

**NAME**

`archive_write_fail`, `archive_write_close`, `archive_write_finish`, `archive_write_free` — functions for creating archives

**LIBRARY**

Streaming Archive Library (libarchive, -larchive)

**SYNOPSIS**

```
#include <archive.h>

int
archive_write_fail(struct archive *);

int
archive_write_close(struct archive *);

int
archive_write_finish(struct archive *);

int
archive_write_free(struct archive *);
```

**DESCRIPTION****archive\_write\_fail()**

Always returns ARCHIVE\_FATAL. This marks the archive object as being unusable; after calling this function, the only call that can succeed is `archive_write_free()` to release the resources. This can be used to speed recovery when the archive creation must be aborted. Note that the created archive is likely to be malformed in this case;

**archive\_write\_close()**

Complete the archive and invoke the close callback.

**archive\_write\_finish()**

This is a deprecated synonym for `archive_write_free()`.

**archive\_write\_free()**

Invokes `archive_write_close()` if necessary, then releases all resources. If you need detailed information about `archive_write_close()` failures, you should be careful to call it separately, as you cannot obtain error information after `archive_write_free()` returns.

**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**

`tar(1)`, `archive_write_set_options(3)`, `libarchive(3)`, `cpio(5)`, `mtree(5)`, `tar(5)`