

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