



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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## 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

```
<PRE> #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 */ </PRE>
```

## MASM Binding

```
<PRE> 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 </PRE>
```

# 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<br>DosQCurDir DosQCurDisk DosSetFileMode DosOpen DosQFileInfo DosRead<br>DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose<br>DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks<br>DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo<br>DosShutdown |
|            | Memory Manager  | DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg<br>DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias                                                                                                                                                                                                                                                       |
|            | NLS             | DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate<br>DosGetMessage DosInsMessage DosPutMessage                                                                                                                                                                                                                                                                            |
|            | Date and Time   | DosSetDateTime DosGetDateTime                                                                                                                                                                                                                                                                                                                                                               |
|            | Devices         | DosDevConfig DosDevIOCtl DosDevIOCtl2                                                                                                                                                                                                                                                                                                                                                       |
|            | Signals         | DosHoldSignal DosSetSigHandler                                                                                                                                                                                                                                                                                                                                                              |
|            | Misc            | BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass<br>DosSetVec                                                                                                                                                                                                                                                                                                      |
| KBD        |                 | KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek                                                                                                                                                                                                                                                                                                                      |
| VIO        |                 | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf<br>VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt<br>VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf<br>VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell<br>VioWrtNChar VioWrtTTY VioScrLock VioPopUp                                           |

**Family API**

|           |                                                       |
|-----------|-------------------------------------------------------|
| 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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