

# Bloque1 Rubrica 2: Variables de entorno y alias

1) haga que se muestren la lista de todas las variables de entorno

## printenv

```
jonathan@jonathan: ~  
jonathan@jonathan: ~ 96x24  
~$ printenv  
XDG_SEAT_PATH=/org/freedesktop/DisplayManager/Seat0  
XDG_CONFIG_DIRS=/etc/xdg/lubuntu:/etc/xdg/xdg-Lubuntu:/etc/xdg  
LANG=es_ES.UTF-8  
DISPLAY=:0  
SHLVL=1  
LOGNAME=jonathan  
LANGUAGE=es_ES  
MANDATORY_PATH=/usr/share/gconf/Lubuntu.mandatory.path  
PWD=/home/jonathan  
XAUTHORITY=/home/jonathan/.Xauthority  
XDG_GREETER_DATA_DIR=/var/lib/lightdm-data/jonathan  
QT_QPA_PLATFORMTHEME=lxqt  
COLORTERM=truecolor  
XDG_SESSION_ID=c1  
XDG_VTNR=7  
DESKTOP_SESSION=Lubuntu  
XDG_SESSION_DESKTOP=Lubuntu  
GDMSESSION=Lubuntu  
DEFAULTS_PATH=/usr/share/gconf/Lubuntu.default.path  
DBUS_SESSION_BUS_ADDRESS=unix:path=/run/user/1000/bus  
TERMINATOR_UUID=urn:uuid:d677fee5-6910-43fc-a250-d6e89d18cc0e  
VTE_VERSION=5201  
XDG_DATA_DIRS=/etc/xdg/lubuntu:/usr/local/share:/usr/share:/usr/share/gdm:/var/lib/menu-xdg:/usr
```

2) Haga que se muestre la lista de las variables de entorno exportadas

## export

```
jonathan@jonathan: ~  
jonathan@jonathan: ~ 96x24  
~$ export  
COLORTERM=truecolor  
DBUS_SESSION_BUS_ADDRESS='unix:path=/run/user/1000/bus'  
DEFAULTS_PATH=/usr/share/gconf/Lubuntu.default.path  
DESKTOP_SESSION=Lubuntu  
DISPLAY=:0  
GDMSESSION=Lubuntu  
GDM_LANG=es_ES  
GPG_AGENT_INFO=/run/user/1000/gnupg/S.gpg-agent:0:1  
GTK_OVERLAY_SCROLLING=0  
HOME=/home/jonathan  
JAVA_HOME=/home/jonathan/SDK/JDK/jre1.8.0_191  
JAVA_OPTIONS=' -agentpath:/lib/libjrebel64.so -Xmx4096m -Xms4096m'  
LANG=es_ES.UTF-8  
LANGUAGE=es_ES  
LC_CTYPE=en_US.UTF-8  
LESS=-R  
LOGNAME=jonathan  
LS_COLORS=Gxfxcxdxbxegedabagacad  
LS_COLORS='rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.tlz=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.Z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.tzst=01;31:*.bz2=01;31:*.bz=01;31:*.t
```

3) Haga que se muestre el valor de las variables de entorno **PATH** y **HOME**

#### printenv PATH

```
jonathan@jonathan: ~  
jonathan@jonathan: ~ 96x24  
~> printenv PATH  
/tools:/platform-tools:/tools/bin:/bin:/home/jonathan/SDK/JDK/jre1.8.0_191/bin:/bin:/bin:/bin:/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games  
~>
```

#### printenv HOME

```
jonathan@jonathan: ~  
jonathan@jonathan: ~ 96x24  
~> printenv HOME  
/home/jonathan  
~>
```

4)

- a) Cree un alias p que se corresponda con el comando **ps -ef | more**

**alias p="ps -ef | more"**

```
jonathan@jonathan: ~  
jonathan@jonathan: ~ 96x24  
~> alias p="ps -ef | more"  
~>
```

- b) pruebe el alias y despues destrúyalo

```
ps -ef | more  
ps -ef | more 96x24  
~> alias p="ps -ef | more"  
~> p  
UID      PID  PPID  C  STIME TTY          TIME CMD  
root      1      0  0  16:36 ?        00:00:01 /sbin/init splash  
root      2      0  0  16:36 ?        00:00:00 [kthreadd]  
root      4      2  0  16:36 ?        00:00:00 [kworker/0:0H]  
root      6      2  0  16:36 ?        00:00:00 [mm_percpu_wq]  
root      7      2  0  16:36 ?        00:00:00 [ksoftirqd/0]  
root      8      2  0  16:36 ?        00:00:02 [rcu_sched]  
root      9      2  0  16:36 ?        00:00:00 [rcu_bh]  
root     10      2  0  16:36 ?        00:00:00 [migration/0]  
root     11      2  0  16:36 ?        00:00:00 [watchdog/0]  
root     12      2  0  16:36 ?        00:00:00 [cpuhp/0]  
root     13      2  0  16:36 ?        00:00:00 [cpuhp/1]  
root     14      2  0  16:36 ?        00:00:00 [watchdog/1]  
root     15      2  0  16:36 ?        00:00:00 [migration/1]  
root     16      2  0  16:36 ?        00:00:00 [ksoftirqd/1]  
root     18      2  0  16:36 ?        00:00:00 [kworker/1:0H]  
root     19      2  0  16:36 ?        00:00:00 [cpuhp/2]  
root     20      2  0  16:36 ?        00:00:00 [watchdog/2]  
root     21      2  0  16:36 ?        00:00:00 [migration/2]  
root     22      2  0  16:36 ?        00:00:00 [ksoftirqd/2]  
root     24      2  0  16:36 ?        00:00:00 [kworker/2:0H]  
root     25      2  0  16:36 ?        00:00:00 [cpuhp/3]
```

```
jonathan@jonathan: ~  
jonathan@jonathan: ~ 96x24  
unalias p
```

- c) haga que este alias sea permanente

**En el zshrc se pone el comando alias p="ps -ef | more"**

**Despues, wq para salir y guardar**

**Ya esta guardado**

```
sudo nvim ~/.zshrc  
sudo nvim ~/.zshrc 96x24  
1 .zshrc  
4 # plugins, and themes. Aliases can be placed here, though oh-my-zsh  
3 # users are encouraged to define aliases within the ZSH_CUSTOM folder.  
2 # For a full list of active aliases, run `alias`.  
1 #  
98 # Example aliases  
1 # alias zshconfig="mate ~/.zshrc"  
2 # alias ohmyzsh="mate ~/.oh-my-zsh"  
3  
4 alias i="sudo apt-get install"  
5 alias c="clear"  
6 alias update="sudo apt-get update"  
7 alias upgrade="sudo apt-get upgrade"  
8 alias zshrc="sudo nvim ~/.zshrc"  
9 alias vim="nvim"  
10 alias google="chromium-browser"  
11 alias cd HDD="cd .. && cd .. && cd media/jonathan/HDD"  
12 alias p="ps -ef | more"  
13  
14 #export CMAKE_HOME="$HOME/TOOLS/cmake/cmake-3.8.0-Linux-x86_64/"  
15 export JAVA_HOME="$HOME/SDK/JDK/jre1.8.0_191"  
16 #export SCALA_HOME="$HOME/TOOLS/scala-2.11.7"  
1 * 4.5k .zshrc zsh | utf-8 98:17 90%  
:wq
```