NAME

utindx, utline − access routines for utmp file

SYNOPSIS

#include <utmp.h>

int utindx (id)
char id[3];

struct utmp *utline (id)
char id[3];

DESCRIPTION

These routines provide access to the **utmp** file (normally **/etc/utmp**). This file contains user accounting information as maintained by **login**(1) and used by such commands as **who**(1). Both routines take a single argument which is a pointer to a string containing the two-character line id (from the **/etc/lines** file; see **lines**(6)) of interest.

Utindx returns the entry index of the most recent entry for the specified line ID. This index can then be used as the basis for direct access to the **utmp** file.

Utline returns the contents of the most recent entry for the specified line ID as a pointer to structure of the format specified in **/usr/include/utmp.h**:

```
/*              @(#)utmp.h    2.1              */
/*
 * Format of /etc/utmp and /usr/adm/wtmp
 */

#define UTMP_FILE "/etc/utmp"
#define WTMP_FILE "/etc/wtmp"

struct utmp {
            char        ut_name[8];         /* user id */
            char        ut_id[2];           /* line id */
            long        ut_time;            /* time on */
            int         ut_pid;                             /* process id */
};
```

SEE ALSO

login(1), utmp(5), lines(5), who(1)