

NAME

getloginclass, **setloginclass** - get/set login class

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

int

```
getloginclass(char *name, size_t len);
```

int

```
setloginclass(const char *name);
```

DESCRIPTION

The **getloginclass**() routine returns the login class name associated with the calling process, as previously set by **setloginclass**(). The caller must provide the buffer *name* with length *len* bytes to hold the result. The buffer should be at least MAXLOGNAME bytes in length.

The **setloginclass**() system call sets the login class of the calling process to *name*. This system call is restricted to the super-user, and is normally used only when a new session is being created on behalf of the named user (for example, at login time, or when a remote shell is invoked). Processes inherit login class from their parents.

RETURN VALUES

Upon successful completion, the value 0 is returned; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS

The following errors may be returned by these calls:

| | |
|----------|---|
| [EFAULT] | The <i>name</i> argument gave an invalid address. |
| [EINVAL] | The <i>name</i> argument pointed to a string that was too long. Login class names are limited to MAXLOGNAME (from <sys/param.h>) characters, currently 33 including null. |
| [EPERM] | The caller tried to set the login class and was not the super-user. |

[ENAMETOOLONG]

The size of the buffer is smaller than the result to be returned.

SEE ALSO

ps(1), setusercontext(3), login.conf(5), rctl(8)

HISTORY

The **getloginclass()** and **setloginclass()** system calls first appeared in FreeBSD 9.0.