# Linux

## Bash

* Create a file with a specific type : mknode
* realpath ~ readlink -e
* How to know the last mounted USB : ls -lrt /dev/sd\* | tail -1
* Get Current date :

currentDate=$(date +%Y%m%d\_%H%M%S)

* Converte timestamp to date : date -d @<timestamp>
* Extract lines from a huge file :

sed -n ' <line start>,<line end>q' <full file> > <extractFile>

## Git

* Revenir au dépôt brut : git clean -xfd
* Half-GUI git tool : tig

## Network

* Listen to a tcp port : nc -l <port>
* send data to a tcp port : echo "data" | nc <ip> <port>
* Listen to a udp port : nc -lu <port>
* send data to a udp port : echo "data" | nc -u <ip> <port>
* How to know if a port is in use or not : lsof -i | grep <port>

## Compilation

* Get the symbols from a compiled file : strings
* Get the libraries needed for an executable : ldd

## Misc

* Know the version of the OS : cat /etc/<os name>
* Know glibc used by rpmbuild : rpm -q glibc
* List all dependancies of a rpm : rpm -qpR <rpm file>
* Know the list of installed paquets : yum list installed
* Know the list of repositories available : yum repolist all
* Know the content of a tar : tar -tf <file>
* Allow to mount usb key : modprobe usb-storage
* how to demangle function name in GDB :

maint demangle \_ZSlsI1char\_traitsIcE3basic\_ostreamIcT\_S5\_Kc

* Search for a package name from a software name :

sudo apt-cache search <name>

* Documentation path : /usr/share/doc/cpp
* List all permanent mountpoints : less /etc/fstab
* List all current mountpoints : less /etc/mtab
* Measure the execution time of a command : time <command>
* Assign a command on a specific CPU :

tasket 0x<cpunumber> <command>

* get information about the CPU :
  + lscpu or
  + cat /proc/cpuinfo
* Get the size of a file (scriptable) : wc -c <file>

## Sonar

* launch sonar :

sonar-scanner -Dsonar.host.url=http://ip:port \

-Dsonar.sources=. \

-Dsonar.projectKey=<projectKey>

### Qwerty --> azerty

* From console : loadkeys fr
* From graphic user interface console : setxkbmap -layout fr

## VIM

* Exit from a CTRL + S : CTRL + Q
* Dir diff inside vim : https://github.com/will133/vim-dirdiff

### Compare files in vim : vimdiff file1 fil2

* Next diff ]c
* Previous diff [c
* get opposed line do
* push to opposed line dp

# Windows

... Hope this will remain empty =)

# Others

## Dependency Managers

* archiva
* sonatype nexus
* artifactory