

**NAME**

**pam\_prompt** - call the conversation function

**SYNOPSIS**

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

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

*int*

```
pam_prompt(const pam_handle_t *pamh, int style, char **resp, const char *fmt, ...);
```

**DESCRIPTION**

The **pam\_prompt**() function constructs a message from the specified format string and arguments and passes it to the given PAM context's conversation function.

A pointer to the response, or NULL if the conversation function did not return one, is stored in the location pointed to by the *resp* argument.

See **pam\_vprompt**(3) for further details.

**RETURN VALUES**

The **pam\_prompt**() function returns one of the following values:

[PAM\_SUCCESS] Success.

[PAM\_BUF\_ERR] Memory buffer error.

[PAM\_CONV\_ERR] Conversation failure.

[PAM\_SYSTEM\_ERR]  
System error.

**SEE ALSO**

**pam**(3), **pam\_error**(3), **pam\_info**(3), **pam\_strerror**(3), **pam\_vprompt**(3)

**STANDARDS**

The **pam\_prompt**() function is an OpenPAM extension.

**AUTHORS**

The **pam\_prompt**() function and this manual page were developed for the FreeBSD Project by ThinkSec AS and Network Associates Laboratories, the Security Research Division of Network Associates, Inc.

under DARPA/SPAWAR contract N66001-01-C-8035 ("CBOSS"), as part of the DARPA CHATS research program.

The OpenPAM library is maintained by Dag-Erling Smørgrav <*des@des.no*>.