

**NAME**

**archive\_read\_next\_header**, **archive\_read\_next\_header2** — functions for reading streaming archives

**LIBRARY**

Streaming Archive Library (libarchive, -larchive)

**SYNOPSIS**

```
#include <archive.h>

int
archive_read_next_header(struct archive *, struct archive_entry **);

int
archive_read_next_header2(struct archive *, struct archive_entry *);
```

**DESCRIPTION**

**archive\_read\_next\_header()**

Read the header for the next entry and return a pointer to a struct archive\_entry. This is a convenience wrapper around **archive\_read\_next\_header2()** that reuses an internal struct archive\_entry object for each request.

**archive\_read\_next\_header2()**

Read the header for the next entry and populate the provided struct archive\_entry.

**RETURN VALUES**

These functions return **ARCHIVE\_OK** (the operation succeeded), **ARCHIVE\_WARN** (the operation succeeded but a non-critical error was encountered), **ARCHIVE\_EOF** (end-of-archive was encountered), **ARCHIVE\_RETRY** (the operation failed but can be retried), and **ARCHIVE\_FATAL** (there was a fatal error; the archive should be closed immediately).

**ERRORS**

Detailed error codes and textual descriptions are available from the **archive\_errno()** and **archive\_error\_string()** functions.

**SEE ALSO**

tar(1), libarchive(3), archive\_read(3), archive\_read\_data(3),  
archive\_read\_extract(3), archive\_read\_filter(3), archive\_read\_format(3),  
archive\_read\_open(3), archive\_read\_set\_options(3), archive\_util(3), tar(5)