### **NAME**

zip\_register\_cancel\_callback\_with\_state - allow cancelling during zip\_close

### **LIBRARY**

```
libzip (-lzip)
```

### **SYNOPSIS**

### #include <zip.h>

```
typedef int (*zip_cancel_callback)(zip_t *, void *);
```

void

**zip\_register\_cancel\_callback\_with\_state**(zip\_t \*archive, zip\_cancel\_callback callback, void (\*ud\_free)(void \*), void \*ud);

# **DESCRIPTION**

This function can be used to cancel writing of a zip archive during zip\_close(3).

The **zip\_register\_cancel\_callback\_with\_state**() function registers a callback function *callback* for the zip archive *archive*. The *ud\_free* function is called during cleanup for deleting the userdata supplied in *ud*.

The callback function is called during zip\_close(3) in regular intervals (after every zip archive entry that's completely written to disk, and while writing data for entries) with zip archive archive and the user-provided user-data *ud* as arguments. When the callback function returns a non-zero value, writing is cancelled and zip\_close(3) returns an error.

The callback function should be fast, since it will be called often.

# **SEE ALSO**

```
libzip(3), zip_close(3), zip_register_progress_callback_with_state(3)
```

### **HISTORY**

**zip\_register\_cancel\_callback\_with\_state()** was added in libzip 1.6.0.

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