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Batch files are used to automate system and program processes in Windows, allowing users to run commands through the command line or by prompt. With hundreds of batch commands available, users can automate various tasks such as printer queues, complex processes, and more. However, not all batch commands work on every operating system, and some may be outdated or only compatible with older systems. The following list highlights essential batch commands that work on modern computers and provides an overview of the possibilities offered by batch file commands. For detailed instructions on creating and executing your own batch files, please refer to our separate article.

Batch command Result Versions of Windows assoc Shows or changes file extension XP Vista 7, 8, 10 at Starts a command or program at a specific time; then entered into "Planned tasks" XP Vista 7 7, 8, 10 attrib Displays or changes file attributes XP Vista 7, 8, 10 cacls Displays or changes ACLs for files XP Vista 7, 8, 10 call Retrieves a batch file inside another XP Vista 7, 8, 10 cd Switches to another directory or folder XP Vista 7, 8, 10 chcp Displays or changes the current code page XP Vista 7, 8, 10 chdir Changes the directory or display name XP Vista 7, 8, 10 chkdsk Checks data carrier for errors XP Vista 7, 8, 10 chkntfs Displays or changes data carrier check at system start-up XP Vista 7, 8, 10 choice Makes yes/no queries or A/B/C/D selection dialogs possible XP Vista 7, 8, 10 cipher Makes it possible to encode directories XP Vista 7, 8, 10 cls Deletes all screen content XP Vista 7, 8, 10 cmd Starts the prompt XP Vista 7, 8, 10 cmstp Installs profiles in the connection manager XP Vista 7, 8, 10 color Changes background color of the current panel XP Vista 7, 8, 10 comp Compares contents of two or more files XP Vista 7, 8, 10 compact Displays or changes file compression XP Vista 7, 8, 10 convert Converts FAT drives to NTFS XP Vista 7, 8, 10 copy Makes it possible to copy files XP Vista 7, 8, 10 cscript Starts the interpreter for VBScript/JScript XP Vista 7, 8, 10 date Displays and adapts system date/time XP Vista 7, 8, 10 defrag Makes it possible to defragment drives XP Vista 7, 8, 10 del Deletes individual files XP Vista 7, 8, 10 dir Displays all content of the directory XP Vista 7, 8, 10 diskcomp Compares contents of two different disks XP Vista 7, 8, 10 diskpart Administers data carriers directly within the panel XP Vista 7, 8, 10 dism Lists, installs, uninstalls, configures or updates Windows images features and packages XP Vista 7, 8, 10 doskey Creates macros, recalls commands entered previously, and edits command input XP Vista 7, 8, 10 driverquery Displays the driver for devices installed on the computer XP Vista 7, 8, 10 echo Displays notifications inside the panel XP Vista 7, 8, 10 endlocal Ends a session that was started using "start" command XP Vista 7, 8, 10 expand Compresses files using compression algorithms XP Vista 7, 8, 10 findstr Searches for strings or patterns in text files XP Vista 7, 8, 10 fsutil Performs file system operations such as volume renaming or disk cleaning XP Vista 7, 8, 10 getmac Displays the MAC address of all network adapters installed on the computer XP Vista 7, 8, 10 label Assigns a label to files and folders XP Vista 7, 8, 10 md Creates new directories XP Vista 7, 8, 10 mkdir Creates new directories and subdirectories XP Vista 7, 8, 10 move Moves or renames files and folders XP Vista 7, 8, 10 mklink Creates symbolic links to files and folders XP Vista 7, 8, 10 mmscripta Plays audio files and displays video playback information in Windows Explorer XP Vista 7, 8, 10 more Displays the first line of a file, lists open files, or shows all commands entered XP Vista 7, 8, 10 net Sets network parameters such as IP addresses, DNS, etc. XP Vista 7, 8, 10 netsh Configures network settings such as network interface names and protocols XP Vista 7, 8, 10 newlog Displays the Windows event log for the current time period XP Vista 7, 8, 10 nul Deletes files XP Vista 7, 8, 10 objclass Displays or changes object classes for objects in Active Directory XP Vista 7, 8, 10 odbcf Converts a file to the database format required by Open Database Connectivity (ODBC) XP Vista 7, 8, 10 path Displays or changes drive paths and file system information XP Vista 7, 8, 10 pause Suspends execution of the current batch script for a specified amount of time XP Vista 7, 8, 10 ping Sends ICMP echo requests to test connectivity XP Vista 7, 8, 10 pipemk Creates shortcut links using pipes and command names XP Vista 7, 8, 10 plink Executes command lines remotely using the connection details stored in a file XP Vista 7, 8, 10 powershell Invokes PowerShell, Windows' task automation and configuration