

Command Reference (CMD/4OS/2)

- About Command reference
- The Command Line
 - Command-Line Editing
 - Command History and Recall
 - Command History Window
 - Command Names and Parameters
 - Filename Completion
 - Automatic Directory Changes
 - Directory History Window
 - Local and Global Directory History
 - Multiple Commands
 - Expanding and Disabling Aliases
 - Command Line Help
 - Command-Line Length Limits
- File Selection
 - Extended Parent Directory Names
 - Wildcards
 - Ranges
 - Date, Time, and Size Ranges
 - Date Ranges
 - Time Ranges
 - Size Ranges
 - File Exclusion Ranges
 - Multiple Filenames
 - Include Lists
 - Executable Extensions
- Directory Navigation
 - Extended Directory Searches
 - CDPATH
- Other Features
 - Page and File Prompts
 - Redirection and Piping
 - Redirection
 - Piping
 - Using the Keystack
 - Waiting for Applications to Finish
 - Critical Errors
 - Conditional Commands
 - Command Grouping
 - Escape Character
- Internal Commands
 - ? - List the internal commands
 - **ACTIVATE** - Activate a window
 - **ALIAS** - Create or display aliases
 - **ATTRIB** - Change or view file attributes
 - **BEEP** - Beep the speaker
 - **CALL** - Execute one batch file from another
 - **CANCEL** - Terminate batch file processing

- [CD](#) - Change the current directory
- [CDD](#) - Change the current drive and directory
- [CHCP](#) - Change the current code page
- [CLS](#) - Clear the screen
- [COLOR](#) - Change the display colors
- [COPY](#) - Copy files
- [DATE](#) - Change the system date
- [DEL](#) - Delete one or more files
- [DELAY](#) - Pause for a specified length of time
- [DESCRIBE](#) - Create or modify file descriptions
- [DETACH](#) - Start a program in detached mode
- [DIR](#) - Display directories
- [DIRHISTORY](#) - Display, read, or modify the directory history list
- [DIRS](#) - Display the directory stack
- [DO](#) - Create loops in batch files
- [DPATH](#) - Set the data search path
- [DRAWBOX](#) - Draw a box
- [DRAWHLIN](#) - Draw a horizontal line
- [DRAWVLIN](#) - Draw a vertical line
- [ECHO](#) and [ECHOERR](#) - Display a message / set echo state
- [ECHOS](#) and [ECHOSERR](#) - Display a message without CR/LF
- [ENDLOCAL](#) - Restore the saved environment
- [ESET](#) - Edit environment variables and aliases
- [EXCEPT](#) - Exclude files from a command
- [EXIT](#) - Exit CMD.EXE
- [FFIND](#) - Search for files
- [FOR](#) - Repeat a command
- [FREE](#) - Display total and free disk space
- [GLOBAL](#) - Execute a command all subdirectories
- [GOSUB](#) - Execute a subroutine in a batch file
- [GOTO](#) - Branch within a batch file
- [HELP](#) - Display help
- [HISTORY](#) - Manage the history list
- [IF](#) - Execute a command if a condition is true
- [IFF](#) - [IF](#) / [THEN](#) / [ELSE](#) conditional command execution
- [INKEY](#) - Get a character from the keyboard
- [INPUT](#) - Get a string from the keyboard
- [KEYBD](#) - Set the keyboard toggles
- [KEYS](#) - Enable or disable the history list
- [KEYSTACK](#) - Feed keystrokes to a program or command
- [LIST](#) - Display a file
- [LOADBTM](#) - Switch a batch file's mode
- [LOG](#) - Save a log of commands
- [MD](#) - Create a subdirectory
- [MEMORY](#) - Display memory statistics
- [MOVE](#) - Move files
- [ON](#) - Handle Ctrl-Break and errors in batch files
- [OPTION](#) - Modify the command processor configuration
- [PATH](#) - Set the executable file search path
- [PAUSE](#) - Suspend batch file or alias execution
- [POPD](#) - Restore the disk drive and directory

