

NAME

zip_get_name - get name of file by index

LIBRARY

libzip (-lzip)

SYNOPSIS

```
#include <zip.h>
```

```
const char *
```

```
zip_get_name(zip_t *archive, zip_uint64_t index, zip_flags_t flags);
```

DESCRIPTION

The **zip_get_name()** function returns the name of the file at position *index* in *archive*. The name is in UTF-8 encoding unless ZIP_FL_ENC_RAW was specified (see below).

If *flags* is set to ZIP_FL_UNCHANGED, the original unchanged filename is returned. The returned string must not be modified or freed, and becomes invalid when *archive* is closed.

Additionally, the following *flags* are supported:

| | |
|-------------------|---|
| ZIP_FL_ENC_RAW | Return the unmodified names as it is in the ZIP archive. |
| ZIP_FL_ENC_GUESS | (Default.) Guess the encoding of the name in the ZIP archive and convert it to UTF-8, if necessary. (Only CP-437 and UTF-8 are recognized.) |
| ZIP_FL_ENC_STRICT | Follow the ZIP specification and expect CP-437 encoded names in the ZIP archive (except if they are explicitly marked as UTF-8). Convert it to UTF-8. |

Note: ASCII is a subset of both CP-437 and UTF-8.

RETURN VALUES

Upon successful completion, a pointer to the name is returned. Otherwise, NULL and the error code in *archive* is set to indicate the error.

ERRORS

zip_get_name() fails if:

[ZIP_ER_DELETED]

index refers to a file that has been deleted (see `zip_delete(3)`).

[ZIP_ER_INVALID] *index* is not a valid file index in *archive*, or *index* points to an added file and ZIP_FL_UNCHANGED is set.

[ZIP_ER_MEMORY]

Required memory could not be allocated.

SEE ALSO

`libzip(3)`, `zip_name_locate(3)`

HISTORY

`zip_get_name()` was added in libzip 0.6. In libzip 0.10 the type of *index* was changed from *int* to *zip_uint64_t*. In libzip 0.11 the type of *flags* was changed from *int* to *zip_flags_t*.

AUTHORS

Dieter Baron <dillo@nih.at> and Thomas Klausner <tk@giga.or.at>