 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

```
#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 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

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