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)