

NAME

zip_source_zip_file, **zip_source_zip_file_create** - create data source from zip file

LIBRARY

libzip (-lzip)

SYNOPSIS

#include <zip.h>

zip_source_t *

zip_source_zip_file(*zip_t* **archive*, *zip_t* **srcarchive*, *zip_uint64_t* *srcidx*, *zip_flags_t* *flags*,
zip_uint64_t *start*, *zip_int64_t* *length*, *const char* **password*);

zip_source_t *

zip_source_zip_file_create(*zip_t* **srcarchive*, *zip_uint64_t* *srcidx*, *zip_flags_t* *flags*, *zip_uint64_t* *start*,
zip_int64_t *length*, *const char* **password*, *zip_error_t* **error*);

DESCRIPTION

The functions **zip_source_zip_file()** and **zip_source_zip_file_create()** create a zip source from a file in a zip archive. The *srcarchive* argument is the (open) zip archive containing the source zip file at index *srcidx*. *length* bytes from offset *start* will be used in the zip_source. If *length* is -1, the rest of the file, starting from *start*, is used.

If you intend to copy a file from one archive to another, using the flag ZIP_FL_COMPRESSED is more efficient, as it avoids recompressing the file data.

Supported flags are:

ZIP_FL_COMPRESSED

Get the compressed data. This is only supported if the complete file data is requested (*start* == 0 and *length* == -1). This is not supported for changed data. Default is uncompressed.

ZIP_FL_ENCRYPTED Get the encrypted data. (This flag implies ZIP_FL_COMPRESSED.) This is only supported if the complete file data is requested (*start* == 0 and *length* == -1). Default is decrypted.

ZIP_FL_UNCHANGED Try to get the original data without any changes that may have been made to *srcarchive* after opening it.

RETURN VALUES

Upon successful completion, the created source is returned. Otherwise, NULL is returned and the error code in *archive* or *error* is set to indicate the error.

ERRORS

zip_source_zip_file() and **zip_source_zip_file_create()** fail if:

[ZIP_ER_CHANGED]

Unchanged data was requested, but it is not available.

[ZIP_ER_INVALID] *srcarchive*, *srcidx*, *start*, or *length* are invalid.

[ZIP_ER_MEMORY]

Required memory could not be allocated.

Additionally, it can return all error codes from **zip_stat_index()** and **zip_fopen_index()**.

SEE ALSO

libzip(3), zip_file_add(3), zip_file_replace(3), zip_source(3)

HISTORY

zip_source_zip_file() and **zip_source_zip_file_create()** were added in libzip 1.10.0.

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