 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

DosMkDir

This call creates a subdirectory.

Syntax

```
DosMkDir (DirName, Reserved)
```

Parameters

- DirName (PSZ) - input : Address of the ASCIIZ directory path name, which may or may not include a drive specification. If no drive is specified, the current drive is assumed. DosQSysInfo is called by an application during initialization to determine the maximum path length allowed by OS.
- Reserved (ULONG) - input : Reserved and must be set to zero.

Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO_ERROR
- 3 ERROR_PATH_NOT_FOUND
- 5 ERROR_ACCESS_DENIED
- 26 ERROR_NOT_DOS_DISK
- 87 ERROR_INVALID_PARAMETER
- 108 ERROR_DRIVE_LOCKED
- 206 ERROR_FILENAME_EXCED_RANGE

Remarks

If any subdirectory names in the path do not exist, the subdirectory is not created. Upon return, a subdirectory is created at the end of the specified path.

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

If a program running with the NEWFILES bit set tries to create a directory with blanks immediately preceding the dot on a FAT drive, the system rejects the name. For example, if c: is a FAT drive, the name “file .txt” is rejected and the name “file.txt” is accepted.

Example Code

C Binding

```
#define INCL_DOSFILEMGR

USHORT  rc = DosMkDir(DirName, Reserved);

PSZ             DirName;        /* New directory string name */
ULONG           0;              /* Reserved (must be zero) */

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

MASM Binding

```
EXTRN  DosMkDir:FAR
INCL_DOSFILEMGR     EQU 1

PUSH@  ASCIIZ  DirName       ;New directory name string
PUSH   DWORD   0             ;Reserved (must be zero)
CALL   DosMkDir
```

Returns WORD

Note

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

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

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