



# 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. ;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/2. 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

```
<PRE> #define INCL_DOSFILEMGR
```

```
USHORT rc = DosMkDir(DirName, Reserved);

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

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

## MASM Binding

```
<PRE> 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 </PRE>

## 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 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 FSInfo
	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	DosHold Signal 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	<a href="#">DOSCALLS.DLL</a> <a href="#">VIOCALLS.DLL</a> <a href="#">KBDCALLS.DLL</a> <a href="#">MSG.DLL</a>	
Libraries	<a href="#">API.LIB</a> <a href="#">OS2386.LIB</a> <a href="#">FAPI.LIB</a> <a href="#">DOSCALLS.LIB</a> <a href="#">SUBCALLS.LIB</a>	

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