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_uuencode**, **archive_write_add_filter_xz**

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_uuencode(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)