

## An A-Z Index of the Windows CMD command line

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### a

ADDUSERS Add or list users to/from a CSV file  
ARP Address Resolution Protocol  
ASSOC Change file extension associations•  
ASSOCIAT One step file association  
ATTRIB Change file attributes

### b

BCDBOOT Create or repair a system partition  
BOOTCFG Edit Windows boot settings  
BROWSTAT Get domain, browser and PDC info

### c

CACLS Change file permissions  
CALL Call one batch program from another•  
CD Change Directory - move to a specific Folder•  
CHANGE Change Terminal Server Session properties  
CHKDSK Check Disk - check and repair disk problems  
CHKNTFS Check the NTFS file system  
CHOICE Accept keyboard input to a batch file  
CIPHER Encrypt or Decrypt files/folders  
CleanMgr Automated cleanup of Temp files, recycle bin  
CLEARMEM Clear memory leaks  
CLIP Copy STDIN to the Windows clipboard.  
CLS Clear the screen•  
CLUSTER Windows Clustering  
CMD Start a new CMD shell  
CMDKEY Manage stored usernames/passwords  
COLOR Change colors of the CMD window•  
COMP Compare the contents of two files or sets of files  
COMPACT Compress files or folders on an NTFS partition  
COMPRESS Compress individual files on an NTFS partition  
CON2PRT Connect or disconnect a Printer  
CONVERT Convert a FAT drive to NTFS.  
COPY Copy one or more files to another location•  
CSCcmd Client-side caching (Offline Files)  
CSVDE Import or Export Active Directory data

### d

DATE Display or set the date•  
DEFRAG Defragment hard drive  
DEL Delete one or more files•  
DELPROF Delete NT user profiles  
DELTREE Delete a folder and all subfolders  
DevCon Device Manager Command Line Utility  
DIR Display a list of files and folders•

DIRUSE Display disk usage  
DISKCOMP Compare the contents of two floppy disks  
DISKCOPY Copy the contents of one floppy disk to another  
DISKPART Disk Administration  
DNSSTAT DNS Statistics  
DOSKEY Edit command line, recall commands, and create macros  
DSACLs Active Directory ACLs  
DSAdd Add items to active directory (user group computer)  
DSGet View items in active directory (user group computer)  
DSQuery Search for items in active directory (user group computer)  
DSMod Modify items in active directory (user group computer)  
DSMove Move an Active directory Object  
DSRM Remove items from Active Directory

e

ECHO Display message on screen•  
ENDLOCAL End localisation of environment changes in a batch file•  
ERASE Delete one or more files•  
EVENTCREATE Add a message to the Windows event log  
EXIT Quit the current script/routine and set an errorlevel•  
EXPAND Uncompress files  
EXTRACT Uncompress CAB files

f

FC Compare two files  
FIND Search for a text string in a file  
FINDSTR Search for strings in files  
FOR /F Loop command: against a set of files•  
FOR /F Loop command: against the results of another command•  
FOR Loop command: all options Files, Directory, List•  
FORFILES Batch process multiple files  
FORMAT Format a disk  
FREEDISK Check free disk space (in bytes)  
FSUTIL File and Volume utilities  
FTP File Transfer Protocol  
FTYPE Display or modify file types used in file extension associations•

g

GLOBAL Display membership of global groups  
GOTO Direct a batch program to jump to a labelled line•  
GPUPDATE Update Group Policy settings

h

HELP Online Help

i

iCACLS Change file and folder permissions  
IF Conditionally perform a command•  
IFMEMBER Is the current user in an NT Workgroup  
IPCONFIG Configure IP

- k
- KILL Remove a program from memory
- l
- LABEL Edit a disk label
  - LOCAL Display membership of local groups
  - LOGEVENT Write text to the NT event viewer
  - LOGMAN Manage Performance Monitor
  - LOGOFF Log a user off
  - LOGTIME Log the date and time in a file
- m
- MAPISEND Send email from the command line
  - MBSAcli Baseline Security Analyzer.
  - MEM Display memory usage
  - MD Create new folders•
  - MKLINK Create a symbolic link (linkd)
  - MODE Configure a system device
  - MORE Display output, one screen at a time
  - MOUNTVOL Manage a volume mount point
  - MOVE Move files from one folder to another•
  - MOVEUSER Move a user from one domain to another
  - MSG Send a message
  - MSIEXEC Microsoft Windows Installer
  - MSINFO Windows NT diagnostics
  - MSTSC Terminal Server Connection (Remote Desktop Protocol)
  - MV Copy in-use files
- n
- NET Manage network resources
  - NETDOM Domain Manager
  - NETSH Configure Network Interfaces, Windows Firewall & Remote access
  - NETSVC Command-line Service Controller
  - NBTSTAT Display networking statistics (NetBIOS over TCP/IP)
  - NETSTAT Display networking statistics (TCP/IP)
  - NOW Display the current Date and Time
  - NSLOOKUP Name server lookup
  - NTBACKUP Backup folders to tape
  - NTRIGHTS Edit user account rights
- o
- OPENFILES Query or display open files
- p
- PATH Display or set a search path for executable files•
  - PATHPING Trace route plus network latency and packet loss
  - PAUSE Suspend processing of a batch file and display a message•
  - PERMS Show permissions for a user
  - PERFMON Performance Monitor
  - PING Test a network connection
  - POPD Restore the previous value of the current directory saved by PUSH•

