 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 · prokushev · 0 Comments
2021/08/20 03:18 · prokushev · 0 Comments

DosQCurDir

This call returns the full path name of the current directory for the requesting process for the specified drive.

Syntax

```
DosQCurDir (DriveNumber, DirPath, DirPathLen)
```

Parameters

- DriveNumber (USHORT) - input : Drive number, for example:

Value

```
Definition 0
default 1
A 2
B ...
```

- DirPath (PBYTE) - output : Address of the fully qualified path name of current directory.
- DirPathLen (PUSHORT) - input/output : Address of the length of the DirPath buffer. On input, this field contains the length of the directory path buffer in bytes. On output, if an error is returned because the buffer is too small, this field contains the required length.

Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO_ERROR
- 15 ERROR_INVALID_DRIVE
- 26 ERROR_NOT_DOS_DISK
- 108 ERROR_DRIVE_LOCKED

- 111 ERROR_BUFFER_OVERFLOW

Remarks

The drive letter is not part of the returned string. The string does not begin with a backslash and is terminated by a byte containing 00H.

The system returns the length of the returned DirPath string in DirPathLen, which does not include the terminating null byte. In the case where the DirPath buffer is of insufficient length to hold the current directory path string, the system returns the required length (in bytes) for DirPath in DirPathLen.

For FSDs, the case of the current directory is set according to the DirName passed in, not according to the case of the directories on disk. For example, if the directory “c:\bin” is created and DosChDir is called with DirName “c:\bin”, the current directory returned by DosQCurDir will be “c:\bin”.

Programs running without the NEWFILES bit set are allowed to DosChDir to a non-8.3 filename format directory.

DosQSysInfo must be used by an application to determine the maximum path length supported by OS/2. The returned value should be used to dynamically allocate buffers that are to be used to store paths.

Bindings

C Binding

```
#define INCL_DOSFILEMGR

USHORT  rc = DosQCurDir(DriveNumber, DirPath, DirPathLen);

USHORT  DriveNumber;   /* Drive number */
PBYTE   DirPath;       /* Directory path buffer (returned) */
PUSHORT DirPathLen;    /* Directory path buffer length (returned) */

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

MASM Binding

```
EXTRN  DosQCurDir:FAR
INCL_DOSFILEMGR     EQU 1

PUSH   WORD    DriveNumber   ;Drive number
PUSH@  OTHER   DirPath       ;Directory path buffer (returned)
PUSH@  WORD    DirPathLen    ;Directory path buffer length (returned)
CALL   DosQCurDir
```

Returns WORD

Note

Text based on http://www.edm2.com/index.php/DosQCurDir

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

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

From:
https://ftp.osfree.org/doku/ - **osFree wiki**

Permanent link:
https://ftp.osfree.org/doku/doku.php?id=en:docs:fapi:dosqcurdir&rev=1631860788

Last update: **2021/09/17 06:39**