

**NAME**

`archive_write_add_filter_b64encode`,            `archive_write_add_filter_by_name`,  
`archive_write_add_filter_bzip2`,            `archive_write_add_filter_compress`,  
`archive_write_add_filter_grzip`,            `archive_write_add_filter_gzip`,  
`archive_write_add_filter_lrzip`,            `archive_write_add_filter_lz4`,  
`archive_write_add_filter_lzip`,            `archive_write_add_filter_lzma`,  
`archive_write_add_filter_lzop`,            `archive_write_add_filter_none`,  
`archive_write_add_filter_program`,        `archive_write_add_filter_uencode`,  
`archive_write_add_filter_xz` — functions enabling output filters

**LIBRARY**

Streaming Archive Library (libarchive, -larchive)

**SYNOPSIS**

```

#include <archive.h>

int
archive_write_add_filter_b64encode(struct archive *);

int
archive_write_add_filter_bzip2(struct archive *);

int
archive_write_add_filter_compress(struct archive *);

int
archive_write_add_filter_grzip(struct archive *);

int
archive_write_add_filter_gzip(struct archive *);

int
archive_write_add_filter_lrzip(struct archive *);

int
archive_write_add_filter_lz4(struct archive *);

int
archive_write_add_filter_lzip(struct archive *);

int
archive_write_add_filter_lzma(struct archive *);

int
archive_write_add_filter_lzop(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_uencode(struct archive *);

int
archive_write_add_filter_xz(struct archive *);

```

**DESCRIPTION**

`archive_write_add_filter_bzip2()`, `archive_write_add_filter_compress()`,  
`archive_write_add_filter_grzip()`, `archive_write_add_filter_gzip()`,  
`archive_write_add_filter_lrzip()`, `archive_write_add_filter_lz4()`,  
`archive_write_add_filter_lzip()`, `archive_write_add_filter_lzma()`,  
`archive_write_add_filter_lzop()`, `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_b64encode()`, `archive_write_add_filter_uuencode()`,

The output will be encoded as specified. The encoded 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)`