

NAME

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|--------------------------------------------------|--------------------------------------------------|
| <code>archive_entry_hardlink,</code> | <code>archive_entry_hardlink_w,</code> |
| <code>archive_entry_set_hardlink,</code> | <code>archive_entry_copy_hardlink,</code> |
| <code>archive_entry_copy_hardlink_w,</code> | <code>archive_entry_update_hardlink_utf8,</code> |
| <code>archive_entry_set_link,</code> | <code>archive_entry_copy_link,</code> |
| <code>archive_entry_copy_link,</code> | <code>archive_entry_copy_link_w,</code> |
| <code>archive_entry_update_link_utf8,</code> | <code>archive_entry_pathname,</code> |
| <code>archive_entry_pathname_w,</code> | <code>archive_entry_set_pathname,</code> |
| <code>archive_entry_copy_pathname,</code> | <code>archive_entry_copy_pathname_w,</code> |
| <code>archive_entry_update_pathname_utf8,</code> | <code>archive_entry_sourcepath,</code> |
| <code>archive_entry_copy_sourcepath,</code> | <code>archive_entry_symlink,</code> |
| <code>archive_entry_symlink_w,</code> | <code>archive_entry_set_symlink,</code> |
| <code>archive_entry_copy_symlink,</code> | <code>archive_entry_copy_symlink_w,</code> |
| <code>archive_entry_update_symlink_utf8</code> | |

— 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)`:

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

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

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <code>char *</code> | Multibyte strings in the current locale. |
| <code>wchar_t *</code> | Wide character strings in the current locale. The accessor functions are named XXX_w() . |
| UTF-8 | Unicode strings encoded as UTF-8. This 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),