



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](#)

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DosQFileMode

This call queries the mode (attribute) of the specified file.

Syntax

```
DosQFileMode (FilePathName, CurrentAttribute, Reserved)
```

Parameters

- FilePathName ([PSZ](#)) - input : Address of the file path name.

[DosQSysInfo](#) is called by an application during initialization to determine the maximum path length allowed by OS/2.

- CurrentAttribute ([PUSHORT](#)) - output : Address of the file's current attribute.

^ Bit | Description ^ | 15-6 | Reserved | | 5 | File archive | | 4 | Subdirectory | | 3 | Reserved | | 2 | System file | | 1 | Hidden file | | 0 | Read only file |

These bits can be set individually or in combination. For example, an attribute value of 0021H (bits 5 and 0 set to 1) indicates a read-only file that is archived.

- Reserved ([ULONG](#)) - input : Reserved must be set to zero.

Return Code

rc ([USHORT](#)) - return

Return code descriptions are:

- 0 NO_ERROR
- 2 ERROR_FILE_NOT_FOUND
- 3 ERROR_PATH_NOT_FOUND
- 26 ERROR_NOT_DOS_DISK

- 87 ERROR_INVALID_PARAMETER
- 108 ERROR_DRIVE_LOCKED
- 206 ERROR_FILENAME_EXCED_RANGE

Remarks

The "Volume Label" type attribute is not returned by DosQFileMode. [DosQFSInfo](#) may be used for this purpose.

Example Code

C Binding

```
#define INCL_DOSFILEMGR

USHORT rc = DosQFileMode(FilePathName, CurrentAttribute, Reserved);

PSZ    FilePathName;    /* File path name */
PUSHORT CurrentAttribute; /* Data area (returned) */
ULONG  0;                /* Reserved (must be zero) */

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

MASM Binding

```
EXTRN DosQFileMode:FAR
INCL_DOSFILEMGR EQU 1

PUSH@ ASCIIZ FilePathName ;File path name
PUSH@ WORD CurrentAttribute ;Data area (returned)
PUSH DWORD 0 ;Reserved (must be zero)
CALL DosQFileMode
```

Returns WORD

Note

Text based on <http://www.edm2.com/index.php/DosQFileMode>

| 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 DosDevIOct1 DosDevIOct2 |
| | 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 |

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