

**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)`