



Note: This API call is for DOS and Win16 personality only. Use [Family API](#) for portability.

2018/09/07 05:04 · prokushev · [0 Comments](#)

Int 21H, AH=13H

Version

1 and higher

Brief

DELETE FILE USING FCB

Family API

[DosDelete](#)

Input

```
AH = 13h
DS:DX -> unopened FCB (see #01345), filename filled with template for
deletion ('?' wildcards allowed)
```

Return

Return: AL = status

```
00h one or more files successfully deleted
FFh no matching files or all were read-only or locked
```

Notes

DOS 1.25+ deletes everything in the current directory (including subdirectories) and sets the first byte of the name to 00h (entry never used) instead of E5h if called on an extended FCB with

filename '?????????????' and bits 0-4 of the attribute set (bits 1 and 2 for DOS 1.x). This may have originally been an optimization to minimize directory searching after a mass deletion (DOS 1.25+ stop the directory search upon encountering a never-used entry), but can corrupt the filesystem under DOS 2+ because subdirectories are removed without deleting the files they contain.

currently-open files should not be deleted

MS-DOS allows deletion of read-only files with an extended FCB, whereas

Novell NetWare, DR DOS 6, and Novell DOS 7/OpenDOS 7.01 do not this function generates a trap "D" under OS/2 v4.x (Warp4) when called on an HPFS partition with a wildcard in the filename; it operates correctly on FAT partitions and when called without wildcards

See also

AH=41h, INT 2F/AX=1113h

Note

Text based on Ralf Brown Interrupt List Release 61

| DOS API | |
|----------------------|--|
| Process manager | INT 20H, INT 21H : 00H, 25H, 26H, 31H, 34H, 35H, 4BH, 4CH, 4DH, 50H, 51H, 52H, 55H, 62H, INT 22H, INT 27H, INT 28H |
| File manager | INT 25H, INT 26H, INT 21H : 0DH, 0EH, 0FH, 10H, 11H, 12H, 13H, 14H, 15H, 16H, 17H, 19H, 1AH, 1BH, 1CH, 21H, 22H, 23H, 24H, 27H, 28H, 29H, 2EH, 2FH, 32H, 3305H, 36H, 39H, 3AH, 3BH, 3CH, 3DH, 3EH, 3FH, 40H, 41H, 42H, 4300H, 4301H, 45H, 45H, 46H, 4EH, 4FH, 54H, 56H, 5700H, 5701H, 5AH, 5BH, 5c00H, 5c01H, 60H, 67H, 68H, 6900H, 6901H, 6AH, 6CH |
| Character Device I/O | INT 29H, INT 21H : 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0AH, 0CH, 5D07H, 5D08H, 5D09H, 5D0AH |
| Signals | INT 23H, INT 24H, INT 21H : 3300H, 3301H, 3302H |
| Memory manager | INT 21H : 48H, 49H, 4AH, 5800H, 5801H, 5802H, 5803H |
| Date and Time | INT 21H : 2AH, 2BH, 2CH, 2DH |
| Misc | INT 21H : 30H, 3306H, 3700H, 3701H, 3702H, 3703H, 59H |
| NLS | INT 21H : 3303H, 3304H, 3800H, 3801H, 6300H, 6301H, 6301H, 6500H, 6501H, 6502H, 6503H, 6504H, 6505H, 6506H, 6507H, 6520H, 6521H, 6522H, 6523H, 65A0H, 65A1H, 65A2H, 6601H, 6602H |
| Devices | INT 21H : 4400H, 4401H, 4402H, 4403H, 4404H, 4405H, 4406H, 4407H, 4408H, 4409H, 440AH, 440BH, 440CH, 440DH, 440EH, 440FH, 4410H, 4411H, 53H |
| Network | INT 21H : 5E00H, 5E01H, 5E02H, 5E03H, 5E04H, 5E05H, 5F00H, 5F01H, 5F02H, 5F03H, 5F04H, 5F05H, 5F07H, 5F08H |

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|-----------------------------|--|
| Video I/O | @SetMode @SetCurSz @SetCurPos @GetCur @SetPage @ScrollUp @ScrollDn @Scroll @GetChAtr @PutChAtr @PutCh @SetPalet @SetColor @SetDot @GetDot @WrtTTY @VideoState @GetMode @GetDisplay @GetVideoState @GetEGAIInfo @Cls |
| Hardware info | @Equipment @MemSize |
| Serial I/O | @AuxInit @AuxSendChar @AuxRecieveChar @AuxStatus |
| Tape I/O | @TapeOn @TapeOff @TapeRead @TapeWrite |
| Keyboard I/O | @KbdStatus @CharIn @CharPeek |
| Printer I/O | @PrnPrint @PrnInit @PrnStatus |
| Disk I/O | @DskReset @DskStatus @DskRead @DskWrite @DskVerify @DskFormat |
| Date and Time | @SetTime @GetTime |
| Mouse | @MouInit @MouShowPointer @MouStatus @MouSetPos @MouSetMickey @MouRegion |
| Memory manager | @ModBlok SET_BLOCK |

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| Family API | |
|-------------------|---|
| DOS | Process Manager DosBeep DosExit DosSleep DosExecPgm |
| | File Manager DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSet FileMode DosOpen DosQFileInfo DosRead DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo |
| | Memory Manager DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreateCSAlias |
| | NLS DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage |
| | Date and Time DosSetDateTime DosGetDateTime |
| | Devices DosDevConfig DosDevIOCtl DosDevIOCtl2 |
| | Signals DosHoldSignal DosSetSigHandler |
| | Misc BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec |
| KBD | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek |
| VIO | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp |
| Tools | BIND |
| Modules | DOSCALS.DLL VIOCALS.DLL KBDCALLS.DLL MSG.DLL |
| Libraries | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB |

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