

NAME

getutmp, getutmpx - copy utmp structure to utmpx, and vice versa

SYNOPSIS

```
#define _GNU_SOURCE /* See feature\_test\_macros\(7\)
*/
#include <utmpx.h>

void getutmp(const struct utmpx *ux, struct utmp *u);
void getutmpx(const struct utmp *u, struct utmpx *ux);
```

DESCRIPTION

The **getutmp**() function copies the fields of the *utmpx* structure pointed to by *ux* to the corresponding fields of the *utmp* structure pointed to by *u*. The **getutmpx**() function performs the converse operation.

RETURN VALUE

These functions do not return a value.

VERSIONS

These functions first appeared in glibc in version 2.1.1.

ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

Interface	Attribute	Value
getutmp (), getutmpx ()	Thread safety	MT-Safe

CONFORMING TO

These functions are nonstandard, but appear on a few other systems, such as Solaris and NetBSD.

NOTES

These functions exist primarily for compatibility with other systems where the *utmp* and *utmpx* structures contain different fields, or the size of corresponding fields differs. On Linux, the two structures contain the same fields, and the fields have the same sizes.

SEE ALSO

[utmpdump\(1\)](#), [getutent\(3\)](#), [utmp\(5\)](#)

COLOPHON

This page is part of release 4.10 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.