

NAME

pam_debug - PAM module to debug the PAM stack

SYNOPSIS

pam_debug.so [auth=*value*] [cred=*value*] [acct=*value*] [prechauthtok=*value*] [chauthtok=*value*]
[auth=*value*] [open_session=*value*] [close_session=*value*]

DESCRIPTION

The pam_debug PAM module is intended as a debugging aide for determining how the PAM stack is operating. This module returns what its module arguments tell it to return.

OPTIONS

auth=*value*

The **pam_sm_authenticate(3)** function will return *value*.

cred=*value*

The **pam_sm_setcred(3)** function will return *value*.

acct=*value*

The **pam_sm_acct_mgmt(3)** function will return *value*.

prechauthtok=*value*

The **pam_sm_chauthtok(3)** function will return *value* if the **PAM_PRELIM_CHECK** flag is set.

chauthtok=*value*

The **pam_sm_chauthtok(3)** function will return *value* if the **PAM_PRELIM_CHECK** flag is **not** set.

open_session=*value*

The **pam_sm_open_session(3)** function will return *value*.

close_session=*value*

The **pam_sm_close_session(3)** function will return *value*.

Where *value* can be one of: success, open_err, symbol_err, service_err, system_err, buf_err, perm_denied, auth_err, cred_insufficient, authinfo_unavail, user_unknown, maxtries, new_authtok_reqd, acct_expired, session_err, cred_unavail, cred_expired, cred_err, no_module_data, conv_err, authtok_err, authtok_recover_err, authtok_lock_busy, authtok_disable_aging, try_again, ignore, abort, authtok_expired, module_unknown, bad_item, conv_again, incomplete.

MODULE TYPES PROVIDED

All module types (**auth**, **account**, **password** and **session**) are provided.

RETURN VALUES

PAM_SUCCESS

Default return code if no other value was specified, else specified return value.

EXAMPLES

```
auth requisite pam_permit.so
auth [success=2 default=ok] pam_debug.so auth=perm_denied cred=success
auth [default=reset] pam_debug.so auth=success cred=perm_denied
auth [success=done default=die] pam_debug.so
auth optional pam_debug.so auth=perm_denied cred=perm_denied
auth sufficient pam_debug.so auth=success cred=success
```

SEE ALSO

[pam.conf\(5\)](#), [pam.d\(5\)](#), [pam\(7\)](#)

AUTHOR

pam_debug was written by Andrew G. Morgan <morgan@kernel.org>.