NAME

archive_write_set_format, **archive_write_set_format_7zip**, **archive_write_set_format_ar**,
archive_write_set_format_ar_bsd, **archive_write_set_format_ar_svr4**,
archive_write_set_format_by_name, **archive_write_set_format_cpio**,
archive_write_set_format_cpio_bin, **archive_write_set_format_cpio_newc**,
archive_write_set_format_cpio_odc, **archive_write_set_format_cpio_pwb**,
archive_write_set_format_filter_by_ext, **archive_write_set_format_filter_by_ext_def**,
archive_write_set_format_gnutar, **archive_write_set_format_iso9660**, **archive_write_set_format_mtree**,
archive_write_set_format_mtree_classic, **archive_write_set_format_mtree_default**,
archive_write_set_format_pax, **archive_write_set_format_pax_restricted**,
archive_write_set_format_raw, **archive_write_set_format_shar**, **archive_write_set_format_shar_dump**,
archive_write_set_format_ustar, **archive_write_set_format_v7tar**, **archive_write_set_format_warc**,
archive_write_set_format_xar, **archive_write_set_format_zip** - functions for creating archives

LIBRARY

Streaming Archive Library (libarchive, -larchive)

SYNOPSIS

#include <archive.h>

int
archive_write_set_format(*struct archive **, *int code*);

int
archive_write_set_format_7zip(*struct archive **);

int
archive_write_set_format_ar(*struct archive **);

int
archive_write_set_format_ar_bsd(*struct archive **);

int
archive_write_set_format_ar_svr4(*struct archive **);

int
archive_write_set_format_by_name(*struct archive **, *const char *name*);

int
archive_write_set_format_cpio(*struct archive **);

int
archive_write_set_format_cpio_bin(*struct archive *);

int
archive_write_set_format_cpio_newc(*struct archive *);

int
archive_write_set_format_cpio_odc(*struct archive *);

int
archive_write_set_format_cpio_pwb(*struct archive *);

int
archive_write_set_format_filter_by_ext(*struct archive *, *const char *filename*);

int
archive_write_set_format_filter_by_ext_def(*struct archive *, *const char *filename*, *const char *def_ext*);

int
archive_write_set_format_gnutar(*struct archive *);

int
archive_write_set_format_iso9660(*struct archive *);

int
archive_write_set_format_mtree(*struct archive *);

int
archive_write_set_format_pax(*struct archive *);

int
archive_write_set_format_pax_restricted(*struct archive *);

int
archive_write_set_format_raw(*struct archive *);

int
archive_write_set_format_shar(*struct archive *);

int

archive_write_set_format_shar_dump(*struct archive **);

int
archive_write_set_format_ustar(*struct archive **);

int
archive_write_set_format_v7tar(*struct archive **);

int
archive_write_set_format_warc(*struct archive **);

int
archive_write_set_format_xar(*struct archive **);

int
archive_write_set_format_zip(*struct archive **);

DESCRIPTION
These functions set the format that will be used for the archive.

The library can write a variety of common archive formats.

archive_write_set_format()
Sets the format based on the format code (see *archive.h* for the full list of format codes). In
particular, this can be used in conjunction with **archive_format**() to create a new archive with the
same format as an existing archive.

archive_write_set_format_by_name()
Sets the corresponding format based on the common name.

archive_write_set_format_filter_by_ext() **archive_write_set_format_filter_by_ext_def**()
Sets both filters and format based on the output filename. Supported extensions: .7z, .zip, .jar,
.cpio, .iso, .a, .ar, .tar, .tgz, .tar.gz, .tar.bz2, .tar.xz

archive_write_set_format_7zip() **archive_write_set_format_ar_bsd**()
archive_write_set_format_ar_svr4() **archive_write_set_format_cpio**()
archive_write_set_format_cpio_bin() **archive_write_set_format_cpio_newc**()
archive_write_set_format_cpio_odc() **archive_write_set_format_cpio_pwb**()
archive_write_set_format_gnutar() **archive_write_set_format_iso9660**()
archive_write_set_format_mtree() **archive_write_set_format_mtree_classic**()

archive_write_set_format_pax() **archive_write_set_format_pax_restricted**()
archive_write_set_format_raw() **archive_write_set_format_shar**()
archive_write_set_format_shar_dump() **archive_write_set_format_ustar**()
archive_write_set_format_v7tar() **archive_write_set_format_warc**()
archive_write_set_format_xar() **archive_write_set_format_zip**()
Set the format as specified. More details on the formats supported by libarchive can be found in the libarchive-formats(5) manual page.

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_set_options(3), libarchive(3), cpio(5), libarchive-formats(5), mtree(5), tar(5)