MouGetNumQueEl

Bindings: C, MASM

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

MouGetNumQueEl (QueDataRecord, DeviceHandle)

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.

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 _MOUQUEINFO {   /* mouqi */
  USHORT cEvents;              /* current number of event queue elements */
  USHORT cmaxEvents;           /* MaxNumQueElements value */
} MOUQUEINFO;

#define INCL_MOU

USHORT  rc = MouGetNumQueEl(QueDataRecord, DeviceHandle);

PMOUQUEINFO      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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