

netstat

`netstat -atnup` My all time classic, see below for details.

`netstat -an | grep ESTABLISHED | awk '{print $5}' | awk -F: '{print $1}' | sort | uniq -c | awk '{ printf("%s-\t%s\t", $2, $1) ; for (i = 0; i < $1; i++) { printf(" *"); } print "" }'` Graph the number of connections for each host

a: Show both listening and non-listening,
t: Show TCP,
n: Show numerical addresses instead of trying to determine symbolic host, port or user names,
u: Show UDP,
p: Show the PID and name of the program to which each socket belongs.

tailf

`tailf <file>` Output the last 10 lines of a file

`tailf -n 5 <file>` Output the last 5 lines of a file

You have to use tail if you want to follow more than one file:

```
tail -f /var/log/tomcat/foobar.log -f /var/log/-catalina.out
```

df

`df -h` Show filesystem usage in human-friendly format

`df -i` Show inode usage

`df -l` List only local filesystems (don't list NFS or SAMBA mounts)

More info about inodes: Check this doc !

iostat

`iostat -x 5` Display full statistics for every filesystem, refresh every 5 seconds

The first report line provides statistics concerning the time since the system was started.

top

`top` Display Linux tasks

`top -p $(pgrep -d , foobar)` Monitor processes with the same name fragment 'foobar'

Some interactive commands

h: display help

c: toggle between process name only / full command line

u: show the processes for a specific user only

n: display a maximum of n processes

k: kill a process

H: show threads (also called Light Weight Processes)

z: toggle between monochrome and color display

ps

`ps -ef` See every process on the system

`ps -ejH` Print a process tree

`ps -eLf` Get info about threads

`ps -C java -o pid=` Print only the process IDs of apache tomcat

`ps -o nlwp <PID>` Show the threads (Light Weight Processes) associated to a PID.

Shell keyboard shortcuts

`Ctrl + a` Jump to the beginning of the line (←)

`Ctrl + e` Jump to the end of the line (→)

`Ctrl + l` Clears the screen

`Ctrl + r` Lookup a command in history

`Alt + .` Recalls last argument.



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