



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

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# Int 21H, AH=44H, AL=08H

## Version

3.0 and higher

## Brief

CHECK IF BLOCK DEVICE REMOVABLE

## Family API

## Input

```
AX = 4408h
BL = drive number (00h = default, 01h = A:, etc)
```

## Return

CF clear if successful

```
AX = media type (0000h removable, 0001h fixed)
CF set on error
AX = error code (01h,0Fh) (see #01680 at AH=59h/BX=0000h)
```

## Macro

## Notes

in addition to the normal operation, if Stacker is installed, this call also sets the volume number at offset 58h in the Stacker device driver (except under DR DOS 3.41-5.0, which do not pass through this

call to the driver; use AX=440Eh instead) (see AX=4404h“Stacker”,AX=440Eh,INT 25/AX=CDCh)

this function was not supported by Digital Research's DOS Plus

See also

AX=4400h,AX=4409h,INT 2F/AX=122Bh

Note

Text based on [Ralf Brown Interrupt List Release 61](#)

| DOS API              |                                                                                                                                                                                                                                                                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Process manager      | INT 20H, <b>INT 21H</b> : 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, <b>INT 21H</b> : 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, <b>INT 21H</b> : 01H, 02H, 03H, 04H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0AH, 0CH, 5D07H, 5D08H, 5D09H, 5D0AH                                                                                                                                                                                                                                      |
| Signals              | INT 23H, INT 24H, <b>INT 21H</b> : 3300H, 3301H, 3302H                                                                                                                                                                                                                                                                                                     |
| Memory manager       | <b>INT 21H</b> : 48H, 49H, 4AH, 5800H, 5801H, 5802H, 5803H                                                                                                                                                                                                                                                                                                 |
| Date and Time        | <b>INT 21H</b> : 2AH, 2BH, 2CH, 2DH                                                                                                                                                                                                                                                                                                                        |
| Misc                 | <b>INT 21H</b> : 30H, 3306H, 3700H, 3701H, 3702H, 3703H, 59H                                                                                                                                                                                                                                                                                               |
| NLS                  | <b>INT 21H</b> : 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              | <b>INT 21H</b> : 4400H, 4401H, 4402H, 4403H, 4404H, 4405H, 4406H, 4407H, 4408H, 4409H, 440AH, 440BH, 440CH, 440DH, 440EH, 440FH, 4410H, 4411H, 53H                                                                                                                                                                                                         |
| Network              | <b>INT 21H</b> : 5E00H, 5E01H, 5E02H, 5E03H, 5E04H, 5E05H, 5F00H, 5F01H, 5F02H, 5F03H, 5F04H, 5F05H, 5F07H, 5F08H                                                                                                                                                                                                                                          |
| osFree Macro Library |                                                                                                                                                                                                                                                                                                                                                            |
| Video I/O            | @SetMode @SetCurSz @SetCurPos @GetCur @SetPage @ScrollUp @ScrollDn @Scroll @GetChAtr @PutChAtr @PutCh @SetPalet @SetColor @SetDot @GetDot @WrtTTY @VideoState @GetMode @GetDisplay @GetVideoState @GetEGAInfo @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                                                                                                                                                                                                                                                                                                                                          |

**osFree Macro Library**

|                |                                                                            |
|----------------|----------------------------------------------------------------------------|
| Mouse          | @MouInit @MouShowPointer @MouStatus @MouSetPos @MouSetMickey<br>@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<br>DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead<br>DosQFileMode DosQFSInfo DosQVerify DosRmdir DosSelectDisk DosFindClose<br>DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks<br>DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo<br>DosShutdown |
|           | Memory Manager  | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg<br>DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias                                                                                                                                                                                                                                                       |
|           | NLS             | DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate<br>DosGetMessage DosInsMessage DosPutMessage                                                                                                                                                                                                                                                                            |
|           | Date and Time   | DosSetDateTime DosGetDateTime                                                                                                                                                                                                                                                                                                                                                               |
|           | Devices         | DosDevConfig DosDevIOCtl DosDevIOCtl2                                                                                                                                                                                                                                                                                                                                                       |
|           | Signals         | DosHoldSignal DosSetSigHandler                                                                                                                                                                                                                                                                                                                                                              |
|           | Misc            | BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass<br>DosSetVec                                                                                                                                                                                                                                                                                                      |
| KBD       |                 | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek                                                                                                                                                                                                                                                                                                                      |
| VIO       |                 | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf<br>VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt<br>VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf<br>VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell<br>VioWrtNChar VioWrtTTY VioScrLock VioPopUp                                           |
| Tools     |                 | BIND                                                                                                                                                                                                                                                                                                                                                                                        |
| Modules   |                 | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL                                                                                                                                                                                                                                                                                                                                              |
| Libraries |                 | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB                                                                                                                                                                                                                                                                                                                                       |

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