This call assigns to the current mouse device driver a new pair of 1-word scaling factors.

Syntax

MouSetScaleFact (ScaleStruct, DeviceHandle)

Parameters

;ScaleStruct (PSCALEFACT) - input : Address of the control block structure that contains the current row and column coordinate scaling factors. ;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

MouSetScaleFact sets the mickey-to-pixel ratio for mouse motion. The row scale and column scale ratios specify a number of mickeys for each 8 pixels. The default value for the row scale is 16 mickeys for each 8 pixels. The default value for the column scale is 8 mickeys to 8 pixels.

The number of pixels moved does not have to correspond 1-to-1 with the number of mickeys the mouse moves. The scaling factor defines a sensitivity for the mouse that is a ratio of the number of mickeys required to move the cursor 8 pixels on the screen. The sensitivity determines at what rate the cursor moves on the screen.

Bindings

C

<PRE> typedef struct _SCALEFACT { /* mousc */

```
USHORT rowScale;          /* row scaling factor */
USHORT colScale;          /* column coordinate scaling factor */
```

} SCALEFACT;

#define INCL_MOU

USHORT rc = MouSetScaleFact(ScaleStruct, DeviceHandle);

PSCALEFACT ScaleStruct; /* 2-word structure */ HMOU DeviceHandle; /* Mouse device handle */

USHORT rc; /* return code */ </PRE>

MASM

<PRE> SCALEFACT struc

```
mousc_rowScale  dw  ? ;row scaling factor
mousc_colScale  dw  ? ;column coordinate scaling factor
```

SCALEFACT ends

EXTRN MouSetScaleFact:FAR INCL_MOU EQU 1

PUSH@ OTHER ScaleStruct ;2-word structure PUSH WORD DeviceHandle ;Mouse device handle CALL MouSetScaleFact

Returns WORD </PRE>

Mou

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