

NAME

ppgetpat - get a common pattern package pattern

SYNOPSIS

```
#include <ppsubs.h>
```

```
int pperrno; /* error type external */
```

```
PPAT *ppgetpat(patname, pattype, dirso)
char *patname;
int pattype;
PPATDIR dirso[];
```

DESCRIPTION

Ppfgetpat and **ppgetpat** provide an easy method for obtaining a pattern from the disk. **Ppfgetpat** is a `<stdio.h>` version of **ppgetpat** otherwise they function identically.

Ppfgetpat and **ppgetpat** use **ppfopenpat(3L)** and **ppopenpat(3L)** to open the pattern disk file. Once filename is opened, the pattern header is read. Memory is allocated (using **malloc(3)**), and the pattern is read into the memory. The pattern file is closed. **Ppfgetpat** and **ppgetpat** return a pointer to the pattern. The pattern memory may be freed or reallocated as described under **malloc(3)**.

SEE ALSO

ppfgetpat(3L), **ppopenpat(3L)**, **ppdefdso(3L)**, **malloc(3)**, **fopen(3)**, **fclose(3)**

DIAGNOSTICS

Ppfgetpat and **ppgetpat** return a (PPAT *) NULL when an error occurs. **Ppfgetpat** and **ppgetpat** will set the value of **pperrno** to one of the following values (defined in `<ppsubs.h>`) when a problem occurs:

PPBADNAME - The pattern name had invalid syntax.

PPNOPAT - The pattern could not be opened or found.

PPBADPAT - The internal format of the pattern was not correct. This could occur if the pattern was not made by **ppmkpat(1L)** or if the pattern had been scribbled.

PPSYSERR - A system call error occurred (usually no memory). Check the value of the external variable **errno**. The pattern was not read in.