

NAME

elftc_set_timestamps - set file timestamps

LIBRARY

library "libelftc"

SYNOPSIS

```
#include <libelftc.h>
```

int

```
elftc_set_timestamps(const char *filename, struct stat *sb);
```

DESCRIPTION

The **elftc_set_timestamps()** function is used to set the access and modified time stamps on a file based on the contents of a *struct stat* descriptor.

Argument *filename* names an existing file in the file system.

Argument *sb* points to structure of type *struct stat* populated by a prior call to *fstat(2)* or *stat(2)*.

IMPLEMENTATION NOTES

This function will invoke the high-resolution *utimes(2)* system call if the underlying operating system supports it. On operating systems lacking support for *utimes(2)*, the function will use lower resolution *utime(2)* system call.

EXAMPLES

To set the access and modified times for a new file to those of an existing file, use:

```
struct stat sb;
const char *existing_filename, *new_filename;

if (stat(existing_filename, &sb) < 0)
    err(EXIT_FAILURE, "stat failed");

if (elftc_set_timestamps(new_filename, &sb) < 0)
    err(EXIT_FAILURE, "timestamps could not be set");
```

SEE ALSO

fstat(2), *stat(2)*, *utime(2)*, *utimes(2)*