 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

2021/09/17 04:47 · prokushev · 0 Comments
2021/08/20 03:18 · prokushev · 0 Comments

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

```
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
```

Family API		
DOS	Process Manager	DosBeep DosExit DosSleep DosExecPgm
	File Manager	DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD		KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek
VIO		VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp
Tools		BIND
Modules		DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

2018/08/25 15:05 · prokushev · 0 Comments

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Last update: **2021/11/04 13:14**