 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

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MouGetNumQueEl

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

```c
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 */
```

MASM

```
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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