NAME

thr_set_name - set user-visible thread name

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <sys/thr.h>

int
thr_set_name(*long id*, *const char *name*);

DESCRIPTION

The **thr_set_name**() system call sets the user-visible name for the thread with the identifier *id* in the current process to the NUL-terminated string *name*. The name will be silently truncated to fit into a buffer of MAXCOMLEN + 1 bytes. The thread name can be seen in the output of the ps(1) and top(1) commands, in the kernel debuggers and kernel tracing facility outputs, and in userland debuggers and program core files, as notes.

RETURN VALUES

If successful, **thr_set_name**() returns zero; otherwise, -1 is returned, and *errno* is set to indicate the error.

ERRORS

The **thr_set_name**() system call may return the following errors:

[EFAULT]　　　　　　The memory pointed to by the *name* argument is not valid.

[ESRCH]　　　　　　The thread with the identifier *id* does not exist in the current process.

SEE ALSO

ps(1), _umtx_op(2), thr_exit(2), thr_kill(2), thr_kill2(2), thr_new(2), thr_self(2), pthread_set_name_np(3), ddb(4), ktr(9)

STANDARDS

The **thr_set_name**() system call is non-standard and is used by the 1:1 Threading Library (libthr, -lthr).

HISTORY

The **thr_set_name**() system call first appeared in FreeBSD 5.2.