



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 · prokushhev · [0 Comments](#)

2021/08/20 03:18 · prokushhev · [0 Comments](#)

DosQSysInfo

This call returns values of static system variables.

Syntax

```
DosQSysInfo (Index, DataBuf, DataBufLen)
```

Parameters

- Index (USHORT) - input : Ordinal of the system variable to return.
- Index = 0 indicates maximum path length. The maximum path length is returned in the first word of the DataBuf.
- DataBuf (PBYTE) - output : Address where the system returns the variable value.
- DataBufLen (USHORT) - input : Length of the data buffer.

Return Code

rc (USHORT) - return:Return code descriptions include:

- 0 NO_ERROR
- 87 ERROR_INVALID_PARAMETER
- 111 ERROR_BUFFER_OVERFLOW

Remarks

An OS/2 application may want to reference file objects managed by an installable file system that supports long file names. Because some installable file systems may support longer names than others, an application should issue DosQSysInfo upon initialization.

DosQSysInfo returns the maximum path length supported by the file system currently installed. The path length includes the drive specifier (d:), the leading "\" and the trailing null character.

The value returned by DosQSysInfo can be used to allocate buffers for storing path names returned by requests, for example, to [DosFindFirst](#) and [DosFindNext](#).

Bindings

C

```
#define INCL_DOSFILEMGR

USHORT rc = DosQSysInfo(Index, DataBuf, DataBufLen);

USHORT Index;           /* Which variable */
PBYTE DataBuf;          /* System information (returned) */
USHORT DataBufLen;      /* Data buffer size */

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

MASM

```
EXTRN DosQSysInfo:FAR
INCL_DOSFILEMGR EQU 1

PUSH WORD Index           ;Which variable
PUSH@ OTHER DataBuf       ;System information (returned)
PUSH WORD DataBufLen      ;Data buffer size
CALL DosQSysInfo

Returns WORD
```

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

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 DosSet FHandState DosNewSize DosBufReset DosQFHandState DosSet FInfo
	Memory Manager DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreate CS Alias
	NLS DosCaseMap DosGet Ctry Info DosGet DBCSEv DosSet Ctry Code DosGet Collate DosGet Message DosIns Message DosPut Message
	Date and Time DosSet Date Time DosGet Date Time
	Devices DosDevConfig DosDevIOCtl DosDevIOCtl2
	Signals DosHoldSignal DosSet Sig Handler
	Misc BadDynLink DosGet Env DosGet Machine Mode DosGet Version DosError DosErr Class DosSet Vec
KBD	KbdCharIn KbdFlushBuffer KbdGet Status KbdSet Status KbdStringIn KbdPeek
VIO	VioGet Buf VioGet Config VioGet Cur Pos VioGet Cur Type VioGet Phys Buf VioRead Cell Str VioRead Char Str VioScroll Up VioScroll Dn VioScroll If VioScroll Rt VioScr Un Lock VioSet Cur Pos VioSet Cur Type VioSet Mode VioGet Mode VioShow Buf VioWrt Cell Str VioWrt Char Str VioWrt Char Str Att VioWrt N Attr VioWrt N Cell VioWrt N Char VioWrt TTY VioScr Lock VioPop Up
Tools	BIND
Modules	DOSCALLS.DLL VIOCALS.DLL KBDCALLS.DLL MSG.DLL
Libraries	API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

2018/08/25 15:05 · prokushev · 0 Comments

From:
<http://osfree.org/doku/> - osFree wiki

Permanent link:
<http://osfree.org/doku/doku.php?id=en:docs:fapi:dosqsysinfo>

Last update: **2021/09/13 15:37**

