

NAME

`lpdata` - decode line printer data files (printers and qmap)

SYNOPSIS

```

lpdata (name,group,type,buffer,fp)
char *name;      /* printer or queue name */
int group;      /* group associated with printer or queue */
char type;      /* 'p' for the printers file, or 'q' for qmap file */
union
{
    struct printers *buffer;
    struct qmap *buffer;
} ;
FILE *fp;      /* file pointer to qmap or printers */

```

DESCRIPTION

`lpdata` retrieves the information from the *printers* and *qmap* files, and places it in a structured format as given by *lpss.h*. If *name* is not zero, `lpdata` seeks to the beginning of the file *fp* and searches for the specified *name*. The search will be successful only in the cases where the entry has been assigned to *group* or to ANYGID or has been defaulted. If *name* is zero, the next entry assigned to *group* is returned. Upon exhaustion of assigned entries, `lpdata` begins returning entries for the default group. It is necessary to seek to the beginning of *fp* in order to cause `lpdata` to reinitiate its search path. The space for *buffer* should be reserved in the calling program by declaring *buffer* to be either struct printer (in the case of the printers file) or struct qmap (in the case of the qmap file).

FILES

/usr/lpd/.qmap
/usr/lpd/.printers

SEE ALSO

`lpr(1)`

DIAGNOSTICS

`lpdata` returns -1 if the queue in question cannot be found, or the end of file is reached. In cases of syntax errors in the file, -2 is returned.