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:

    user_prompt   Prompt to use when asking for the user name. This option overrides both the
                              prompt argument and the PAM_USER_PROMPT item.

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