

NAME

pam_get_user - retrieve user name

SYNOPSIS

```
#include <sys/types.h>
```

```
#include <security/pam_appl.h>
```

int

```
pam_get_user(pam_handle_t *pamh, const char **user, const char *prompt);
```

DESCRIPTION

The **pam_get_user()** function returns the name of the target user, as specified to **pam_start(3)**. If no user was specified, nor set using **pam_set_item(3)**, **pam_get_user()** will prompt for a user name. Either way, a pointer to the user name is stored in the location pointed to by the *user* argument, and the corresponding PAM item is updated.

The *prompt* argument specifies a prompt to use if no user name is cached. If it is NULL, the PAM_USER_PROMPT item will be used. If that item is also NULL, a hardcoded default prompt will be used. Additionally, when **pam_get_user()** is called from a service module, the prompt may be affected by module options as described below. The prompt is then expanded using **openpam_subst(3)** before it is passed to the conversation function.

MODULE OPTIONS

When called by a service module, **pam_get_user()** will recognize the following module options:

<code>user_prompt</code>	Prompt to use when asking for the user name. This option overrides both the <i>prompt</i> argument and the PAM_USER_PROMPT item.
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RETURN VALUES

The **pam_get_user()** function returns one of the following values:

[PAM_SUCCESS] Success.

[PAM_BAD_ITEM] Unrecognized or restricted item.

[PAM_BUF_ERR] Memory buffer error.

[PAM_CONV_ERR] Conversation failure.

[PAM_SYSTEM_ERR]

System error.

SEE ALSO

openpam_get_option(3), openpam_subst(3), pam(3), pam_conv(3), pam_get_authtok(3), pam_get_item(3), pam_set_item(3), pam_start(3), pam_strerror(3)

STANDARDS

X/Open Single Sign-On Service (XSSO) - Pluggable Authentication Modules, June 1997.

AUTHORS

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