

**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)**