This call returns the current status for the mouse device driver event queue.

Syntax

MouGetNumQueEl (QueDataRecord, DeviceHandle)

Parameters

;QueDataRecord (PMOUQUEINFO) - output : Address of the mouse queue status structure: :numqelements (USHORT) : Current number of event queue elements, in the range 0 <> value <> maxnumqelements. :maxnumqelements (USHORT) : Maximum number of queue elements as specified in the QSIZE = NN parameter in DEVICE=MOUSExxx.SYS statement in CONFIG.SYS. ;DeviceHandle (HMOU) - input : Contains the handle of the mouse device obtained 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

The maxnumqelements returned by this function is established during mouse device driver configuration. See the mouse DEVICE=MOUSExxx.SYS statement in the `IBM Operating System/2 Version 1.2 Command Reference` for further details.

Bindings

C

<PRE> typedef struct _MOUQUEINFO { /* mouqi */

```
USHORT cEvents;             /* current number of event queue elements */
USHORT cmaxEvents;          /* MaxNumQueElements value */
```

} MOUQUEINFO;

#define INCL_MOU

USHORT rc = MouGetNumQueEl(QueDataRecord, DeviceHandle);

PMOUQUEINFO ueDataRecord; /* Ptr to 2-word structure */ HMOU DeviceHandle; /* Mouse device handle */

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

MASM

<PRE> MOUQUEINFO struc

```
mouqi_cEvents    dw  ? ;current number of event queue elements
mouqi_cmaxEvents dw  ? ;MaxNumQueElements value
```

MOUQUEINFO ends

EXTRN MouGetNumQueEl:FAR INCL_MOU EQU 1

PUSH@ OTHER QueDataRecord ;Ptr to 2-word structure PUSH WORD DeviceHandle ;Mouse device handle CALL MouGetNumQueEl

Returns WORD </PRE>

Mou

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Last update: **2021/10/06 14:23**