

ENV – Displays all environment variables

Env | grep varname – To look at a specific environment variable

Common Environment Variables

USER/USERNAME – Current user's username "whoami" displays this

SHELL – Shell your user is working as. Bash is most common

TERM – Current Terminal

PS1 – Default bash prompt. Can include variables (more in "man bash")

- **\h** hostname
- **\w** current working directory
- **\u** username
- **\@** 12 hour am/pm date
- **\t** 24 hour hh:mm:ss
- **\T** 12 hour hh:mm:ss
- **\j** number of jobs running on the shell
- **\d** date (day of week, month, day of month)
- **\H** full hostname "hostname.domain.com"
- **\\$**

HOME – Users home directory path

LD_LIBRARY_PATH – Directory in which libraries are found and bin executable files are located

HOSTNAME – System hostname

PWD – Current working directory

EDITOR – Default editor when the system opens files

MAIL – Holds the location of the users mail spool

Aliases

Aliases are used to create shortcuts to commands on your system. Unless set in a bash configuration file aliases are destroyed or lost when you logout of your shell session.

- Example: alias syslog="tail -f /var/log/syslog"
 - Typing syslog at the command prompt will invoke the tail -f command on /var/log/syslog.

Global shell configuration files

/etc/profile
/etc/profile.d
/etc/bashrc
/etc/bash.bashrc

User configuration files

~/.bash_login
~/.profile
~/.bash_profile
~/.bashrc
~/.bash_logout

/etc/skel – Contents of this directory are copied to new users directories when the new user is created.

Custom Command Prompts – Edit PS1 Environment variable

\e[- Indicates the beginning of color prompt

x;ym - Indicates color code.

\e[m - indicates the end of color prompt

**example: export PS1="\e[37m\] \u \e[m\] **

\e[37m\] – Opens color or the username **\e[37m\]** closes color

Bash Color Codes:

Black 0;30

Dark Gray 1;30

Blue 0;34

Light Blue 1;34

Green 0;32

Light Green 1;32

Cyan 0;36

Light Cyan 1;36

Red 0;31

Light Red 1;31

Purple 0;35

Light Purple 1;35

Brown 0;33

Yellow 1;33

Light Gray 0;37

White 1;37

Note: replace 0 with 1 to make it a dark color