

## An A-Z Index of the [Windows CMD](#) command line

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b

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c

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d

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[DSMod](#) Modify items in active directory ([user group computer](#))  
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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** File extension file type associations.

g

**GETMAC** Display the Media Access Control (MAC) address  
**GLOBAL** Display membership of global groups  
**GOTO** Direct a batch program to jump to a labelled line.  
**GPRESULT** Display Resultant Set of Policy information  
**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 a member of a 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 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  
**MSINFO32** System Information  
**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** Return to a previous directory saved by **PUSHD**•  
**PORTQRY** Display the status of ports and services  
**POWERCFG** Configure power settings  
**PRINT** Print a text file  
**PRINTBTRM** 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  
**PsPing** Measure network performance  
**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  
**Query Process** Display processes (TS/Remote Desktop)  
**Query Session** Display all sessions (TS/Remote Desktop)  
**Query TermServer** List all servers (TS/Remote Desktop)  
**Query User** Display user sessions (TS/Remote Desktop)

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  
**Reset Session** Delete a Remote Desktop Session  
**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 Services  
**SET** Display, set, or remove session environment variables•  
**SETLOCAL** Control the visibility of environment variables•  
**SETX** Set environment variables  
**SFC** System File Checker  
**SHARE** List or edit a file share or print share  
**ShellRunAs** Run a command under a different user account  
**SHIFT** Shift the position of batch file parameters•  
**SHORTCUT** Create a windows shortcut (.LNK file)  
**SHOWGRPS** List the 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, command or batch file•
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	
TAKEOWN	Take ownership of a file
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
TSSHUTDOWN	Remotely shut down or reboot a terminal server
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	
WAITFOR	Wait for or send a signal
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
WINMSDP	Windows system report
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.

External commands may be used under the CMD shell, [PowerShell](#), or directly from [START-RUN](#).

See also: [a categorized list of Windows CMD commands](#)

Microsoft Help pages: [Windows XP](#) - [2003 Server](#) - [2008 Server](#)

[Discussion forum](#)

[Links to other sites, books etc...](#)

