



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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## MouGetPtrPos

This call queries the mouse driver to determine the current row and column coordinate position of the mouse pointer.

### Syntax

```
MouGetPtrPos (PtrPos, DeviceHandle);
```

### Parameters

- PtrPos ([PPTRLOC](#)) - output: Address of the mouse pointer position structure.
- DeviceHandle ([HMOU](#)) - input: Contains the handle of the mouse device obtained 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

### Remarks

For a text window (VIO) application, the text window is a view on the larger logical video buffer (LVB). The mouse pointer can be outside that view and still be within the extent of the LVB. MouGetPtrPos then returns the coordinates of the cell under the mouse pointer. If the pointer is outside the LVB image extent, the coordinates of the nearest LVB cell are returned. In either case, the LVB is scrolled until the reported LVB cell appears within the view window.

## 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 = MouGetPtrPos(PtrPos, DeviceHandle);

PPTRLOC      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 MouGetPtrPos:FAR
INCL_MOU EQU 1

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

Returns WORD
```

## Example

```
#define INCL_MOU
#include <os2.h>

PPTRLOC PtrPos; /* Pointer to the mouse pointer data structure. */
HMOU DeviceHandle; /* Reserved. Must be 0. */
APIRET rc; /* Return code. */

rc = MouGetPtrPos(PtrPos, DeviceHandle);
```

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