(SS64)	Links	Syntax		Search

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
      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•
      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•
      DELPROF   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
      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
    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)

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    NLSINFO  Display locale information (reskit).
    NLTEST   Network Location Test (AD)
    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
    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 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
    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
    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)
```

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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•
    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
    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•
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
    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: 2003 Server, 2008 Server, Windows 7/Server 2012 / Technology
Discussion forum
Links to other sites, books etc...