

**NAME**

archive_entry_hardlink,	archive_entry_hardlink_w,	archive_entry_set_hardlink,
archive_entry_copy_hardlink,	archive_entry_copy_hardlink_w,	archive_entry_update_hardlink_utf8,
archive_entry_set_link,	archive_entry_copy_link,	archive_entry_copy_link_w,
archive_entry_update_link_utf8,	archive_entry_pathname,	archive_entry_pathname_w,
archive_entry_set.pathname,	archive_entry_copy.pathname,	archive_entry_copy.pathname_w,
archive_entry_update.pathname_utf8,	archive_entry_sourcepath,	archive_entry_copy.sourcepath,
archive_entry_symlink,	archive_entry_symlink_w,	archive_entry_set_symlink,
archive_entry_copy_symlink,	archive_entry_copy_symlink_w,	archive_entry_update_symlink_utf8

functions for manipulating path names in archive entry descriptions

**LIBRARY**

Streaming Archive Library (libarchive, -larchive)

**SYNOPSIS**

```
#include <archive_entry.h>

const char *
archive_entry_hardlink(struct archive_entry *a);

const wchar_t *
archive_entry_hardlink_w(struct archive_entry *a);

void
archive_entry_set_hardlink(struct archive_entry *a, const char *path);

void
archive_entry_copy_hardlink(struct archive_entry *a, const char *path);

void
archive_entry_copy_hardlink_w(struct archive_entry *a, const wchar_t *,
    *path");

int
archive_entry_update_hardlink_utf8(struct archive_entry *a,
    const char *path);

void
archive_entry_set_link(struct archive_entry *a, const char *path);

void
archive_entry_copy_link(struct archive_entry *a, const char *path);

void
archive_entry_copy_link_w(struct archive_entry *a, const wchar_t *path);

int
archive_entry_update_link_utf8(struct archive_entry *a, const char *path);

const char *
archive_entry_pathname(struct archive_entry *a);

const wchar_t *
archive_entry_pathname_w(struct archive_entry *a);

void
archive_entry_set_pathname(struct archive_entry *a, const char *path);

void
archive_entry_copy_pathname(struct archive_entry *a, const char *path);

void
archive_entry_copy_pathname_w(struct archive_entry *a,
    const wchar_t *path);
```

```

int
archive_entry_update_pathname_utf8(struct archive_entry *a,
    const char *path);

const char *
archive_entry_sourcepath(struct archive_entry *a);

void
archive_entry_copy_sourcepath(struct archive_entry *a, const char *path);

const char *
archive_entry_symlink(struct archive_entry *a);

const wchar_t *
archive_entry_symlink_w(struct archive_entry *a);

void
archive_entry_set_symlink(struct archive_entry *a, const char *path);

void
archive_entry_copy_symlink(struct archive_entry *a, const char *path);

void
archive_entry_copy_symlink_w(struct archive_entry *a,
    const wchar_t *path);

int
archive_entry_update_symlink_utf8(struct archive_entry *a,
    const char *path);

```

## DESCRIPTION

Path names supported by *archive\_entry*(3):

hardlink	Destination of the hardlink.
link	Update only. For a symlink, update the destination. Otherwise, make the entry a hardlink and alter the destination for that.
pathname	Path in the archive
sourcepath	Path on the disk for use by <i>archive_read_disk</i> (3).
symlink	Destination of the symbolic link.

Path names can be provided in one of three different ways:

char *	Multibyte strings in the current locale.
wchar_t *	Wide character strings in the current locale. The accessor functions are named <b>xxx_w()</b> .
UTF-8	Unicode strings encoded as UTF-8. These are convenience functions to update both the multibyte and wide character strings at the same time.

The sourcepath is a pure filesystem concept and never stored in an archive directly.

For that reason, it is only available as multibyte string. The link path is a convenience function for conditionally setting hardlink or symlink destination. It doesn't have a corresponding get accessor function.

**archive\_entry\_set\_xxx()** is an alias for **archive\_entry\_copy\_xxx()**.

## SEE ALSO

*archive\_entry*(3), *libarchive*(3)