

**NAME**

**pfind**, **zpfind** - locate a process by number

**SYNOPSIS**

```
#include <sys/param.h>
```

```
#include <sys/proc.h>
```

```
struct proc *
```

```
pfind(pid_t pid);
```

```
struct proc *
```

```
zpfind(pid_t pid);
```

**DESCRIPTION**

**pfind()** takes a *pid* as its argument and returns a pointer to the *proc* structure whose PID is specified in the argument only if the *pid* is on the *allproc* list.

**zpfind()** takes a *pid* as its argument. If **zpfind()** finds a process whose PID is equal to that of argument and is a zombie process, meaning that it must reside on the *zombproc* list, **zpfind()** returns a pointer to that *proc* structure.

Both **pfind()** and **zpfind()** lock the *proc* structure that is returned using **PROC\_LOCK(p)**.

**RETURN VALUES**

**pfind()** and **zpfind()** return a pointer to a *proc* structure on success and a NULL on failure.

**SEE ALSO**

pgfind(9)

**AUTHORS**

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