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Rocky Enterprise Linux 9.2 Manual Pages on command 'Proc::ProcessTable::Process.3pm'

\$ man Proc::ProcessTable::Process.3pm

Proc::ProcessTable::Process(3pmUser Contributed Perl DocumentatioProc::ProcessTable::Process(3pm)

NAME

Proc::ProcessTable::Process - Perl process objects

SYNOPSIS

```
$process->kill(9);  
$process->priority(19);  
$process->pgrp(500);  
$uid = $process->uid;  
...
```

DESCRIPTION

This is a stub module to provide OO process attribute access for Proc::ProcessTable.

Proc::ProcessTable::Process objects are constructed directly by Proc::ProcessTable; there is no constructor method, only accessors.

METHODS

kill

Sends a signal to the process; just an aesthetic wrapper for perl's kill. Takes the signal (name or number) as an argument. Returns number of processes signalled.

priority

Get/set accessor; if called with a numeric argument, attempts to reset the process's priority to that number using perl's setpriority function. Returns the process priority.

pgrp

Same as above for the process group.

all other methods...

are simple accessors that retrieve the process attributes for which they are named.

Currently supported are:

uid	UID of process	
gid	GID of process	
euid	effective UID of process	(Solaris only)
egid	effective GID of process	(Solaris only)
pid	process ID	
ppid	parent process ID	
spid	sprod ID	(IRIX only)
pgrp	process group	
sess	session ID	
cpuid	CPU ID of processor running on	(IRIX only)
priority	priority of process	
ttynum	tty number of process	
flags	flags of process	
minflt	minor page faults	(Linux only)
cmminflt	child minor page faults	(Linux only)
majflt	major page faults	(Linux only)
cmajflt	child major page faults	(Linux only)
utime	user mode time (1/100s of seconds)	(Linux only)
stime	kernel mode time	(Linux only)
cutime	child utime	(Linux only)
cstime	child stime	(Linux only)
time	user + system time	
ctime	child user + system time	
timensec	user + system nanoseconds part	(Solaris only)
ctimensec	child user + system nanoseconds	(Solaris only)
qtime	cumulative cpu time	(IRIX only)
size	virtual memory size (bytes)	
rss	resident set size (bytes)	
wchan	address of current system call	
fname	file name	

start start time (seconds since the epoch)
pctcpu percent cpu used since process started
state state of process
pctmem percent memory
cmdline full command line of process
ttydev path of process's tty
cname scheduling class name (IRIX only)

See the "README.osname" files in the distribution for more up-to-date information.

AUTHOR

J. Bargsten, D. Urist

SEE ALSO

Proc::ProcessTable, perl(1).

perl v5.34.0

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