

**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)`, `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)`, `libarchive(3)`, `tar(5)`