



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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## MouSetPtrPos

This call directs the mouse driver to set a new row and column coordinate position for the mouse pointer.

### Syntax

```
MouSetPtrPos (PtrPos, DeviceHandle)
```

### Parameters

- PtrPos (PPTRLOC) - input : Address of the mouse pointer position structure:
  - pointerrow (USHORT) : New pointer row coordinate (pels or characters).
  - pointercol (USHORT) : New pointer column coordinate (pels or characters).
- DeviceHandle (HMOU) - input : Handle of the mouse device from a previous MouOpen.

### Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO\_ERROR
- 385 ERROR\_MOUSE\_NO\_DEVICE
- 387 ERROR\_MOUSE\_INV\_PARMS
- 466 ERROR\_MOU\_DETACHED
- 501 ERROR\_MOUSE\_NO\_CONSOLE
- 505 ERROR\_MOU\_EXTENDED\_SG

### Remarks

The application must ensure that the coordinate position specified conforms to the current display mode orientation for the session. Pel values must be used for graphics modes and character values

for text modes.

This function has no effect on the display's current collision area definition as specified by the MouDrawPtr call. If the mouse pointer image is directed into a defined collision area, the pointer image is not drawn until either the pointer is moved outside the collision area or the collision area is released by the MouDrawPtr call.

## Bindings

### C

```
typedef struct _PTRLOC { /* moupl */
    USHORT row;          /* pointer row coordinate screen position */
    USHORT col;          /* pointer column coordinate screen position */
} PTRLOC;

#define INCL_MOU

USHORT  rc = MouSetPtrPos(PtrPos, DeviceHandle);

PTRLOC  PtrPos;          /* Double word structure */
HMOU    DeviceHandle;    /* Mouse device handle */

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

### MASM

```
PTRLOC  struc
    moupl_row  dw  ? ;pointer row coordinate screen position
    moupl_col  dw  ? ;pointer column coordinate screen position
PTRLOC  ends

EXTRN  MouSetPtrPos:FAR
INCL_MOU      EQU 1

PUSH@  OTHER  PtrPos          ;Double word structure
PUSH    WORD   DeviceHandle    ;Mouse device handle
CALL    MouSetPtrPos

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 |
|            | 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 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    |                 | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL                                                                                                                                                                                                                                                                                                                   |
| Libraries  |                 | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB                                                                                                                                                                                                                                                                                                            |

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