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);

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  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 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 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

2018/08/25 15:05 · prokushev · 0 Comments

From:
https://ftp.osfree.org/doku/ - **osFree wiki**

Permanent link:
https://ftp.osfree.org/doku/doku.php?id=en:docs:fapi:mousetptrpos

Last update: **2021/11/04 13:05**