

[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

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## Relationships

### Conforming Types

ArchiveStream

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## 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.