

NAME

zip_source_buffer_fragment, **zip_source_buffer_fragment_create** - create zip data source from multiple buffer

LIBRARY

libzip (-lzip)

SYNOPSIS

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

```
zip_source_t *
```

```
zip_source_buffer_fragment(zip_t *archive, zip_buffer_fragment_t *fragments,  
    zip_uint64_t nfragments, int freep);
```

```
zip_source_t *
```

```
zip_source_buffer_fragment_create(zip_buffer_fragment_t *fragments, zip_uint64_t nfragments,  
    int freep, zip_error_t *error);
```

DESCRIPTION

The functions **zip_source_buffer_fragment()** and **zip_source_buffer_fragment_create()** create a zip source from the data in *fragments*. *nfragments* specifies the number of fragments. If *freep* is non-zero, the data will be freed when it is no longer needed.

```
struct zip_stat {  
    zip_uint8_t *data; /* pointer to the actual data */  
    zip_uint64_t length; /* length of this fragment */  
};
```

The data *fragments* point to must remain valid for the lifetime of the created source. *fragments* itself can be discarded once the source is created.

The source can be used to open a zip archive from.

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_buffer() and **zip_source_buffer_create()** fail if:

[ZIP_ER_INVALID] *nfragments* is greater than zero and *fragments* is NULL.

[ZIP_ER_MEMORY]

Required memory could not be allocated.

SEE ALSO

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

HISTORY

zip_source_buffer_fragment() and **zip_source_buffer_fragment_create()** were added in libzip 1.4.0.

AUTHORS

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