NAME

pam_get_item - get PAM information

SYNOPSIS

#include <sys/types.h>
#include <security/pam_appl.h>

int
pam_get_item(*const pam_handle_t *pamh*, *int item_type*, *const void **item*);

DESCRIPTION

The **pam_get_item**() function stores a pointer to the item specified by the *item_type* argument in the location pointed to by the *item* argument. The item is retrieved from the PAM context specified by the *pamh* argument. If **pam_get_item**() fails, the *item* argument is untouched.

The following item types are recognized:

PAM_SERVICE   The name of the requesting service.

PAM_USER   The name of the user the application is trying to authenticate.

PAM_TTY   The name of the current terminal.

PAM_RHOST   The name of the applicant's host.

PAM_CONV   A *struct pam_conv* describing the current conversation function.

PAM_AUTHTOK   The current authentication token.

PAM_OLDAUTHTOK
                   The expired authentication token.

PAM_RUSER   The name of the applicant.

PAM_USER_PROMPT
                   The prompt to use when asking the applicant for a user name to authenticate as.

PAM_AUTHTOK_PROMPT
                   The prompt to use when asking the applicant for an authentication token.

PAM_OLDAUTHTOK_PROMPT

> The prompt to use when asking the applicant for an expired authentication token prior to changing it.

PAM_HOST   The name of the host the application runs on.

See pam_start(3) for a description of *struct pam_conv*.

RETURN VALUES

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

[PAM_SUCCESS]   Success.

[PAM_BAD_ITEM]   Unrecognized or restricted item.

SEE ALSO

pam(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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