

NAME

zip_file_get_comment - get comment for file in zip

LIBRARY

libzip (-lzip)

SYNOPSIS

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

```
const char *
```

```
zip_file_get_comment(zip_t *archive, zip_uint64_t index, zip_uint32_t *lenp, zip_flags_t flags);
```

DESCRIPTION

The **zip_file_get_comment()** function returns the comment for the file at position *index* in the zip archive. The name is in UTF-8 encoding unless ZIP_FL_ENC_RAW was specified (see below). This pointer should not be modified or free(3)'d, and becomes invalid when *archive* is closed. If *lenp* is not NULL, the integer to which it points will be set to the length of the comment. If *flags* is set to ZIP_FL_UNCHANGED, the original unchanged comment is returned.

Additionally, the following *flags* are supported:

ZIP_FL_ENC_RAW	Return the unmodified comment as it is in the ZIP archive.
ZIP_FL_ENC_GUESS	(Default.) Guess the encoding of the comment 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 for file names and extend it to file comments, expecting them to be encoded in CP-437 in the ZIP archive (except if it is a UTF-8 comment from the special extra field). 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 comment is returned, or NULL if there is no comment. In case of an error, NULL is returned and the error code in *archive* is set to indicate the error.

ERRORS

zip_file_get_comment() fails if:

[ZIP_ER_INVALID] *index* is not a valid file index in *archive*.

SEE ALSO

libzip(3), zip_file_set_comment(3), zip_get_archive_comment(3)

HISTORY

zip_file_get_comment() was added in libzip 0.11.

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