

**NAME**

**uolog\_login**, **uolog\_login\_pseudo**, **uolog\_logout**, **uolog\_logout\_pseudo** - manage user login records

**LIBRARY**

User Login Record Library (libulog, -lulog)

**SYNOPSIS**

```
#include <uolog.h>
```

*void*

```
uolog_login(const char *line, const char *user, const char *host);
```

*void*

```
uolog_login_pseudo(int fd, const char *host);
```

*void*

```
uolog_logout(const char *line);
```

*void*

```
uolog_logout_pseudo(int fd);
```

**DESCRIPTION**

The **uolog\_login()** and **uolog\_login\_pseudo()** functions register a login session on a TTY. The **uolog\_login()** function adds an entry for TTY *line* and username *user*. The **uolog\_login\_pseudo()** function uses file descriptor to a pseudo-terminal master device *fd* to determine the TTY name, while using the username belonging to the real user ID of the calling process. The optional *host* argument denotes a remote hostname, in case the login session is provided by a network service.

The **uolog\_logout()** and **uolog\_logout\_pseudo()** functions mark the previously registered login session as being terminated.

Because the *line* and *user* arguments of **uolog\_login()** and **uolog\_logout()** cannot be trusted, these functions require administrative privileges. The **uolog\_login\_pseudo()** and **uolog\_logout\_pseudo()** functions spawn a privileged process to perform the actual logging.

**SEE ALSO**

getuid(2), posix\_openpt(2), ptsname(3), pututxline(3)

**HISTORY**

These functions appeared in FreeBSD 9.0.