The field types of the archive header.

struct `FieldType`

Constants that specify the field type of an archive header.

var `fieldKey: ArchiveHeader._FieldKeys`

The field keys of the archive header.

class `FieldKeySet`

An object that represents a field key set.

Manipulating Entries

class `EntryAttributes`

An object that describes archive entry attributes.

class `EntryXATBlob`

An object that describes the extended attributes of an archive entry.

var `entryType: ArchiveHeader.EntryType?`

The entry type from TYP field, or `nil` if missing or invalid.

struct `EntryType`

Constants that specify the filesystem entry types.

typealias `EntryFilter`

A type alias for the parameters passed to an archive stream operation's entry selection and status closure.

struct `EntryMessage`

Constants that represent message values for the entry message filters.

enum `EntryFilterData`

Enumerations that represent entry filter data.

`struct EntryMessageStatus`

Statuses that you return from an archive stream operation's entry selection and status closure.

Accessing File Paths

`var entryPath: FilePath?`

The entry from the path field, or nil if missing or invalid.

Accessing AppleArchive Encoded Data

`func withAAEncodedData<R>((UnsafeBufferPointer<UInt8>) throws -> R) rethrows -> R`

Executes a closure with encoded data.

Collection Requirements

`func append(ArchiveHeader.Field)`

`func remove(at: Int) -> ArchiveHeader.Field`

`func removeAll()`

Relationships

Conforms To

```
BidirectionalCollection
Collection
Copyable
MutableCollection
RandomAccessCollection
Sequence
```