

DIR [path] [/A:attrib] [/O:sort] [opt]

path display specific folder (c:\...)
/A :H(iden) :D(folder) :A(ll)...
/O :N :S :E(xt) :D(ate)
options /S(all sub fold)/B(que le nom)

DIR abcd* /s /b

search for filename starting with abcd in current and all subs & display path only

DIR *abcd* /s /b

search for filenames containing abcd in current and all subs & display path only

DIR *.bat search for *.bat files

ATTRIB [+attr | -attr] [path]file [opt]

DIR-like qui display les fichiers + leurs attrib.

ATTRIB display [Attribs] [path of file]
[+X | -X] set attrib: R(eadOnly),H(idden)
/S set matching file in current and all sub fol
/D process folder as well

TYPE [PATH]random.txt (MORE)

Display text file .txt .py .c ...
MORE is TYPE in better

MD nomfichier (MKDIR)

Crée un nouveau fichier
MD do re mi crée ces 3 fichier dans le CD
MD [path]re crée le fichier re dans [path]
MD crée l'arbo ..\do\re\mi
\do\re\mi

RD nomfichier (RMDIR)

Delete folder
RD \do\re\mi del mi in ..\do\re\mi
RD /S \do after asking, del folders tree

COPY (files not folders)

COPY = Copy & past

COPY src.doc newfile.doc

Copy a file in the current folde

COPY src.txt c:\somewhere\else\new.txt

Copy from location to smhr else

COPY c:\temp\src.txt c:\doc\new.txt

Copy from some folder to another folder

COPY c:\mywork*.doc

Copy all the *.doc into current directory

COPY d:\work\oldfile.wp

Copy to current, keep smpe fname

COPY "c:\bull shit\calu ca va.txt"

If spaces in names use quotes " "

DEL [path]file

Delete one or more files
DEL [path]\do.txt del do.txt in [path]
DEL [path]\do.txt [path]\re.txt [path]\mi.txt
del do.txt, re.txt and mi.txt (can be != loc)
DEL /S c:\test del all files in ..\test

MOVE (folders or file)

MOVE = cut & past

MOVE oldfile.wp newfile.doc

In the current folde

MOVE c:\temp\old.wp c:\work\new.doc

from specific place to antoher

MOVE (folders or file) (cont)

MOVE c:\temp\oldfile.wp

move the file to current (keep same fname)

create/manip text files (txt,py,c...)

type NUL>ne- make empty new txt
w.txt file
echo bla>new.txt make new.txt with bla
echo bla>>old.txt add "bla" to old.txt

SET

Display, set or remove CMD env var.
Changes made with SET will remain only for the duration of the current CMD session.

c:\>SET var=poke
c:\>echo %var%

poke

c:\>SET var=c:\test
c:\>echo %var%

c:\test

c:\>cd %var%
c:\test>_

/A=opérations

SET /A nb=3

SET /A nb=%nb%+1
echo %nb% → 4

/P=prompt user

SET /P var=[prompt string]

divers:

SET var=one two OK

Redirection

cmd > filename redirect cmd output>file
dir>new.txt

cmd >> filename append into a file

cmd < filename
sort<rand.txt sort file & print result

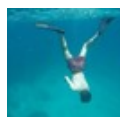
cmdA & cmdB run cmdA then cmdB

cmdA && cmdB

run cmdA, if it succeeds then run cmdB

cmdA || cmdB

run cmdA, if it fails then run cmdB



Redirection (cont)

cmdA && cmdB || cmdC

If cmdA succeeds run cmdB, if it fails cmdC

Arguments/Parametres (batch)

Utile pour les scripts avec paramètres

c:\>printVar.bat **viande rouge**

viande rouge

c:\>_

le fichier batch contient:

set arg1=%1

set arg2=%2

echo %arg1% %arg2%

%0-9

Comparaisons

NEQ (!=)

EQU (==)

LSS (<)

LEQ (<=)

GTR (>)

GEQ (>=)

Divers

REM comment... comment

date /t display date

time /t display time

cls clear screen

@echo off turn off print of each
(batch) line

set /A n=%random% %%100 +1

n=random n [1;100]

FINDSTR

FINDSTR "Joe" Contacts.txt

recherche la str **Joe** dans *Contacts.txt*

FINDSTR /C:"Joe Poulet" Contacts.txt

"/C:" n'est pas une adresse c'est une option
(inclue l'espace dans la recherche de str)

