NAME

pldd − display dynamic shared objects linked into a process

SYNOPSIS

pldd *pid*
pldd *option*

DESCRIPTION

The **pldd** command displays a list of the dynamic shared objects (DSOs) that are linked into the process with the specified process ID (PID). The list includes the libraries that have been dynamically loaded using **dlopen**(3).

OPTIONS

−?, **−−help**
Display a help message and exit.

−−usage
Display a short usage message and exit.

−V, **−−version**
Display program version information and exit.

EXIT STATUS

On success, **pldd** exits with the status 0. If the specified process does not exist, the user does not have permission to access its dynamic shared object list, or no command-line arguments are supplied, **pldd** exists with a status of 1. If given an invalid option, it exits with the status 64.

VERSIONS

pldd is available since glibc 2.15.

STANDARDS

The **pldd** command is not specified by POSIX.1. Some other systems have a similar command.

NOTES

The command

```
lsof −p PID
```

also shows output that includes the dynamic shared objects that are linked into a process.

The **gdb**(1) *info shared* command also shows the shared libraries being used by a process, so that one can obtain similar output to **pldd** using a command such as the following (to monitor the process with the specified *pid*):

```
$ gdb −ex "set confirm off" −ex "set height 0" −ex "info shared" \
        −ex "quit" −p $pid | grep '^0x.*0x'
```

BUGS

From glibc 2.19 to glibc 2.29, **pldd** was broken: it just hung when executed. This problem was fixed in glibc 2.30, and the fix has been backported to earlier glibc versions in some distributions.

EXAMPLES

```
$ echo $$               # Display PID of shell
1143
$ pldd $$               # Display DSOs linked into the shell
1143:   /usr/bin/bash
linux−vdso.so.1
/lib64/libtinfo.so.5
/lib64/libdl.so.2
/lib64/libc.so.6
/lib64/ld−linux−x86−64.so.2
/lib64/libnss_files.so.2
```

SEE ALSO

ldd(1), **lsof**(1), **dlopen**(3), **ld.so**(8)