

Examples of what you can do with NirCmd

Open the door of J: CD-ROM drive	nircmd.exe cdrom open j:
Close the door of Y: CD-ROM drive	nircmd.exe cdrom close y:
Speaks the text currently in the clipboard (For Windows XP and Vista).	speak text ~\$clipboard\$
Increase the system volume by 2000 units (out of 65535)	nircmd.exe changesysvolume 2000
Decrease the system volume by 5000 units (out of 65535)	nircmd.exe changesysvolume -5000
Set the volume to the highest value	nircmd.exe setsysvolume 65535
Mute the system volume	nircmd.exe mutesysvolume 1
Unmute the system volume	nircmd.exe mutesysvolume 0
Switch the system volume between the mute and normal state.	nircmd.exe mutesysvolume 2
Create a shortcut on your desktop that switch the system volume between the mute and normal state.	nircmd.exe cmdshortcut "~\$folder.desktop\$" "Switch Volume" mutesysvolume 2
Turn off the monitor	nircmd.exe monitor off
Start the default screen saver	nircmd.exe screensaver

Put your computer in 'standby' mode	nircmd.exe standby
log off the current user	nircmd.exe exitwin logoff
Ask if you want to reboot, and if you answer 'Yes', reboot the computer.	nircmd.exe qboxcom "Do you want to reboot ?" "question" exitwin reboot
Turn off your computer	nircmd.exe exitwin poweroff
Turn off all computers specified in computers.txt !	multiremote copy "c:\temp\computers.txt" exitwin poweroff force
Dial to "My Internet" connection	nircmd.exe rasdial "My Internet"
Disconnect the "My Internet" connection	nircmd.exe rashangup "My Internet"
Make your Internet Explorer windows 75% transparent ! (192 / 256)	nircmd.exe win trans ititle "internet explorer" 192
Minimize all your Internet Explorer windows	nircmd.exe win min class "IEFrame"
Close all your Internet Explorer windows	nircmd.exe win close class "IEFrame"
Close all your Explorer windows (My Computer, folders, and so on)	nircmd.exe win close class "CabinetWClass"
Hide all your Internet Explorer windows	nircmd.exe win hide class "IEFrame"
Show all your	nircmd.exe win show class "IEFrame"

Internet Explorer windows (after you made them hidden with previous example)	
Center all top-level windows	nircmd.exe win center alltop
Remove the title bar of My Computer window.	nircmd.exe win -style title "my computer" 0x00C00000
Return the title bar of My Computer window that we removed in the previous example.	nircmd.exe win +style title "my computer" 0x00C00000
Set the My Computer window to right-to-left order (For hebrew and arabic languages)	nircmd win +exstyle title "my computer" 0x00400000
Set all child windows of My Computer window to right-to-left order (For hebrew and arabic languages)	nircmd win child title "my computer" +exstyle all 0x00400000
Create a shortcut on your desktop that closes all your Internet Explorer windows	nircmd.exe cmdshortcut " ~-\$folder.desktop\$ "Close All IE" win close class "IEFrame"
Create a shortcut on your desktop that hides all your Internet Explorer windows	nircmd.exe cmdshortcut " ~-\$folder.desktop\$ "Hide All IE" win hide class "IEFrame"
Create a shortcut on your desktop that shows back	nircmd.exe cmdshortcut " ~-\$folder.desktop\$ "Show All IE" win show class "IEFrame"

all your Internet Explorer windows	
Set the Windows Calculator as top-most window (above all other windows)	nircmd.exe win settopmost title "Calculator" 1
Set the Windows Calculator back to regular window (non top-most window)	nircmd.exe win settopmost title "Calculator" 0
Create a shortcut to Windows calculator under Start Menu->Programs->Calculators	nircmd.exe shortcut "f:\winnt\system32\calc.exe" "~\$folder.programs\$\Calculators" "Windows Calculator"
Hide the desktop window	nircmd.exe win hide class progman
Show the desktop window (After hiding it in previous example)	nircmd.exe win show class progman
Hide the start button on the system tray	nircmd.exe win child class "Shell_TrayWnd" hide class "button"
Show the start button on the system tray	nircmd.exe win child class "Shell_TrayWnd" show class "button"
Hide the clock on the system tray	nircmd.exe win child class "Shell_TrayWnd" hide class "TrayClockWClass"
Show the clock on the system tray	nircmd.exe win child class "Shell_TrayWnd" show class "TrayClockWClass"
Kill (terminate) all instance of Internet Explorer processes	nircmd.exe killprocess iexplore.exe
Create a shortcut on your desktop that opens the	nircmd.exe cmdshortcut "~\$folder.desktop\$" "Open CDROM" cdrom open k:

