### **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 *);
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

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