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

<PRE> #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 */ </PRE>

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
```

http://www.edm2.com/index.php/DosQSysInfo

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