

NAME

nice — set program priority

SYNOPSIS

nice (priority)

DESCRIPTION

The scheduling *priority* of the process is changed to the argument. Positive priorities get less service than normal; 0 is default. Only the super-user may specify a negative priority. The valid range of *priority* is 20 to -128. The value of 16 is recommended to users who wish to execute long-running programs without flak from the administration.

The effect of this call is passed to a child process by the *fork* system call. The effect can be cancelled by another call to *nice* with a *priority* of 0. From assembler, *nice* returns the old priority in r0. From C, *nice* returns a zero if no errors were encountered.

SEE ALSO

nice(1)

DIAGNOSTICS

The error bit (c-bit) is set if the user requests a *priority* outside the range of 0 to 20 and is not the super-user. In C, a -1 indicates an error.

ASSEMBLER

(nice = 34.)

(priority in r0)

sys nice

(old priority in r0)