

NAME

`archive_write_add_filter_bzip2`, `archive_write_add_filter_compress`,
`archive_write_add_filter_gzip`, `archive_write_add_filter_lzip`,
`archive_write_add_filter_lzma`, `archive_write_add_filter_none`,
`archive_write_add_filter_program`, `archive_write_add_filter_xz`

LIBRARY

Streaming Archive Library (libarchive, -larchive)

SYNOPSIS

```
#include <archive.h>

int
archive_write_add_filter_bzip2(struct archive *);

int
archive_write_add_filter_compress(struct archive *);

int
archive_write_add_filter_gzip(struct archive *);

int
archive_write_add_filter_lzip(struct archive *);

int
archive_write_add_filter_lzma(struct archive *);

int
archive_write_add_filter_none(struct archive *);

int
archive_write_add_filter_program(struct archive *, const char * cmd);

int
archive_write_add_filter_xz(struct archive *);
```

DESCRIPTION

`archive_write_add_filter_bzip2()`, `archive_write_add_filter_compress()`,
`archive_write_add_filter_gzip()`, `archive_write_add_filter_lzip()`,
`archive_write_add_filter_lzma()`, `archive_write_add_filter_xz()`,
The resulting archive will be compressed as specified. Note that the compressed output is always properly blocked.

`archive_write_add_filter_none()`

This is never necessary. It is provided only for backwards compatibility.

`archive_write_add_filter_program()`

The archive will be fed into the specified compression program. The output of that program is blocked and written to the client write callbacks.

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), libarchive(3), archive_write(3), archive_write_format(3),
archive_write_set_options(3), cpio(5),mtree(5), tar(5)