

# DosChDir

This call defines the current directory for the requesting process.

#### Syntax

DosChDir (DirName, Reserved)

#### Parameters

;DirName (PSZ) - input : Address of the ASCIIZ directory path name. ;Reserved (ULONG) - input : Reserved and 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 * 5 ERROR_ACCESS_DENIED * 8 ERROR_NOT_ENOUGH_MEMORY * 26 ERROR_NOT_DOS_DISK * 87 ERROR_INVALID_PARAMETER * 108 ERROR_DRIVE_LOCKED * 206 ERROR_FILENAME_EXCED_RANGE

#### Remarks

The directory path is not changed if any member of the path does not exist. The current directory changes only for the requesting process.

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.

#### Example Code

### C Binding

<PRE> #define INCL_DOSFILEMGR

USHORT rc = DosChDir(DirName, Reserved);

PSZ DirName; /* Directory path name * ULONG 0; /* Reserved (must be zero) */

USHORT rc; /* return code */ </PRE>

This example changes directories to \os2\system. <PRE> #define INCL_DOSFILEMGR

#define PATH “\\os2\\system” #define RESERVED 0L

USHORT rc;

```
 rc = DosChDir(PATH, RESERVED);
```

</PRE>

### MASM Binding

<PRE> EXTRN DosChDir:FAR INCL_DOSFILEMGR EQU 1

PUSH@ ASCIIZ DirName ;Directory path name string PUSH DWORD 0 ;Reserved (must be zero) CALL DosChDir

Returns WORD </PRE>

### Note

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

| **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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