

MouGetNumQueEl

Bindings: C, MASM

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

MouGetNumQueEl (QueDataRecord, DeviceHandle)

QueDataRecord (**PMOUQUEUEINFO**) - 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.

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.

C bindings

```

typedef struct _MOUQUEUEINFO { /* mouqi */
    USHORT cEvents;           /* current number of event queue elements */
    USHORT cmaxEvents;        /* MaxNumQueElements value */
} MOUQUEUEINFO;

#define INCL_MOU

USHORT   rc = MouGetNumQueEl(QueDataRecord, DeviceHandle);

PMOUQUEUEINFO      QueDataRecord; /* Ptr to 2-word structure */
HMOU                DeviceHandle; /* Mouse device handle */

USHORT              rc;           /* return code */

```

MASM bindings

```
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**

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