

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;       /* MaxNumQueueElements 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  ? ;MaxNumQueueElements 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**

