NAME
zip_register_progress_callback_with_state - provide updates during zip_close

LIBRARY
libzip (-lzip)

SYNOPSIS
#include <zip.h>

typedef void (*zip_progress_callback)(zip_t *, double, void *);

void
zip_register_progress_callback_with_state(*zip_t *archive*, *double precision*,
　zip_progress_callback callback, *void (*ud_free)(void *)*, *void *ud*);

DESCRIPTION
The **zip_register_progress_callback_with_state**() function registers a callback function *callback* for the zip archive *archive*. The *precision* argument is a double in the range from 0.00 to 1.0 that defines the smallest change for which the callback should be called (to avoid too frequent calls). 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*, the current progression state as a *double*, and the user-provided user-data *ud* as arguments. The progression state is a *double* in the range from 0.0 to 1.0. This can be used to provide progress indicators for user interfaces.

SEE ALSO
libzip(3), zip_close(3), zip_register_cancel_callback_with_state(3)

HISTORY
zip_register_progress_callback_with_state() was added in libzip 1.3.0.

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