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FreeBSD Display Environment Settings

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Q. How do I display shell environment settings under FreeBSD operating systems?

A. Use the env utility to print or modify environment settings. It executes another utility after modifying the environment as specified on the command line. Each name=value option specifies the setting of an environment variable, name, with a value of value. All such environment variables are set before the utility is executed.



[1]

Task: Display Environment Settings

Type the following command:

```
$ env
```

Sample output:

```
USER=vivek
LOGNAME=vivek
HOME=/iscsi/home/vivek
MAIL=/iscsi/home/vivek/mail
TERM=xterm
FTP_PASSIVE_MODE=YES
BLOCKSIZE=K
SHELL=/bin/csh
HOSTTYPE=FreeBSD
VENDOR=unknown
OSTYPE=FreeBSD
MACHTYPE=unknown
SHLVL=1
PWD=/tmp
GROUP=admins
HOST=pub.nixcraft.in
EDITOR=vi
PAGER=more
```

Task: Set new environment variable

Simply use set command:

```
$ set VAR=VALUE
$ set X = 5
$ set vech=Car
# set path = (/sbin /bin /usr/sbin /usr/bin /usr/games /usr/local/sbin /usr/local/bin
$HOME/bin)
```

You can also use setenv command:

```
$ setenv EDITOR vim
$ setenv PAGER less
```

.cshsrc file

You can add all variable to ~/.cshrc file under csh shell which is read at beginning of execution by each shell.

```
$ vi ~/.cshrc
```

Sample file:

```
alias h      history 25
alias j      jobs -l
alias la     ls -a
alias lf     ls -FA
alias ll     ls -lA

umask 22

set path = (/bin /usr/bin /usr/games /usr/local/sbin /usr/local/bin $HOME/bin)

setenv EDITOR vim
setenv PAGER less
setenv BLOCKSIZE K

if ($?prompt) then
    # An interactive shell -- set some stuff up
    set prompt = "`/bin/hostname -s`$ "
    set filec
    set history = 100
    set savehist = 100
    set mail = (/var/mail/$USER)
    if ( $?tcsh ) then
        bindkey "^W" backward-delete-word
        bindkey -k up history-search-backward
        bindkey -k down history-search-forward
    endif
endif
endif
```

Task: View environment variable value

Use echo command, enter:

```
$ echo $PATH
$ echo $X
```

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