NAME

zip_file_extra_fields_count, **zip_file_extra_fields_count_by_id** - count extra fields for file in zip

LIBRARY

libzip (-lzip)

SYNOPSIS

#include <zip.h>

zip_int16_t
zip_file_extra_fields_count(*zip_t *archive*, *zip_uint64_t index*, *zip_flags_t flags*);

zip_int16_t
zip_file_extra_fields_count_by_id(*zip_t *archive*, *zip_uint64_t index*, *zip_uint16_t extra_field_id*,
  zip_flags_t flags);

DESCRIPTION

The **zip_file_extra_fields_count**() function counts the extra fields for the file at position *index* in the zip archive.

The following *flags* are supported:

ZIP_FL_CENTRAL   Count extra fields from the archive's central directory.

ZIP_FL_LOCAL   Count extra fields from the local file headers.

ZIP_FL_UNCHANGED
                    Count the original unchanged extra fields, ignoring any changes made.

The **zip_file_extra_fields_count_by_id**() function counts the extra fields with ID (two-byte signature) *extra_field_id*. The other arguments are the same as for **zip_file_extra_fields_count**().

Extra fields that are the same in the central directory and the local file header are merged into one. Therefore, the counts with ZIP_FL_CENTRAL and ZIP_FL_LOCAL do not need to add up to the same value as when given ZIP_FL_CENTRAL|ZIP_FL_LOCAL at the same time.

RETURN VALUES

Upon successful completion, the requested number of extra fields is returned. Otherwise, -1 is returned and the error code in *archive* is set to indicate the error.

ERRORS

   zip_file_extra_fields_count() and **zip_file_extra_fields_count_by_id**() fail if:

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

SEE ALSO

   libzip(3), zip_file_extra_field_delete(3), zip_file_extra_field_get(3), zip_file_extra_field_set(3)

HISTORY

   zip_file_extra_fields_count() and **zip_file_extra_fields_count_by_id**() were added in libzip 0.11.

AUTHORS

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