management framework. with setlocal XP Vista 7, 8, 10 erase Deletes one or more files XP Vista 7, 8, 10 errorlevel Displays whether a command was successful or not (0 means yes, 1 means no) XP Vista 7, 8, 10 eventcreate Enters into the event log XP Vista 7, 8, 10 eventquery Lists events or their properties This is run with the help of cscript XP eventtriggers Displays or configures event triggers in the event log XP exist Checks whether a file exists XP Vista 7, 8, 10 exit Closes a batch file or the prompt XP Vista 7, 8, 10 expand Unpacks compressed files or folders XP Vista 7, 8, 10 fc Compares different data and displays the differences XP Vista 7, 8, 10 find Searches for one or several files by entering characters XP Vista 7, 8, 10 findstr Searches for strings within a file, e.g. in the file name or a text XP Vista 7, 8, 10 for Creates a for() loop that retrieves commands as often as specified inside the brackets XP Vista 7, 8, 10 format Makes it possible to format a data carrier XP Vista 7, 8, 10 fsutil Displays and configures the properties of a file system XP Vista 7, 8, 10 ftp Makes it possible to upload and download files via FTP (File Transfer Protocol), e.g. onto a server XP Vista 7, 8, 10 ftype Displays file types and what their assignment is XP Vista 7, 8, 10 getmac Displays the MAC addresses (identifier of a device) for network adapters (local or remote) XP Vista 7, 8, 10 goto Makes it possible to jump to a specific point within a batch file XP Vista 7, 8, 10 gpreresult Displays group guidelines that are used on the computer or for a specific user XP Vista 7, 8, 10 gpupdate Makes it possible to update group guidelines XP Vista 7, 8, 10 graftabl Displays special characters in the graphics mode XP Vista 7, 8, 10 help Displays all cmd commands inside the panel XP Vista 7, 8, 10 hostname Displays the computer name XP Vista 7, 8, 10 icacls Makes it possible to display, change, secure or retrieve ACLs and the access control for files and directories 7, 8, 10 if Makes it possible to integrate conditions inside batch files, similarly to with JavaScript, for example XP Vista 7, 8, 10 ipconfig Configures IP network settings XP Vista 7, 8, 10 irftp Sends a file on an infrared interface XP Vista 7, 8, 10 label Changes the designation of a data carrier XP Vista 7, 8, 10 logman Administers the service "Performance logs and alerts" XP Vista 7, 8, 10 lpr Makes it possible to send a print job to a printer in the network XP mkdir Creates a directory XP Vista 7, 8, 10 mmc Retrieves the management panel XP Vista 7, 8, 10 mode Configures system interfaces and devices XP Vista 7, 8, 10 more Displays data page-by-page on the screen XP Vista 7, 8, 10 mountvol Creates, deletes or lists a mount point for a data carrier XP Vista 7, 8, 10 move Renames or moves files or directories XP Vista 7, 8, 10 openfiles Makes it possible to display or separate files or directories that have been opened 7, 8, 10 msixec Installs .msi packages (MSI files are also called Windows Installer package files) XP Vista 7, 8, 10 net Administers and displays network services XP Vista 7, 8, 10 netsh Manage and configure components of the network using the prompt XP Vista 7, 8, 10 netstat Display TCP-IP connections and their status XP Vista 7, 8, 10 nslookup Queries the DNS server ntbackup Starts NTBackup via CommandLine / starts Silent path Displays or establishes the search path for the program selected XP Vista 7, 8, 10 pathping Tests The batch file currently being run is stopped, prompting users to press any key. This pause in processing allows for user interaction. Other commands include starting the performance monitor, testing network connections, printing files, and managing printers. The panel also offers options for displaying or modifying registry entries, registering .dll and .ocx files, renaming and replacing files, and resetting sessions. Additionally, users can manage removable media, create and manage scheduled tasks, compare system security settings, and shut down the computer. Other commands include sorting data, starting windows and programs, mapping drive letters, querying system information, and closing active processes. Windows operating systems offer a range of customization options, allowing skilled admins to employ Command Prompt for management tasks. For instance, if you'd like Windows to execute a series of commands without manual intervention, you can use this functionality...

List out the batch file commands. Basic batch file commands. Windows 11 batch file commands list. Cmd file listing. Batch file commands list with examples. Batch list files. Batch file commands list with examples pdf. Windows batch file commands list. Batch command list files in directory. List out the batch file commands and explain them. Common batch file commands.