NAME

archive_write_set_format_cpio,   **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_filter_by_ext**,
archive_write_set_format_filter_by_ext_def — functions for creating archives

LIBRARY

Streaming Archive Library (libarchive, -larchive)

SYNOPSIS

#include <archive.h>

int
archive_write_set_format_cpio(*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_filter_by_ext(*struct archive **, *const char **);

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

DESCRIPTION

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

The library can write POSIX octet-oriented cpio format archives, POSIX-standard "pax interchange" format archives, traditional "shar" archives, enhanced "dump" shar archives that store a variety of file attributes and handle binary files, and POSIX-standard "ustar" archives. The pax interchange format is a backwards-compatible tar format that adds key/value attributes to each entry and supports arbitrary filenames, linknames, uids, sizes, etc. "Restricted pax interchange format" is the library default; this is the same as pax format, but suppresses the pax extended header for most normal files. In most cases, this will result in ordinary ustar archives.

archive_write_set_format_filter_by_ext(),
    archive_write_set_format_filter_by_ext_def()
    Format and filter for archive can be set automatically, based on output file name extension. The functions are platform dependent. Supported extensions: .7z, .zip, .jar, .cpio, .iso, .a, .ar, .tar, .tgz, .tar.gz, .tar.bz2, .tar.xz

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_set_options(3), cpio(5), mtree(5), tar(5)