



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

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# Int 21H, AH=5FH, AL=03H

## Version

3.1 and higher

## Brief

REDIRECT DEVICE

## Family API

## Input

```
AX = 5F03h
BL = device type
    03h printer
    04h disk drive
CX = user data to save
    0000h for LANtastic
    4E57h ("NW") for NetWare 4.0 requester
DS:SI -> ASCIZ local device name (16 bytes max)
ES:DI -> ASCIZ network name + ASCIZ password (128 bytes max total)
```

## Return

```
CF clear if successful
CF set on error
AX = error code (01h,03h,05h,08h,0Fh,12h) (see #01680 at AH=59h)
```

## Macro

## Notes

If device type is disk drive, DS:SI must point at either a null string or a string consisting the drive letter followed by a colon; if a null string, the network attempts to access the destination without redirecting a local drive. The DOS kernel calls INT 2F/AX=111Eh with AX on top of the stack. Also supported by Banyan VINES, LANtastic, and 10NET

## See also

AX=5F02h - AX=5F04h - INT 2F/AX=111Eh - INT 60/

## 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   |

**osFree Macro Library**

|                |  |
|----------------|--|
| 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<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 |
|           | 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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