

**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**

**Multithreading (see [pthreads\(7\)](#))**

The `getutmp()` and `getutmpx()` functions are thread-safe.

**CONFORMING TO**

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

**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**

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