

**NAME**

pam\_mkhomedir – PAM module to create users home directory

**SYNOPSIS**

**pam\_mkhomedir.so** [*silent*] [*debug*] [*umask=mode*] [*skel=skel\_dir*]

**DESCRIPTION**

The pam\_mkhomedir PAM module will create a users home directory if it does not exist when the session begins. This allows users to be present in central database (such as NIS, kerberos or LDAP) without using a distributed file system or pre-creating a large number of directories. The skeleton directory (usually /etc/skel/) is used to copy default files and also sets a umask for the creation.

The new users home directory will not be removed after logout of the user.

**OPTIONS****silent**

Don't print informative messages.

**debug**

Turns on debugging via **syslog(3)**.

**umask=mask**

The user file-creation mask is set to *mask*. The default value of mask is 0022.

**skel=/path/to/skel/directory**

Indicate an alternative skel directory to override the default /etc/skel.

**MODULE TYPES PROVIDED**

Only the **session** module type is provided.

**RETURN VALUES****PAM\_BUF\_ERR**

Memory buffer error.

**PAM\_PERM\_DENIED**

Not enough permissions to create the new directory or read the skel directory.

**PAM\_USER\_UNKNOWN**

User not known to the underlying authentication module.

**PAM\_SUCCESS**

Environment variables were set.

**FILES**

/etc/skel

Default skel directory

**EXAMPLES**

A sample /etc/pam.d/login file:

```
auth    requisite pam_securetty.so
auth    sufficient pam_ldap.so
auth    required pam_unix.so
auth    required pam_nologin.so
account sufficient pam_ldap.so
account required pam_unix.so
password required pam_unix.so
session required pam_mkhomedir.so skel=/etc/skel/ umask=0022
session required pam_unix.so
session optional pam_lastlog.so
session optional pam_mail.so standard
```

**SEE ALSO**

**pam.d(5)**, **pam(7)**.

**AUTHOR**

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