 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

DosQHandType

This call determines whether a handle references a file or a device.

Syntax

```
DosQHandType (FileHandle, HandType, FlagWord)
```

Parameters

- FileHandle (HFILE) - input : File handle.
- HandType (PUSHORT) - output : Address of the value indicating the handle type. HandType is composed of two bytes:
  - 15 - Network bit:
    - 0 = The handle refers to a local file, device, or pipe.
    - 1 = Means that the handle refers to a remote file, device, or pipe.
  - 14-8 - Reserved.
  - 7-0 - HandleClass describes the handle class. It may take on the following values in the low byte of HandleType:
    - 0 - Handle is for a disk file
    - 1 - Handle is for a character device
    - 2 - Handle is for a pipe.

Values greater than 2 are reserved.

- FlagWord (PUSHORT) - output : Address of the device driver's attribute word if HandleType indicates a local character device.

Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO_ERROR

- 6 ERROR_INVALID_HANDLE

Remarks

This function allows programs that are interactive or file-oriented to determine the source of their input. For example, CMD.EXE suppresses writing prompts if the input is from a disk file.

Bindings

C

```
#define INCL_DOSFILEMGR

USHORT  rc = DosQHandType(FileHandle, HandType, FlagWord);

HFILE   FileHandle;     /* File handle */
PUSHORT HandType;       /* Handle type (returned) */
PUSHORT FlagWord;       /* Device driver attribute (returned) */

USHORT  rc;             /* return code */
```

MASM

```
EXTRN  DosQHandType:FAR
INCL_DOSFILEMGR     EQU 1

PUSH   WORD     FileHandle     ;File handle
PUSH@  WORD     HandType       ;Handle type (returned)
PUSH@  WORD     FlagWord       ;Device driver attribute (returned)
CALL   DosQHandType

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

From:
https://osfree.org/doku/ - **osFree wiki**

Permanent link:
https://osfree.org/doku/doku.php?id=en:docs:fapi:dosqhandtype

Last update: **2021/09/19 05:38**