

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)`