

[Apple Archive](#) / ArchiveStreamProtocol

Protocol

ArchiveStreamProtocol

A set of methods that defines the interface for using an archive stream that reads from and writes to data blobs.

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

```
protocol ArchiveStreamProtocol
```

Topics

Reading and Writing Blobs

```
func readBlob(key: ArchiveHeader.FieldKey, into: UnsafeMutableRawBufferPointer) throws
```

Reads the current entry blob data.

Required

```
func writeBlob(key: ArchiveHeader.FieldKey, from: UnsafeRawBufferPointer) throws
```

Writes an entry blob data.

Required

Reading and Writing Headers

```
func readHeader() throws -> ArchiveHeader?
```

Reads the next entry header.

Required

```
func writeHeader(ArchiveHeader) throws
```

Writes an entry header.

Required

Using Archive Streams

```
func cancel()
```

Cancels stream operations.

Required

```
func close() throws
```

Closes the stream and releases associated resources.

Required

Relationships

Conforming Types

ArchiveStream

See Also

Apple Archive streams

```
class ArchiveStream
```

An archive stream that reads from and writes to data blobs

```
protocol ArchiveByteStreamProtocol
```

A set of methods that defines the interface for using an archive stream that reads from and writes to buffers.

```
class ArchiveByteStream
```

An archive stream that reads from and writes to buffers.