PORTQRY Display the status of ports and services  
POWERCFG Configure power settings  
PRINT Print a text file  
PRINTBRM Print queue Backup/Recovery  
PRNCNFG Display, configure or rename a printer  
PRNMNGR Add, delete, list printers set the default printer  
PROMPT Change the command prompt•  
PsExec Execute process remotely  
PsFile Show files opened remotely  
PsGetSid Display the SID of a computer or a user  
PsInfo List information about a system  
PsKill Kill processes by name or process ID  
PsList List detailed information about processes  
PsLoggedOn Who's logged on (locally or via resource sharing)  
PsLogList Event log records  
PsPasswd Change account password  
PsService View and control services  
PsShutdown Shutdown or reboot a computer  
PsSuspend Suspend processes  
PUSHD Save and then change the current directory•

q

QGREP Search file(s) for lines that match a given pattern.

r

RASDIAL Manage RAS connections  
RASPHONE Manage RAS connections  
RECOVER Recover a damaged file from a defective disk.  
REG Registry: Read, Set, Export, Delete keys and values  
REGEDIT Import or export registry settings  
REGSVR32 Register or unregister a DLL  
REGINI Change Registry Permissions  
REM Record comments (remarks) in a batch file•  
REN Rename a file or files•  
REPLACE Replace or update one file with another  
RD Delete folder(s)•  
RMTSHARE Share a folder or a printer  
ROBOCOPY Robust File and Folder Copy  
ROUTE Manipulate network routing tables  
RUN Start | RUN commands  
RUNAS Execute a program under a different user account  
RUNDLL32 Run a DLL command (add/remove print connections)

s

SC Service Control  
SCHTASKS Schedule a command to run at a specific time  
SCLIST Display NT Services  
SET Display, set, or remove environment variables•  
SETLOCAL Control the visibility of environment variables•

SETX Set environment variables permanently  
SFC System File Checker  
SHARE List or edit a file share or print share  
SHIFT Shift the position of replaceable parameters in a batch file•  
SHORTCUT Create a windows shortcut (.LNK file)  
SHOWGRPS List the NT Workgroups a user has joined  
SHOWMBRS List the Users who are members of a Workgroup  
SHUTDOWN Shutdown the computer  
SLEEP Wait for x seconds  
SLMGR Software Licensing Management (Vista/2008)  
SOON Schedule a command to run in the near future  
SORT Sort input  
START Start a program or command in a separate window•  
SU Switch User  
SUBINACL Edit file and folder Permissions, Ownership and Domain  
SUBST Associate a path with a drive letter  
SYSTEMINFO List system configuration

t

TASKLIST List running applications and services  
TASKKILL Remove a running process from memory  
TIME Display or set the system time•  
TIMEOUT Delay processing of a batch file  
TITLE Set the window title for a CMD.EXE session•  
TLIST Task list with full path  
TOUCH Change file timestamps  
TRACERT Trace route to a remote host  
TREE Graphical display of folder structure  
TYPE Display the contents of a text file•  
TypePerf Write performance data to a log file

u

USRSTAT List domain usernames and last login

v

VER Display version information•  
VERIFY Verify that files have been saved•  
VOL Display a disk label•

w

WHERE Locate and display files in a directory tree  
WHOAMI Output the current UserName and domain  
WINDIFF Compare the contents of two files or sets of files  
WINMSD Windows system diagnostics  
WINMSDP Windows system diagnostics II  
WINRM Windows Remote Management  
WINRS Windows Remote Shell  
WMIC WMI Commands  
WUAUCLT Windows Update

x

XCACLS Change file and folder permissions  
XCOPY Copy files and folders  
:: Comment / Remark•

Commands marked • are Internal commands only available within the CMD shell. All other commands (not marked with •) are external commands which may be used under the CMD shell, PowerShell, or directly from START-RUN.

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