MouSetDevStatus

Bindings: C, MASM

This call sets the mouse device driver status flags for the installed mouse device driver.

MouSetDevStatus (DeviceStatus, DeviceHandle)

DeviceStatus (**PUSHORT**) - input Address of the desired status flag settings.

The passed parameter is a 2-byte set of flags. Only the high-order byte has meaning.

Bit	Description
15-10	Reserved, set to zero.
9 Set	if mouse device is to return data in mickeys.
8 Set	if the drawing operations for the pointer draw routine are to be disabled.
7-0	Reserved, set to zero.

DeviceHandle (**HMOU**) - input Handle of the mouse device from a previous MouOpen.

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

MouSetDevStatus is the complement to MouGetDevStatus. However, not all status flags may be set with MouSetDevStatus. Only the flags corresponding to the following functions may be modified:

- Return data in mickeys.
  - Normally, mouse data is returned to the application with the absolute display mode coordinates of the pointer image position on the display screen. By setting this status flag, mouse data is returned in relative mickeys, a unit of mouse movement.
- Don't call pointer draw device.
  - Normally, the pointer draw device driver is called for all drawing operations. By setting this status flag, the mouse device driver does not call the pointer draw device driver. The application must draw any required pointer image on the screen.

C bindings

```
#define INCL_MOU

USHORT  rc = MouSetDevStatus(DeviceStatus, DeviceHandle);
```

```
PUSHORT           DeviceStatus;  /* Status flags */
HMOU              DeviceHandle;  /* Mouse device handle */

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

MASM bindings

```
EXTRN  MouSetDevStatus:FAR
INCL_MOU            EQU 1

PUSH@  WORD    DeviceStatus  ;Status flags
PUSH   WORD    DeviceHandle  ;Mouse device handle
CALL   MouSetDevStatus

Return WORD
```

From:
https://osfree.ru/doku/ - **osFree wiki**

Permanent link:
https://osfree.ru/doku/doku.php?id=en:ibm:prcp:mou:setdevstatus

Last update: **2016/09/15 04:26**