NAME

proc, pflags, pcred, pmap, pldd, psig, pstack, pfiles, pwdx, pstop, prun, pwait, ptree, ptime – proc tools

SYNOPSIS

/usr/proc/bin/pflags *pid* . . .

/usr/proc/bin/pcred *pid* . . .

/usr/proc/bin/pmap *pid* . . .

/usr/proc/bin/pldd *pid* . . .

/usr/proc/bin/psig *pid* . . .

/usr/proc/bin/pstack *pid* . . .

/usr/proc/bin/pfiles *pid* . . .

/usr/proc/bin/pwdx *pid* . . .

/usr/proc/bin/pstop *pid* . . .

/usr/proc/bin/prun *pid* . . .

/usr/proc/bin/pwait [**–v**] *pid* . . .

/usr/proc/bin/ptree [[*pid* | *user*] . . .]

/usr/proc/bin/ptime *command* [*arg* . . .]

AVAILABILITY

SUNWesu

DESCRIPTION

The **proc** tools are utilities which exercise features of **/proc** (see **proc**(4)). Most of them take a list of process-ids (*pid*); those that do also accept **/proc/***nnn* as a process-id, so the shell expansion **/proc/*** can be used to specify all processes in the system.

pflags print the **/proc** tracing flags, the pending and held signals, and other **/proc** status information for each lwp in each process.

pcred print the credentials (effective, real and saved UID's and GID's) of each process.

pmap print the address space map of each process.

pldd list the dynamic libraries linked into each process, including shared objects explicitly attached using **dlopen**(3X). (See also **ldd**(1).)

psig list the signal actions of each process (See **signal**(5).)

pstack print a hex+symbolic stack trace for each lwp in each process.

pfiles report **fstat**(2) and **fcntl**(2) information for all open files in each process.

pwdx print the current working directory of each process.

pstop stop each process (**PR_REQUESTED** stop).

prun set each process running (inverse of **pstop**).

pwait wait for all of the specified processes to terminate.

ptree print the process trees containing the specified *pid*'s or *user*s, with child processes indented from their respective parent processes. An argument of all digits is taken to be a process-id, otherwise it is assumed to be a user login name. Default is all processes.

ptime time a *command*, such as the **time**(1) command, but using micro-state accounting for reproducible precision.

OPTIONS

The following options are supported:

−v (**pwait** only) verbose; report each termination to standard output.

EXIT STATUS

The following exit values are returned:

0 success

non-zero an error has occurred.

FILES

/proc/∗ process files
/usr/proc/lib/∗ **proc** tools supporting files

SEE ALSO

ldd(1), **ps**(1), **pwd**(1), **time**(1), **truss**(1), **wait**(1), **fcntl**(2), **fstat**(2), **dlopen**(3X), **proc**(4), **signal**(5)