- **PROMPT** - Change the command-line prompt
- **PUSHD** - Save the disk drive and directory
- **QUIT** - Terminate a batch file
- **RD** - Remove subdirectories
- **REBOOT** - Reboot the system
- **REM** - Put a comment in a batch file
- **REN** - Rename files or subdirectories
- **RETURN** - Return from a subroutine in a batch file
- **SCREEN** - Position the cursor and display text
- **SCRPUT** - Display text in color
- **SELECT** - Select files for a command
- **SET** - Create or modify environment variables
- **SETDOS** - Set the CMD.EXE configuration
- **SETLOCAL** - Save the environment
- **SHIFT** - Shift batch file parameters
- **SHRALIAS** - Load or unload SHRALIAS.EXE
- **START** - Start a program in another session
- **SWITCH** - Select commands based on a value
- **TEE** - "Tee" pipe fitting
- **TEXT** - Display text in a batch file
- **TIME** - Set the system time
- **TIMER** - Start or stop a stopwatch
- **TITLE** - Window title
- **TOUCH** - Change date and time stamps
- **TREE** - Directory tree
- **TYPE** - Display file(s)
- **UNALIAS** - Remove aliases
- **UNSET** - Remove environment variables
- **VER** - Display the CMD.EXE and OS/2 version
- **VERIFY** - Enable or disable disk write verification
- **VOL** - Display disk volume labels
- **VSCRPUT** - Display text vertically and in color
- **WINDOW** - Change the window state or title
- **Y** - "Y" pipe fitting
- **External Commands**
- **Aliases**
- **Batch Files**
 - **.BAT, .CMD, and .BTM Files**
 - **Echoing in Batch Files**
 - **Batch File Parameters**
 - **Using Environment Variables**
 - **Batch File Commands**
 - **Interrupting a Batch File**
 - **Automatic Batch Files**
 - **Detecting CMD.EXE**
 - **Using Aliases in Batch Files**
 - **Debugging Batch Files**
 - **Batch File String Processing**
 - **Batch File Line Continuation**
 - **Batch File Compression**
 - **Special Character Compatibility**

- Command Parsing
- Argument Quoting
- REXX Support
- EXTPROC Support
- Environment Variables and Functions
 - CDPATH
 - cmdline
 - COLORDIR
 - COMSPEC
 - FILECOMPLETION
 - PATH
 - PATHEXT
 - PROMPT
 - Internal Variables
 - ?
 - _?
 - =
 - +
 - _4VER
 - _ANSI
 - _APMAC
 - _APMBATT
 - _APMLIFE
 - _BATCH
 - _BATCHLINE
 - _BATCHNAME
 - _BG
 - _BOOT
 - _CI
 - _CMDPROC
 - _CO
 - _CODEPAGE
 - _COLUMN
 - _COLUMNS
 - _COUNTRY
 - _CPU
 - _CWD
 - _CWDS
 - _CWP
 - _CWPS
 - _DATE
 - _DAY
 - _DISK
 - _DNAME
 - _DOS
 - _DOSVER
 - _DOW
 - _DOWI
 - _DOY
 - _FG
 - _HLOGFILE

- _HOUR
- _KBHIT
- _LASTDISK
- _LOGFILE
- _MINUTE
- _MONITOR
- _MONTH
- _MOUSE
- _NDP
- _PID
- _PIPE
- _PPID
- _PTYPE
- _ROW
- _ROWS
- _SECOND
- _SHELL
- _SID
- _SYSERR
- _TIME
- _TRANSIENT
- _VIDEO
- _WINTITLE
- _XPIXELS
- _YEAR
- _YPIXELS
- Variable Functions
 - @ALIAS
 - @ASCII
 - @ATTRIB
 - @CDROM
 - @CHAR
 - @CLIP
 - @COMMA
 - @CONVERT
 - @DATE
 - @DAY
 - @DEC
 - @DESCRIPT
 - @DEVICE
 - @DISKFREE
 - @DISKTOTAL
 - @DISKUSED
 - @DOSMEM
 - @DOW
 - @DOWI
 - @DOY
 - @EAREAD
 - @EAWRITE
 - @EVAL
 - @EXEC

- @EXECSTR
- @EXETYPE
- @EXPAND
- @EXT
- @FILEAGE
- @FILECLOSE
- @FILEDATE
- @FILENAME
- @FILEOPEN
- @FILEREAD
- @FILES
- @FILESEEK
- @FILESEEKL
- @FILESIZE
- @FILETIME
- @FILEWRITE
- @FILEWRITEB
- @FINDCLOSE
- @FINDFIRST
- @FINDNEXT
- @FORMAT
- @FSTYPE
- @FULL
- @IF
- @INC
- @INDEX
- @INSERT
- @INSTR
- @INT
- @LABEL
- @LEFT
- @LEN
- @LINE
- @LINES
- @LOWER
- @MAKEAGE
- @MAKEDATE
- @MAKETIME
- @MONTH
- @NAME
- @NUMERIC
- @PATH
- @RANDOM
- @READSCR
- @READY
- @REMOTE
- @REMOVABLE
- @REPEAT
- @REPLACE
- @REXX
- @RIGHT

- @SEARCH
- @SELECT
- @STRIP
- @SUBSTR
- @TIME
- @TIMER
- @TRIM
- @UNIQUE
- @UPPER
- @WILD
- @WORD
- @WORDS
- @YEAR
- CMD.INI
 - Modifying the .INI File
 - Using the .INI File
 - .INI File Sections
 - .INI File Directives
 - Initialization Directives
 - 4StartPath
 - DirHistory (directive)
 - DuplicateBugs
 - HelpBook
 - History (directive)
 - INIQuery
 - LocalAliases
 - LocalDirHistory
 - LocalHistory
 - PauseOnError
 - SwapFilePath
 - TreePath
 - WindowState
 - WindowX, WindowY, WindowWidth, WindowHeight
 - Configuration Directives
 - AmPm
 - AppendToDir
 - BatchEcho
 - BeepFreq
 - BeepLength
 - CDDWinLeft, CDDWinTop, CDDWinWidth, CDDWinHeight
 - CommandSep
 - CursorIns
 - CursorOver
 - DecimalChar
 - DescriptionMax
 - DescriptionName
 - Descriptions
 - EditMode
 - EscapeChar
 - EvalMax
 - EvalMin

