

## NAME

`pam_env` – PAM module to set/unset environment variables

## SYNOPSIS

**pam\_env.so** [*debug*] [*conffile=conf-file*] [*envfile=env-file*] [*readenv=0|1*] [*user\_envfile=env-file*]  
[*user\_readenv=0|1*]

## DESCRIPTION

The `pam_env` PAM module allows the (un)setting of environment variables. Supported is the use of previously set environment variables as well as *PAM\_ITEM*s such as *PAM\_RHOST*.

By default rules for (un)setting of variables are taken from the config file `/etc/security/pam_env.conf`. An alternate file can be specified with the *conffile* option.

Second a file (`/etc/environment` by default) with simple *KEY=VAL* pairs on separate lines will be read. With the *envfile* option an alternate file can be specified. And with the *readenv* option this can be completely disabled.

Third it will read a user configuration file (`$HOME/.pam_environment` by default). The default file file can be changed with the *user\_envfile* option and it can be turned on and off with the *user\_readenv* option.

Since setting of PAM environment variables can have side effects to other modules, this module should be the last one on the stack.

## OPTIONS

**conffile=***path/to/pam\_env.conf*

Indicate an alternative `pam_env.conf` style configuration file to override the default. This can be useful when different services need different environments.

**debug**

A lot of debug information is printed with `syslog(3)`.

**envfile=***path/to/environment*

Indicate an alternative environment file to override the default. The syntax are simple *KEY=VAL* pairs on separate lines. The *export* instruction can be specified for bash compatibility, but will be ignored. This can be useful when different services need different environments.

**readenv=***0|1*

Turns on or off the reading of the file specified by *envfile* (0 is off, 1 is on). By default this option is on.

**user\_envfile=***filename*

Indicate an alternative `.pam_environment` file to override the default. The syntax is the same as for `/etc/environment`. The filename is relative to the user home directory. This can be useful when different services need different environments.

**user\_readenv=***0|1*

Turns on or off the reading of the user specific environment file. 0 is off, 1 is on. By default this option is off.

## MODULE TYPES PROVIDED

The **auth** and **session** module types are provided.

## RETURN VALUES

**PAM\_ABORT**

Not all relevant data or options could be gotten.

**PAM\_BUF\_ERR**

Memory buffer error.

**PAM\_IGNORE**

No `pam_env.conf` and environment file was found.

**PAM\_SUCCESS**

Environment variables were set.

**FILES**

/etc/security/pam\_env.conf

Default configuration file

/etc/environment

Default environment file

\$HOME/.pam\_environment

User specific environment file

**SEE ALSO**

**pam\_env.conf(5)**, **pam.d(5)**, **pam(8)**, **environ(7)**.

**AUTHOR**

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