

NAME

getusershell, setusershell, endusershell – get permitted user shells

LIBRARY

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

SYNOPSIS

```
#include <unistd.h>
```

```
char *getusershell(void);
```

```
void setusershell(void);
```

```
void endusershell(void);
```

Feature Test Macro Requirements for glibc (see **feature_test_macros(7)**):

getusershell(), setusershell(), endusershell():

Since glibc 2.21:

 _DEFAULT_SOURCE

In glibc 2.19 and 2.20:

 _DEFAULT_SOURCE || (_XOPEN_SOURCE && _XOPEN_SOURCE < 500)

Up to and including glibc 2.19:

 _BSD_SOURCE || (_XOPEN_SOURCE && _XOPEN_SOURCE < 500)

DESCRIPTION

The **getusershell()** function returns the next line from the file */etc/shells*, opening the file if necessary. The line should contain the pathname of a valid user shell. If */etc/shells* does not exist or is unreadable, **getusershell()** behaves as if */bin/sh* and */bin/csh* were listed in the file.

The **setusershell()** function rewinds */etc/shells*.

The **endusershell()** function closes */etc/shells*.

RETURN VALUE

The **getusershell()** function returns NULL on end-of-file.

FILES

/etc/shells

ATTRIBUTES

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

Interface	Attribute	Value
getusershell(), setusershell(), endusershell()	Thread safety	MT-Unsafe

STANDARDS

None.

HISTORY

4.3BSD.

SEE ALSO

shells(5)