

NAME

updwtmp, logwtmp – append an entry to the wtmp file

SYNOPSIS

```
#include <utmp.h>
```

```
void updwtmp(const char *wtmp_file, const struct utmp *ut);
void logwtmp(const char *line, const char *name, const char *host);
```

For `logwtmp()`, link with `-lutil`.

DESCRIPTION

`updwtmp()` appends the utmp structure *ut* to the wtmp file.

`logwtmp()` constructs a utmp structure using *line*, *name*, *host*, current time and current process ID. Then it calls `updwtmp()` to append the structure to the wtmp file.

FILES

/var/log/wtmp

database of past user logins

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes(7)**.

Interface	Attribute	Value
<code>updwtmp()</code> , <code>logwtmp()</code>	Thread safety	MT-Unsafe sig:ALRM timer

CONFORMING TO

Not in POSIX.1. Present on Solaris, NetBSD, and perhaps other systems.

NOTES

For consistency with the other "utmpx" functions (see **getutxent(3)**), glibc provides (since version 2.1):

```
#include <utmpx.h>
void updwtmpx (const char *wtmpx_file, const struct utmpx *utx);
```

This function performs the same task as `updwtmp()`, but differs in that it takes a *utmpx* structure as its last argument.

SEE ALSO

getutxent(3), **wtmp(5)**

COLOPHON

This page is part of release 5.05 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/>.