

**NAME**

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

**LIBRARY**

Standard C library (*libc*, *-lc*)

**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 were added in glibc 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

**STANDARDS**

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)**