



This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

**Note:** This is legacy API call. It is recommended to use 32-bit equivalent

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## MouGetDevStatus

This call returns status flags for the installed mouse device driver.

### Syntax

```
MouGetDevStatus (DeviceStatus, DeviceHandle)
```

### Parameters

- DeviceStatus (USHORT) - output: Address of the current status flag settings for the installed mouse device driver.

The return value is a 2-byte set of bit flags.

| Bit   | Description  |
|-------|--|
| 15-10 | Reserved, set to zero.   |
| 9     | Set if mouse data returned in mickeys, not pels.                     |
| 8     | Set if the drawing operations for pointer draw routine are disabled. |
| 7-4   | Reserved, set to zero.   |
| 3     | Set if pointer draw routine disabled by unsupported mode.            |
| 2     | Set if flush in progress.  |
| 1     | Set if block read in progress.                                       |
| 0     | Set if event queue busy with I/O.                                    |

- DeviceHandle (HMOU) - input: Mouse device handle from a previous MouOpen.

### Return Code

rc (USHORT) - return:Return code descriptions are:

- 0 NO\_ERROR
- 385 ERROR\_MOUSE\_NO\_DEVICE
- 466 ERROR\_MOU\_DETACHED

- 501 ERROR\_MOUSE\_NO\_CONSOLE
- 505 ERROR\_MOU\_EXTENDED\_SG

## Bindings

### C

```
#define INCL_MOUSE

USHORT rc = MouGetDevStatus(DeviceStatus, DeviceHandle);

PUSHORT DeviceStatus; /* Current status flags */
HMOU DeviceHandle; /* Mouse device handle */

USHORT rc; /* return code */
```

### MASM

```
EXTRN MouGetDevStatus:FAR
INCL_MOUSE EQU 1

PUSH@ WORD DeviceStatus ;Current status flags
PUSH WORD DeviceHandle ;Mouse device handle
CALL MouGetDevStatus

Returns WORD
```

### Family API

|     |  |  |
|-----|--|--|
| DOS | Process Manager  | DosBeep DosExit DosSleep DosExecPgm  |
|     | File Manager   | DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmdir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown |
|     | Memory Manager   | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias   |
|     | NLS  | DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage  |
|     | Date and Time  | DosSetDateTime DosGetDateTime  |
|     | Devices  | DosDevConfig DosDevIOct1 DosDevIOct2   |
|     | Signals  | DosHoldSignal DosSetSigHandler   |
|     | Misc   | BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec  |
| KBD | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek |  |

| <b>Family API</b> |   |
|-------------------|---|
| 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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