

**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)*