

(SS64)

Links

Syntax

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An A-Z Index of the Windows CMD command line

[ADDUSERS](#) Add or list users to/from a CSV file
[ADmodcmd](#) Active Directory Bulk Modify
[ARP](#) Address Resolution Protocol
[ASSOC](#) Change file extension associations•
[ASSOCIAT](#) One step file association
[AT](#) Schedule a command to run at a specific time
[ATTRIB](#) Change file attributes

b

[BCDBOOT](#) Create or repair a system partition
[BCDEDIT](#) Manage Boot Configuration Data
[BITSADMIN](#) Background Intelligent Transfer Service
[BOOTCFG](#) Edit Windows boot settings
[BROWSTAT](#) Get domain, browser and PDC info

c

[CACLS](#) Change file permissions
[CALL](#) Call one batch program from another•
[CERTREQ](#) Request certificate from a certification authority
[CERTUTIL](#) Utility for certification authority (CA) files and services
[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
[CLIP](#) Copy STDIN to the Windows clipboard
[CLS](#) Clear the screen•
[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 one or more files
[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•
[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
[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

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
- 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
- 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
- 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
- LOGMAN Manage Performance Monitor
- 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)
- NOW Display the current Date and Time
- NSLOOKUP Name server lookup
- NTBACKUP Backup folders to tape

NTDSUtil Active Directory Domain Services management
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
PRINTBRM Print queue Backup/Recovery
PRNCNFG Configure or rename a printer
PRNMNGR Add, delete, list printers and printer connections
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 / 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
SCHTASKS Schedule a command to run at a specific time
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)
SHUTDOWN Shutdown the computer
SLEEP Wait for x seconds
SLMGR Software Licensing Management (Vista/2008)
SORT Sort input
START Start a program, command or batch file•
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 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
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

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
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
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: [XP](#) , [2003 Server](#), [2008 Server](#), [Windows 7/Server 2012 / Technology](#)

[Discussion forum](#)

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

