LINUX COMMANDS

cmd(-o_ ...) -o represente une option et _ ... est un rappel
mémoire rapide à ne pas inclure dans une vraie commande

whereis, **which**, **whatis**, **type**, **who**, **whoami**, **w**
man (-a,-k(apropos),-f(whatis)); **info**; --**help**; **less**; **more**;

pwd, **echo**(-n_ewline,-e_xpression), **cat(**-b_lank=-n_umber+_,-s_queezeblank,
-a,e_nds,-t_abs,-v), **ls**(-a,-l,-d(dir=~file),-{N},-S_ize,-t_ime,L_ink,-R_ecurse),
cd, **mkdir**(-p), **rmdir**, **rm** (-r_ecurse,-f_orce,-i), **touch**, **dirname**, **basename**, **file**,
chmod[augo+-=rwx], **umask**, **cp**(-r_ecurse,-T(dir=f),-f_orce≠-i,-v_erb),
mv (--target-directory, -f_orce≠-i), **ln -s**, **du**(-h_uman,-s_um), **df**(-h_uman),
read(-p($)'text',-s_ecret,-a,-d,-n_umber,-t_imeout), **mktemp**
<--->
ps(-A,-C_md,u_ser,f,o{n}), (h)**top**(d_elay,k_ill), **jobs**, **bg**, **fg**, **free**(-s/c{N},h),
kill(1HUP,2ntrupt,9kill,15ter,18CONT,19stop,20, -l)
<--->
declare(-r), **let** expr, $(python -c "print(...)), **awk** -F ' ... ' {C expr},
watch(-n,-d,-g) **nohup**, **tee**, **bc**, **lpr**, **diff**, **eval**
source, **export**, **trap**, **wait**, **suspend**, **sleep**, **time**, **date**, **logout**
dd if=path of=path bs=nSize count=n
<--->
.(e-f)grep(-E,-e(-),-i,-v_erse,-c_ount,-l(file),-n_umerote,-q_uiet,-s_err,-o,-w_ord,-x),
.find \<path>\<critere>\<cmd> (-(i)name, -prune, -exec {} \;)
   • -o(or), -type f/d(file/dir), -size +{N}, -m/a/ctime or
   • min -{N}, -user "name", -perm {N}; !(except this)
   • find ... print0 | **xargs** -0 \<cmd>
.locate(-r_exgex,-i,-b_asename,-c_ount,-v_erbose)
.sed(-r,-n,-e cmd,-i,-f file) ; cmd ⟶
   • d_elete, p_rint, s_ubstitute, a_ppend, i_nsert, c_hange, n(skip), w_rite file
   • y/src/dest(~tr), q_uit, \= n°ligne
   • adress → {n}, {n,m}, {n~m}, $(last line), /motif/, (adr1/,/adr2), adress!
<--->
wc(-c_har,-w_ord,-l_ine), **head**(-n -{}), **tail**(+-{}), **tr**((-c_omplement)-d_elete,
-s_queeze), **cut** (-d_elimiter, -f_ield, -c_har, --complement/output-delimiter),
sort(-t$, -k{deb,fin}, -n_umerical, -r_everse, -u_niq,-g,-R_andom),
uniq(-d_uplicated,-u_nique,-c_ount,-i_gnorecase,-f_ield/s(char)/w(lim){}), **seq**{n}
<--->
g(un)zip, **(un)zip**, **(un)compress**, **xz**, **tar** (-c_reate,-x_tract,-z_ip,-v,-f,-t(show))
<--->
(un)set(-x), **shift**, $*, $@, $#, $$, $PPID, $!, $?, $(cmd), $((calc))
>, >>, <, <<EOF, **<<<**"str", 0(in), 1(out), 2(err), **&**(duplication)
echo "str" | cmd ⟺ cmd <<< str ; cat file | cmd ⟺ cmd < file
<--->
VAR=$(cmd)=`cmd`; en fin de ligne un **** ↔ ignorer le saut de ligne
cmd {N} ↔ **cmd n.** On a aussi cmd n0,n1, ... nx et cmd n0-nx
${#VAR}, ${VAR:off:len}, ${VAR:-(=)valeur}, ${VAR%<d>*}, ${VAR#*d}, ${VAR/a/b}, ^,
','
{A..Z} {0..N} {C1,C2, ... ,CN}

<u>**TEST**</u> **:**   Expr → **-a, -o, !, ||, &&**
          Chaine → **-n,-z,=,≠, <,>,=~**
          Int → **-eq,-ne,-ge,-gt,-le,-lt, $((calc))**
          File → **-e,-d,-f,-s,-r,-w,-x,-nt,-ot**
<--->
ncdu, **uname**(-a), **lshw**(--short), **lscpu/blk**, **lsusb**, **compgen (-c_md,b_uiltin,a_lias,**
k_eyword, -A function), **printenv**
update-alternatives (--config, install), **sudo**, **apt**, **apt-get**, **aptitude**, **pip**
true false