

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

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[ATTRIB](#) Change file attributes

b

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[BITSADMIN](#) Background Intelligent Transfer Service  
[BROWSTAT](#) Get domain, browser and PDC info

c

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[CERTREQ](#) Request certificate from a certification authority  
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[COMPRESS](#) Compress one or more files  
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**COPY** Copy one or more files to another location•  
**Coreinfo** Show the mapping between logical & physical processors  
**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•  
**DELPREF** Delete user profiles  
**DELTREE** Delete a folder and all subfolders  
**DevCon** Device Manager Command Line Utility  
**DIR** Display a list of files and folders•  
**DIRQUOTA** File Server Resource Manager Disk quotas  
**DIRUSE** Display disk usage  
**DISKPART** Disk Administration  
**DISKSHADOW** Volume Shadow Copy Service  
**DISKUSE** Show the space used in folders  
**DNSCMD** Manage DNS servers  
**DOSKEY** Edit command line, recall commands, and create macros  
**DriverQuery** Display installed device drivers  
**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  
**Dsmgmt** Directory Service Management

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 CAB files  
**EXPLORER** Open Windows Explorer  
**EXTRACT** Uncompress CAB files

f

- FC Compare two files
- FIND Search for a text string in a file
- FINDSTR Search for strings in files
- FLTMC Manage MiniFilter drivers
- 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
- FSUTIL File and Volume utilities
- FTP File Transfer Protocol
- FTYPE File extension file type associations•

g

- GETMAC Display the Media Access Control (MAC) address
- 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
- HOSTNAME Display the host name of the computer

i

- ICACLS Change file and folder permissions
- IEXPRESS Create a self extracting ZIP file archive
- IF Conditionally perform a command•
- IFMEMBER Is the current user a member of a group
- IPCONFIG Configure IP
- INUSE Replace files that are in use by the OS

l

- LABEL Edit a disk label
- LGPO Local Group Policy Object utility
- LODCTR Load PerfMon performance counters
- LOGMAN Manage Performance Monitor logs
- LOGOFF Log a user off
- LOGTIME Log the date and time in a file

m

MAKECAB Create .CAB files  
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 COM/LPT/CON  
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)

n

NET Manage network resources  
NETDOM Domain Manager  
NETSH Configure Network Interfaces, Windows Firewall & Remote access  
NBTSTAT Display networking statistics (NetBIOS over TCP/IP)  
NETSTAT Display networking statistics (TCP/IP)  
NLSINFO Display [locale](#) information (reskit).  
NLTEST Network Location Test (AD)  
NOW Display the current Date and Time  
NSLOOKUP Name server lookup  
NTBACKUP Windows Backup folders to tape  
NTDSUtil Active Directory Domain Services management  
NTRIGHTS Edit user account rights  
NVSPBIND Modify network bindings

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 PUSH.D•  
**PORTQRY** Display the status of ports and services  
**POWERCFG** Configure power settings  
**PRINT** Print a text file  
**PRINTBRM** Print queue Backup/Recovery  
**PRNCNFG** Configure or rename a printer  
**PRNMNGR** Add, delete, list printers and printer connections  
**ProcDump** Monitor an application for CPU spikes  
**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  
**PUSH.D** Save and then change the current directory•

q

**QGREP** Search file(s) for lines that match a given pattern  
**Query Process / QPROCESS** Display processes  
**Query Session / QWinsta** Display all sessions (TS/Remote Desktop)  
**Query TermServer /QAppSrv** List all servers (TS/Remote Desktop)  
**Query User / QUSER** 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  
SCHEDULETASKS Schedule a command to run at a specific time  
SET Display, set, or remove session environment variables•  
SETLOCAL Control the visibility of environment variables•  
SetSPN Edit Service Principal Names  
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)  
SHUTDOWN Shutdown the computer  
SIGCHECK Display file version no. VirusTotal status & timestamp  
SLEEP Wait for x seconds  
SLMGR Software Licensing Management (Vista/2008)  
SORT Sort input  
START Start a program, command or batch file•  
STRINGS Search for ANSI and UNICODE strings in binary files  
SUBINACL Edit file and folder Permissions, Ownership and Domain  
SUBST Associate a path with a drive letter  
SYSMON Monitor and log system activity to the Windows event log  
SYSTEMINFO List system configuration

t

TAKEOWN Take ownership of a file  
 TASKLIST List running applications and services  
 TASKKILL End a running process  
 TELNET Communicate with another host using the TELNET protocol  
 TIME Display or set the system time.  
 TIMEOUT Delay processing of a batch file/command  
 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  
 TSDISCON Disconnect a Remote Desktop Session  
 TSKILL End a running process  
 TSSHUTDN Remotely shut down or reboot a terminal server  
 TYPE Display the contents of a text file.  
 TypePerf Write performance data to a log file  
 TZUTIL Time Zone Utility

V

VER Display version information.  
 VERIFY Verify that files have been saved.  
 VMConnect Connect to a Hyper-V Virtual Machine  
 VOL Display a disk label.  
 VSSADMIN Display volume shadow copy backups and shadow copy writers/providers.

W

W32TM Time Service  
 WAITFOR Wait for or send a signal  
 WBADMIN Windows Backup Admin  
 WECUTIL Windows Event Collector Utility  
 WEVTUTIL Clear event logs, enable/disable/query logs  
 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  
 WINRM Windows Remote Management  
 WINRS Windows Remote Shell  
 WMIC WMI Commands  
 WPEUTIL Run WinPE commands  
 WPR Windows Performance Recorder

<a href="#">WUSA</a>	Windows Update Standalone Installer
<a href="#">WUAUCLT</a>	Windows Update
x	
<a href="#">XCACLS</a>	Change file and folder permissions
<a href="#">XCOPY</a>	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: [2003 Server](#), [2008 Server](#), [Windows 7/Server 2012 / Technology](#)

[Discussion forum](#)

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

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