

**NAME**

**zip\_source\_file**, **zip\_source\_file\_create** - create data source from FILE \*

**LIBRARY**

libzip (-lzip)

**SYNOPSIS**

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

```
zip_source_t *
```

```
zip_source_file(zip_t *archive, FILE *file, zip_uint64_t start, zip_int64_t len);
```

```
zip_source_t *
```

```
zip_source_file_create(FILE *file, zip_uint64_t start, zip_int64_t len, zip_error_t *error);
```

**DESCRIPTION**

The functions **zip\_source\_file**() and **zip\_source\_file\_create**() create a zip source from a file stream. They read *len* bytes from offset *start* from the open file stream *file*. If *len* is 0 or -1, the whole file (starting from *start*) is used.

If the file stream supports seeking, the source can be used to open a read-only zip archive from.

The file stream is closed when the source is being freed, usually by **zip\_close**(3).

**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\_file**() fails if:

[ZIP\_ER\_INVALID] *file*, *start*, or *len* are invalid.

[ZIP\_ER\_MEMORY]

Required memory could not be allocated.

**SEE ALSO**

libzip(3), zip\_file\_add(3), zip\_file\_replace(3), zip\_source(3)

**HISTORY**

**zip\_source\_filep()** and **zip\_source\_filep\_create()** were added in libzip 1.0.

## AUTHORS

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