NAME
renice – alter priority of running processes

SYNOPSIS
renice [−**n**] *priority* [−**g**|−**p**|−**u**] *identifier*...

DESCRIPTION
renice alters the scheduling priority of one or more running processes. The first argument is the *priority* value to be used. The other arguments are interpreted as process IDs (by default), process group IDs, user IDs, or user names. **renice**'ing a process group causes all processes in the process group to have their scheduling priority altered. **renice**'ing a user causes all processes owned by the user to have their scheduling priority altered.

OPTIONS
−n, **−−priority** *priority*

Specify the scheduling *priority* to be used for the process, process group, or user. Use of the option −**n** or −−**priority** is optional, but when used it must be the first argument.

−g, **−−pgrp**

Interpret the succeeding arguments as process group IDs.

−p, **−−pid**

Interpret the succeeding arguments as process IDs (the default).

−u, **−−user**

Interpret the succeeding arguments as usernames or UIDs.

−h, **−−help**

Display help text and exit.

−V, **−−version**

Print version and exit.

FILES
/etc/passwd

to map user names to user IDs

NOTES
Users other than the superuser may only alter the priority of processes they own. Furthermore, an unprivileged user can only *increase* the "nice value" (i.e., choose a lower priority) and such changes are irreversible unless (since Linux 2.6.12) the user has a suitable "nice" resource limit (see **ulimit**(1p) and **getrlimit**(2)).

The superuser may alter the priority of any process and set the priority to any value in the range −20 to 19. Useful priorities are: 19 (the affected processes will run only when nothing else in the system wants to), 0 (the "base" scheduling priority), anything negative (to make things go very fast).

HISTORY
The **renice** command appeared in 4.0BSD.

EXAMPLES
The following command would change the priority of the processes with PIDs 987 and 32, plus all processes owned by the users daemon and root:

renice +1 987 −u daemon root −p 32

SEE ALSO
nice(1), **chrt**(1), **getpriority**(2), **setpriority**(2), **credentials**(7), **sched**(7)

REPORTING BUGS

For bug reports, use the issue tracker at https://github.com/util−linux/util−linux/issues.

AVAILABILITY

The **renice** command is part of the util−linux package which can be downloaded from Linux Kernel Archive <https://www.kernel.org/pub/linux/utils/util−linux/>.