

**NAME**

`pam_echo` - PAM module for printing text messages

**SYNOPSIS**

`pam_echo.so` [`file=/path/message`]

**DESCRIPTION**

The `pam_echo` PAM module is for printing text messages to inform user about special things. Sequences starting with the `%` character are interpreted in the following way:

`%H`

The name of the remote host (PAM\_RHOST).

`%h`

The name of the local host.

`%s`

The service name (PAM\_SERVICE).

`%t`

The name of the controlling terminal (PAM\_TTY).

`%U`

The remote user name (PAM\_RUSER).

`%u`

The local user name (PAM\_USER).

All other sequences beginning with `%` expands to the characters following the `%` character.

**OPTIONS**

`file=/path/message`

The content of the file `/path/message` will be printed with the PAM conversion function as PAM\_TEXT\_INFO.

**MODULE TYPES PROVIDED**

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

**RETURN VALUES**

PAM\_BUF\_ERR

Memory buffer error.

PAM\_SUCCESS

Message was successful printed.

PAM\_IGNORE

PAM\_SILENT flag was given or message file does not exist, no message printed.

**EXAMPLES**

For an example of the use of this module, we show how it may be used to print information about good passwords:

password optional pam\_echo.so file=/usr/share/doc/good-password.txt

password required pam\_unix.so

**SEE ALSO**

[pam.conf\(8\)](#), [pam.d\(5\)](#), [pam\(7\)](#)

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