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_newc**,
> **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_newc**(*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_newc**()
> **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), libarchive(3), archive_write(3), archive_write_set_options(3), cpio(5), libarchive-formats(5), mtree(5), tar(5)