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. It is part of FreeBSD Ports.

AUTHORS
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