



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
```

<b>Family API</b>	
DOS	Process Manager DosBeep DosExit DosSleep DosExecPgm
	File Manager DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSet FileMode DosOpen DosQFileInfo DosRead DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks DosSet FHandState DosNewSize DosBufReset DosQFHandState DosSet FInfo DosShutdown
	Memory Manager DosFreeSeg DosSubAlloc DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGet HugeShift 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	DOSCALS.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: **2021/09/19 05:38**