NAME

nproc - print the number of processors

SYNOPSIS

nproc [**--all**] [**--ignore**=*count*]
nproc --help
nproc --version

DESCRIPTION

The **nproc** utility is used to print the number of processors limited to the cpuset(2) of the current process, unless the **--all** flag is specified.

The available flags are:

--all   Count all processors currently online.

--ignore=*count*
          The result is decreased by *count*, but never below 1.

--version
          Print the current program version and exit. Do not use this option.

--help   Print usage information and exit.

COMPATIBILITY

This program is intended to be compatible with nproc as found in GNU coreutils.

BUGS

If HyperThreading is enabled in BIOS and disabled in the kernel, the **--all** option on Linux will still report all possible CPU threads. On FreeBSD only active threads will be reported.

SEE ALSO

cpuset(1)

HISTORY

The **nproc** utility first appeared in FreeBSD 13.2.

AUTHORS

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