

**NAME**

pperrno - pattern external error indicator

**SYNOPSIS**

```
#include <ppsubs.h>      /* pattern definitions and struct */
```

```
int pperrno;
```

**DESCRIPTION**

This is the pattern library software's error depository. Any time an error occurs in a pattern library (-lpp) subroutine, the value of the external pperrno is set to a value which corresponds to the type of error. A string describing the type of error can be addressed by the expression `ppmsg[pperrno]`. Also the error values are described below (for the most up to date list of pperrno values see `ppsubs.h`).

- PPBADDIR** - The directory name given for the search path is too long (too many characters). The directory name and pattern file name (including the ".p" or ".o") can be no longer than the **PPMAXNAM** value defined in `ppsubs.h`.
- PPBADNAME** - The pattern name had invalid syntax. Pattern names (like C language variables) must start with an alphabetic or '\_' character (A-Z, a-z or '\_'). They are also limited to a maximum length defined as **PPMAXNAM** in `ppsubs.h`.
- 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.
- PPNOPAT** - The pattern could not be opened or found.
- PPNOSRC** - This error occurs when the pattern format type is not standard. Only standard format type patterns have source included in the pattern file.
- PPNOVI** - This error occurs when the pattern format type is not standard. Only standard format type patterns have variable argument information included in the pattern file.
- PPOVRFLOW** - The part of the pattern to be read is larger than the buffer size as given in the subroutine call (`maxsize`). This was determined by comparing `maxsize` to the information in the pattern header. No attempt was made to read anything into the buffer.
- PPSYNTAX** - The pattern definition given has one or more syntax errors. This was determined by the pattern com-

piler (ppmkpat(1L)), and the pattern compiler will have already have sent error messages to standard output.

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