FINDSTR /S /I "work" *.*

search in every file and filename in current
and subs for the word **work**

OPTIONS: /S(search in subs) **/I**(ignore
case)

/A:2f (filenames in colour (2f is the colour))

Precurseurs

setlocal EnableDelayedExpansion

set i=2

echo %elem{%i}%

Doesn't give the desired result because it
means: show the value of the elem
[variable, followed by i, followed by the
value of the] variable. To solve this
problem you must use Delayed Expansion:
Enclose index variables in percent symbols,
and enclose the array elements in exclamation
marks:

set elem[1]=First element

set elem[2]=Second one

set elem[3]=The third one

set i=2

echo !elem[%i]!

setlocal EnableExtensions

ex1 creevar.bat [nomvar] [valvar]

@echo off

setlocal Enable Del aye dEx -
pansion

if " 2"== " " goto erreur

set %1==%2

goto reussi

:erreur

echo parametre manquant

goto fin

:reussi

echo variable definie

set%1

echo la variable %1 est

definie et vaut !%1!

:fin

ex2 loop print liste

@echo off

for /L %i IN (1,1,10) do echo
%i

ex3 affiche nombres entre 1 et N

@echo off

:debut

set /P saisie =nombre

plus grd que 0 svp:

set /A valeur =%s aisie%

if %valeur% LEQ 0 goto

erreur

for /L %i IN (1,1,% -

val eur%) DO echo %i

goto fin

:erreur

echo plus grd que 0

goto debut

:fin

ex 4 guess number

@echo off

set /A n=%random% %%100 + 1

set essais=0

:boucle

echo. //empty line

set /A essais =es sais+1

set /P m="[%es sais%] nb

entre 1 et 100:"

if %m%==%n% goto trouve

if %m%==[?] goto abandon

if %m%LSS%n% echo %m%

trop petit

if %m%GTR%n% echo %m%

trop grd

goto boucle

:trouve

echo gg %m% est la bonne

reponse

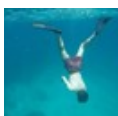
goto fin

:abandon

echo Abandon. Le nm

etait: %n%

:fin



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Ex 5 disp nb entre 1 et n^{carre}&cube

```
@echo off
setlocal EnableDelayedExpansion
set /P saisie=n plus grd que 0:
set /A valeur =%saisie%
if %valeur% LEQ 0 goto erreur
for /L %%i in (1,1,%valeur%)
do (
    set /a carre=%%i * %%i
    set /a cube=!carre! * %%i
    echo %%i !carre! !cube!
)
goto fin
:erreur
    echo un nb + grd que 0
    goto debut
:fin
```

ex6 tri d'une série de mots

```
@echo off
setlocal EnableDelayedExpansion
setlocal EnableExtensions
echo "Explications"
set nombre_mots=1
if exist mots.txt del mots.txt
:saisie
    set mots=
    set /P mots="[ %no mbr -
e_mots%] "
    if " %mots% " == " "
    goto fin_saisie
    echo %mots% >> mots.txt
    set /A nombre_mots=
nombre_mots+1
    goto saisie
:fin_saisie
    echo.
    echo ===Liste entree au
clavier===
```

ex6 tri d'une série de mots (cont)

```
> type mots.txt
echo ===Liste triee=====
sort mots.txt
echo ===Liste triee inv =====
sort /r mots.txt
```

ex7 recherche avancée en fonction param à l'exec

```
setlocal EnableDelayedExpansion
setlocal EnableExtensions
echo Ligne de commande: %0 %*
if " %2" == "" goto erreur_Param
//verification para
if " %1" == "" goto erreur_Param
//''
set dossier=%1
if exist %dossier%NUL goto
dossier_e_xiste
set dossier_r=%1\
if exist %dossier%NUL goto
dossier_e_xiste
goto erreur_dossier
:dossier_existe
    echo Scanning ...
    dir /S /B %dossier%^%2
>liste.txt
    echo Repertoire:
%dossier%
    echo Fichier: %2
    Liste des fichiers
trouves:
    type liste.txt
    echo Nombre de fichiers:
    type liste.txt | find /C
/V " "
    goto fin
:erreur_dossier
    echo %1 n'existe pas
    goto fin
:erreur_param
    echo Parametres manquants
    goto fin
:fin
```

