

NAME

`archive_read_close`, `archive_read_finish`, `archive_read_free` — functions for reading streaming archives

LIBRARY

Streaming Archive Library (`libarchive`, `-larchive`)

SYNOPSIS

```
#include <archive.h>

int
archive_read_close(struct archive *);

int
archive_read_finish(struct archive *);

int
archive_read_free(struct archive *);
```

DESCRIPTION**`archive_read_close()`**

Complete the archive and invoke the close callback.

`archive_read_finish()`

This is a deprecated synonym for **`archive_read_free()`**. The new name was introduced with `libarchive` 3.0. Applications that need to compile with either `libarchive` 2 or `libarchive` 3 should continue to use the **`archive_read_finish()`** name. Both names will be supported until `libarchive` 4.0 is released, which is not expected to occur earlier than 2013.

`archive_read_free()`

Invokes **`archive_read_close()`** if it was not invoked manually, then release all resources. Note: In `libarchive` 1.x, this function was declared to return *void*, which made it impossible to detect certain errors when **`archive_read_close()`** was invoked implicitly from this function. The declaration is corrected beginning with `libarchive` 2.0.

RETURN VALUES

These functions return `ARCHIVE_OK` on success, or `ARCHIVE_FATAL`.

ERRORS

Detailed error codes and textual descriptions are available from the **`archive_errno()`** and **`archive_error_string()`** functions.

SEE ALSO

`archive_read_data(3)`, `archive_read_filter(3)`, `archive_read_format(3)`, `archive_read_new(3)`, `archive_read_open(3)`, `archive_read_set_options(3)`, `archive_util(3)`, `libarchive(3)`