door of K: CDROM drive when you run it.	
Create a shortcut to NirSoft Web site on your desktop	nircmd.exe urlshortcut "http://www.nirsoft.net" "~\$folder.desktop\$" "NirSoft"
Add NirSoft Web site to your Favorities under Links folder.	nircmd.exe urlshortcut "http://www.nirsoft.net" "~\$folder.favorites\$\Links" "NirSoft"
Create a shortcut to NirSoft Web site on the desktop of all computers listed in computers.txt	nircmd.exe multiremote copy "c:\temp\computers.txt" urlshortcut "http://www.nirsoft.net" "~\$folder.common_desktop\$" "NirSoft"
Set the display mode to 800x600x24bit colors	nircmd.exe setdisplay 800 600 24
Create a shortcut on the desktop that set the display mode to 800x600x24bit colors	nircmd.exe cmdshortcut "~\$folder.desktop\$" "800x600x24" setdisplay 800 600 24
Copy all shortcuts on your desktop to another folder (f:\temp\desktop).	nircmd.exe execmd copy "~\$folder.desktop\$\.lnk" f:\temp\desktop
Restart your Apache server (under Windows NT/2000/XP/2003)	nircmd.exe service restart apache
Create a shortcut on your desktop that restarts the Apache server	nircmd.exe cmdshortcut "~\$folder.desktop\$" "Restart Apache" service restart apache
Restart your IIS	nircmd.exe service restart w3svc
Restart MySql	nircmd.exe service restart MySql

Open the desired Registry key/value in RegEdit	nircmd.exe regedit "HKLM\Software\Microsoft\Windows\CurrentVersion" "CommonFilesDir"
Open the Registry key that you copied to the clipboard in RegEdit.	nircmd regedit "~\$clipboard\$"
Disable the screen saver	nircmd.exe regsetval sz "HKCU\control panel\desktop" "ScreenSaveActive" 0
Enable the screen saver	nircmd.exe regsetval sz "HKCU\control panel\desktop" "ScreenSaveActive" 1
Change the date/time of the specified filename (creation time and modified time)	nircmd.exe setfiletime "c:\temp\myfile.txt" "24-06-2003 17:57:11" "22-11-2005 10:21:56"
Copy your desktop folder path to the clipboard	nircmd.exe clipboard set ~\$folder.desktop\$
Copy your start menu folder path to the clipboard	nircmd.exe clipboard set ~\$folder.start_menu\$
Copy the content of info1.txt (simple text file) to the clipboard	nircmd.exe clipboard readfile "c:\My Files\info1.txt"
Add the text content of clipboard to info1.txt	nircmd.exe clipboard addfile "c:\My Files\info1.txt"
Clear the clipboard	nircmd.exe clipboard clear
Create all folders specified in "c:\temp\folders.txt". The folder path names are separated by CRLF characters.	nircmd.exe paramsfile "c:\temp\folders.txt" "" "" execmd md ~\$param.1\$

Install the specified .NET assembly in the global assembly cache (like gacutil)	nircmd.exe gac install "C:\temp\MyAssembly\bin\MyAssembly.dll"
Empty the recycle bin in all drives.	nircmd.exe emptybin
Answer 'Yes' to a standard Windows message-box.	nircmd.exe dlg "" "" click yes
Wait 2 seconds, and then save the current screen to shot.png	nircmd.exe cmdwait 2000 savescreenshot "f:\temp\shot.png"
Save 10 screenshots in a loop, and wait 60 seconds between the screenshot save calls. The filenames of the screenshot will contain the time and date of the saved screenshot.	nircmd.exe loop 10 60000 savescreenshot c:\temp\scr~\$currdate.MM_dd_yyyy\$--\$currtime.HH_mm_ss\$.png
Wait until Firefox is closed, and then say "Firefox was closed"	waitprocess firefox.exe speak text "Firefox was closed"

System Requirements

This utility can work in all 32-bit Windows operating systems: Windows 9x/ME, Windows NT, Windows 2000, Windows XP, Windows Server 2003, and Windows Vista. However, some of NirCmd commands works only on Windows NT/2000/XP/2003/Vista.