NAME

ppfrdsrc - stdio read pattern source

SYNOPSIS

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

        int pperrno;      /* error type external */

int ppfrdsrc(patstream,srcptr,maxsize,headptr)
        FILE *patstream;
        char *srcptr;
        int maxsize;
        struct PPHEAD *headptr;
```

DESCRIPTION

Pprdsrc and ppfrdsrc read the source part from a pattern file (patfdesorpatstream). The source part is only found in standard format type pattern files. This part comprises the ASCII character definition used to make the pattern. The source part is read into a buffer which is pointed to by srcptr. This buffer area is maxsize bytes in size. Maxsize should have a value greater than or equal to the value returned by the ppsrcsiz(3L) subroutine.

SEE ALSO

ppfopenpat(3L), ppfgetpat(3L), ppsrctell(3L), ppsrcsiz(3L), pperrno(3L), pattern(5L)

DIAGNOSTICS

Normally this subroutine returns the number of bytes read. The subroutine returns a NULL when an error occurs. This subroutine will set the value of pperrno to one of the following values (defined in <ppsubs.h>) when a problem occurs.

PPBADPAT - The size of a particular part of the pattern is smaller than indicated in the pattern header (i.e., the pattern has been scribbled or altered), or the pattern header has erroneous information in it (i.e., the pattern header is not a pattern header or the pattern file has been scribbled or altered).

PPNOSRC   - This error occurs when the pattern format type is not standard. Only standard format type patterns have source 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.

PPSYSERR - A system call error occurred (usually read or seek problem). Check the value of the external variable

errno. The pattern was not read in.

BUGS

If these subroutines are used to read pipes, then the seeks performed internal to the subroutines will most likely fail resulting in a PPSYSERR value in pperrno.