

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,
 archive_write_add_filter_zstd — 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_by_name(struct archive *, const char *name);

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 *);

int
archive_write_add_filter_zstd(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(),
archive_write_add_filter_zstd(),

```

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_by_name()

```

Sets the corresponding filter based on the common name.

```

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` (or `ARCHIVE_WARN` if an external program had to be executed to handle the filter) 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(3)*, *archive_write_format(3)*, *archive_write_set_options(3)*, *libarchive(3)*, *cpio(5)*, *mtree(5)*, *tar(5)*