

**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)**