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Cmd commands under Windows

This article lists the most **important cmd commands under Windows**.

Software Offerings

cmd command	Description
Basics:	
call	calls a batch file from another one
cd	change directory
cls	clear screen
cmd	start command prompt
color	change console color
date	show/set date
dir	list directory content
echo	text output
exit	exits the command prompt or a batch file
find	find files
hostname	display host name
pause	pauses the execution of a batch file and shows a message
runas	start a program as another user
shutdown	shutdown the computer
sort	sort the screen output
start	start an own window to execute a program or command
taskkill	terminate a process or a application
tasklist	display applications and related tasks
time	display/edit the system time
timeout	wait any time
title	set title for prompt
ver	display operating system version
w32tm	setting time synchronisation/time server/time zone
Network:	
ftp	transfer files to a FTP server
ftype	display file type and mapping
getmac	display MAC address
ipconfig	display IP network settings
netsh	configure/control/display network components
netstat	display TCP/IP connections and status
nslookup	query the DNS
pathping	test the connection to a specific IP address
ping	pings the network
route	display network routing table, add static routes
systeminfo	displays computer-specific properties and configurations

telnet	establish Telnet connection
tftp	transfer files to a TFTP server
tracert	trace routes similar to patchping
Files:	
attrib	display file attributes
comp	compare file contents
compact	display/change file compression
copy / xcopy	copy files
diskcomp	compare content of two floppy disks
diskcopy	copy floppy disc to another one
erase / del	delete one or more files
expand	extract files
fc	copare files and display the differences
mkdir	create a new directory
move	move/rename files
rename	rename files
replace	replace files
rmdir / rd	delete directory
tree	display folder structure graphically
type	display content of text files
Media:	
chkdsk	check volumes
chkntfs	display/change volume check at startup
defrag	defragment media
diskpart	volume management
driverquery	display installed devices and their properties
format	format volumes
label	change volume name
mode	configure interfaces/devices
mountvol	assign/delete drive mountpoints
verify	monitoring whether volumes are written correctly
vol	show volume description and serial numbers of the HDDs
Miscellaneous:	
for	for loop
gpresult	display group policies
gpupdate	update group policies
perfmon	start performance monitor
prompt	change command prompt

reg	add/read/import/export registry entries

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Armin Oberneder has been working for Thomas-Krenn.AG for over 7 years now. He is currently employed in the consulting team and thus takes care of all customer-specific inquiries concerning servers, storage, virtualization and networks. In the past years Armin has specialized in Windows Server, Software-Defined-Technologies and Network Technology.

Due to these specializations, he also ensures that our customers are helped as quickly as possible in the event of problems by means of a ticket system, by telephone or in writing via e-mail.

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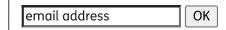
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