



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

2021/09/17 04:47 · prokushev · [0 Comments](#)

2021/08/20 03:18 · prokushev · [0 Comments](#)

# 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
```

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Last update: **2021/10/14 09:46**

