

NAME

pam_ck_connector - Register session with ConsoleKit

SYNOPSIS

pam_ck_connector.so [debug]

DESCRIPTION

The pam_ck_connector PAM module registers a login session with the system-wide *ConsoleKit* daemon. This PAM module should be used with caution; only local login managers such as **login(1)** should use this. Since the *ConsoleKit* daemon can accept both an **tty** and an X11 display the normal parameters set by PAM are not always useful.

An application can therefore override these with the PAM environment variables **CKCON_TTY**, **CKCON_X11_DISPLAY** and **CKCON_X11_DISPLAY_DEVICE** (the application should remember to unset these before starting the login session).

Also note that the *ConsoleKit* daemon may reject registration attempts if the given set of data are inconsistent with each other. More more information, see the *ConsoleKit* documentation on the **OpenSessionWithParameters()** method call on the **org.freedesktop.ConsoleKit.Manager** D-Bus interface.

If registration with the *ConsoleKit* daemon succeeds, this PAM module will set the environment variable **XDG_SESSION_COOKIE** which is used to defined membership of a login session.

This PAM module has the side effect that it creates a connection to the system message bus that is kept open until the session ends. This is used by the *ConsoleKit* daemon to track the life-cycle of the session and, as such, should the login manager crash, the session will be properly unregistered.

OPTIONS**debug**

Print debug information.

nox11

Do not create a session if PAM specifies an X11 display instead of a /dev/tty terminal.

SEE ALSO

pam.conf(5), **pam.d(8)**, **pam(8)**, **dbus-daemon(1)**

AUTHOR

pam_ck_connector was written by David Zeuthen <davidz@redhat.com>.