NAME

nproc - return number of available processing units

SYNOPSIS

nproc [**-a** | **--all**] [**-i** *N* | **--ignoreNs -=***N*] [**-h** | **--help**] [**-v** | **--version**]

DESCRIPTION

The **nproc** command displays the number of processors available

The following options are available:

-a, **--all**   Print the number of available processors

-i *N*, **--ignore**=*N*

> Ignore the specified number of processors. **nproc** will always return at least 1

-h. **--help**

> Display help and exit

-v, **--version**

> Display version number and exit

nproc is a simple drop in replacement for the GNU coreutils nproc command often found in many operating systems. It processes command line arguments, then calls the sysctl(3) function. To perform a similar function in the shell, use the following commands:

```
$ sysctl hw.ncpu | awk '{print $2}'
```

EXIT STATUS

The **nproc** utility exits 0 on success, and >0 if an error occurs.

SEE ALSO

sysctl(3), sysctl(8)

BUGS

This version of **nproc** differs from the GNU coreutils version. It does not support OpenMP. This is because FreeBSD base does not include OpenMP support at this time.

AUTHORS

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