NAME

idle − make process 0 idle

SYNOPSIS

#include <unistd.h>

int idle(void);

DESCRIPTION

idle() is an internal system call used during bootstrap. It marks the process's pages as swappable, lowers its priority, and enters the main scheduling loop. **idle**() never returns.

Only process 0 may call **idle**(). Any user process, even a process with superuser permission, will receive **EPERM**.

RETURN VALUE

idle() never returns for process 0, and always returns −1 for a user process.

ERRORS

EPERM

Always, for a user process.

VERSIONS

Since Linux 2.3.13, this system call does not exist anymore.

CONFORMING TO

This function is Linux-specific, and should not be used in programs intended to be portable.

COLOPHON

This page is part of release 5.05 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at https://www.kernel.org/doc/man−pages/.