NAME

     ppdefdso - defining the pattern directory search order

SYNOPSIS

     #include <ppsubs.h>

DESCRIPTION

     The searching order for pattern directories may be defined by an
     application   program.   The   search   order is used by the
     PPGETPAT(3L) and **PPOPENPAT**(3L) subroutines of the common patterns
     package.

     Patterns are read from disk directory files.   The directories
     which are searched for the patterns and the order in which the
     directories are searched can be specified by an application pro-
     gram. To specify the directory search order simply create an ar-
     ray of pointers to strings. Each string represents a directory
     name (e.g., **/usr/clr/pat**). The first element (zero subscript) in
     the array points to the name of the first directory to be
     searched, and the second element points to the second, and so on.
     The last element in the array has a value equal to **PPLASTDIR**
     (which is defined in the **ppsubs.h** header file). Several direc-
     tories are available as part of the common pattern package.
     These directories are defined in the **ppsubs.h** header file. The
     following example should clear up any questions.

     #include <stdio.h>
     #include <ppsubs.h>

     static PPATDIR dirso[] = { /* directory search order array */
             PPKEYDIR,   /* Pattern keyword directory, "/keypat" */
             PPUSRDIR,   /* present working directory, "." */
             "/type01/pat",
             PPCOMPATDIR,   /* Common pattern directory, "/compat" */
             PPUSRPATDIR,   /* User Common pat directory, "/usr/pat" */
             PPLASTDIR   /* End of Directory Search Array */
     };

     main()
     {
             extern PPATDIR dirso[];

             FILE *patstream;   /* pointer to pattern stream */
             int patfdes;   /* pattern file descriptor */

             patstream = ppfopenpat("name",PPSTDFRMT,dirso);

                     /* or */

             patfdes = ppopenpat("name",PPSTDFRMT,dirso);

             .
             .
             .

In the above part of a program, **ppopenpat**(**3L**) and **ppfopenpat**()
would attempt to open the following files in the following order:

> **/keypat/name.p**
> **name.p**
> **/type01/pat/name.p**
> **/compat/name.p**
> **/usr/pat/name.p**

SEE ALSO
ppgetpat(3L), ppopenpat(3L), ppsccsgp(3L), ppdftdso(3L)