

MouSetEventMask

Bindings: [C](#), [MASM](#)

This call assigns a new event mask to the current mouse device driver.

MouSetEventMask (EventMask, DeviceHandle)

EventMask (**PUSHORT**) - input Address of a value in application storage used to indicate what mouse events are to be placed on the event queue (see [MouReadEventQue](#)) and which events are to be ignored.

The EventMask bit values are described below:

| Bit | Description |
|------|---|
| 15-7 | Reserved, set to zero. |
| 6 | Set to report button 3 press/release events, without mouse motion |
| 5 | Set to report button 3 press/release events, with mouse motion |
| 4 | Set to report button 2 press/release events, without mouse motion |
| 3 | Set to report button 2 press/release events, with mouse motion |
| 2 | Set to report button 1 press/release events, without mouse motion |
| 1 | Set to report button 1 press/release events, with mouse motion |
| 0 | Set to mouse motion events with no button press/release events |

A bit clear setting (set to zero) in an *EventMask* bit position indicates that the associated type of event is not reported to the application. Note also that the mouse buttons are always numbered from left to right. When the mouse is properly positioned for use, the left-hand button is button 1.

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 |
| 466 | ERROR_MOU_DETACHED |
| 501 | ERROR_MOUSE_NO_CONSOLE |
| 505 | ERROR_MOU_EXTENDED_SG |

Remarks

Setting a bit in the event mask means that the associated event is reported on the mouse FIFO event queue. See [MouReadEventQue](#) for examples of event mask use.

C bindings

```
#define INCL_MOU

USHORT rc = MouSetEventMask(EventMask, DeviceHandle);
```

```
PUSHORT      EventMask;      /* Mouse device event mask ptr */
HMOU         DeviceHandle;    /* Mouse device handle */

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

MASM bindings

```
EXTRN  MouSetEventMask:FAR
INCL_MOU      EQU 1

PUSH@  WORD    EventMask      ;Mouse device event mask ptr
PUSH    WORD    DeviceHandle   ;Mouse device handle
CALL    MouSetEventMask

Returns  WORD
```

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