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_INVAL]   *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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