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*Rocky Enterprise Linux 9.2 Manual Pages on command 'getutmpx.3'*

**\$ man getutmpx.3**

## GETUTMP(3)

## Linux Programmer's Manual

## GETUTMP(3)

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 5.10 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/>.

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