

**NAME**

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

**LIBRARY**

libzip (-lzip)

**SYNOPSIS**

**#include <zip.h>**

*zip\_source\_t* \*

**zip\_source\_file**(*zip\_t* \*archive, const char \*fname, *zip\_uint64\_t* start, *zip\_int64\_t* len);

*zip\_source\_t* \*

**zip\_source\_file\_create**(const char \*fname, *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. They open *fname* and read *len* bytes from offset *start* from it. If *len* is 0 or -1, the whole file (starting from *start*) is used.

If the file supports seek, the source can be used to open a zip archive from.

The file is opened and read when the data from the source is used, usually by **zip\_close**() or **zip\_open\_from\_source**().

**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**() and **zip\_source\_file\_create**() fail if:

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

[ZIP\_ER\_MEMORY]

Required memory could not be allocated.

[ZIP\_ER\_OPEN] Opening *fname* failed.

**SEE ALSO**

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

## HISTORY

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

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