- ExecWait
- FileCompletion
- FuzzyCD
- HistCopy
- HistLogName
- HistMin
- HistMove
- HistWrap
- LineInput
- ListRowStart
- LogName
- NoClobber
- ParameterChar
- PathExt
- PopupWinLeft, PopupWinTop, PopupWinWidth, PopupWinHeight
- Printer
- ScreenRows
- TabStops
- ThousandsChar
- UnixPaths
- UpperCase
- Color Directives
 - BrightBG
 - CDDWinColors
 - ColorDir
 - InputColors
 - ListboxBarColors
 - ListColors
 - ListStatBarColors
 - PopupWinColors
 - SelectColors
 - SelectStatBarColors
 - StdColors
- Key Mapping Directives
 - General Input Keys
 - Backspace
 - BeginLine
 - Del
 - DelToBeginning
 - DelToEnd
 - DelWordLeft
 - DelWordRight
 - Down
 - EndLine
 - EraseLine
 - ExecLine
 - Ins
 - Left
 - NormalKey
 - Right
 - Up

- WordLeft
 - WordRight
 - Command-Line Editing Keys
 - AddFile
 - AliasExpand
 - CommandEscape
 - DelHistory
 - EndHistory
 - Help
 - LineToEnd
 - NextFile
 - NextHistory
 - NormalEditKey
 - PopFile
 - PrevFile
 - PrevHistory
 - SaveHistory
 - Popup Window Keys
 - DirWinOpen
 - HistWinOpen
 - NormalPopupKey
 - PopupWinBegin
 - PopupWinDel
 - PopupWinEdit
 - PopupWinEnd
 - PopupWinExec
 - LIST Keys
 - ListExit
 - ListFind
 - ListFindReverse
 - ListHex
 - ListHighBit
 - ListInfo
 - ListNext
 - ListPrevious
 - ListPrint
 - ListWrap
 - NormalListKey
 - Advanced Directives
 - ClearKeyMap
 - Debug
 - Include
 - NextINIFile
 - .INI File Examples
- Setup and Troubleshooting
 - Starting CMD.EXE
 - The CMD.EXE Help System
 - Error Messages
 - Troubleshooting, Service, and Support
 - Technical Support
 - Contacting JP Software

- [What's New?](#)
 - [General Features and Enhancements](#)
 - [Command Line Editing](#)
 - [Command Changes](#)
 - [Variables and Functions](#)
 - [Startup and Configuration](#)
 - [Technical and Compatibility Enhancements](#)
 - [Bugs Fixed](#)
- [Reference Information](#)
 - [File Systems and File Name Conventions](#)
 - [Drives and Volumes](#)
 - [File Systems](#)
 - [Directories and Subdirectories](#)
 - [File Names](#)
 - [File Attributes and Time Stamps](#)
 - [Miscellaneous Reference Information](#)
 - [Colors and Color Names](#)
 - [Keys and Key Names](#)
 - [Popup Windows](#)
 - [Executable Files and File Searches](#)
 - [Reference Tables](#)
 - [ASCII Table](#)
 - [Key Codes and Scan Codes Table](#)
 - [Key Codes and Scan Codes Explanation](#)
 - [ANSI Codes](#)
 - [Glossary](#)
 - [Glossary - 4](#)
 - [Glossary - A](#)
 - [Glossary - B](#)
 - [Glossary - C](#)
 - [Glossary - D](#)
 - [Glossary - E](#)
 - [Glossary - F](#)
 - [Glossary - G](#)
 - [Glossary - H](#)
 - [Glossary - I](#)
 - [Glossary - K](#)
 - [Glossary - L](#)
 - [Glossary - M](#)
 - [Glossary - N](#)
 - [Glossary - O](#)
 - [Glossary - P](#)
 - [Glossary - R](#)
 - [Glossary - S](#)
 - [Glossary - T](#)
 - [Glossary - U](#)
 - [Glossary - V](#)
 - [Glossary - W](#)
 - [Glossary - X](#)

• Created using Inf-PHP v.1 © 2003 [Yuri Prokushev](#)

- Created using Inf-HTML v.0.9b © 1995 [Peter Childs](#)

From:

<http://ftp.osfree.org/doku/> - **osFree wiki**

Permanent link:

<http://ftp.osfree.org/doku/doku.php?id=en:ibm:cmd:index&rev=1703344254>

Last update: **2023/12/23 15:10**

