



# DosQ FileMode

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

## Syntax

```
DosQ FileMode (FilePathName, CurrentAttribute, Reserved)
```

## Parameters

;FilePathName (PSZ) - input : Address of the file path name. ;DosQ SysInfo 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 DosQ FileMode. [DosQFSInfo](#) may be used for this purpose.

## Example Code

### C Binding

```
<PRE> #define INCL_DOSFILEMGR  
  
USHORT rc = DosQ FileMode(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 DosQ FileMode: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 DosQ FileMode

Returns WORD </PRE>

## Note

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

Family API		
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 DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree 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	<a href="#">DOSCALLS.DLL</a> <a href="#">VIOCALLS.DLL</a> <a href="#">KBDCALLS.DLL</a> <a href="#">MSG.DLL</a>	
Libraries	<a href="#">API.LIB</a> <a href="#">OS2386.LIB</a> <a href="#">FAPI.LIB</a> <a href="#">DOSCALLS.LIB</a> <a href="#">SUBCALLS.LIB</a>	

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