 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

MouSetEventMask

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

Syntax

```
MouSetEventMask (EventMask, DeviceHandle)
```

Parameters

- 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.

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

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.

Bindings

C

```
#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

```
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
```

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://osfree.org/doku/ - **osFree wiki**

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

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