



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

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# DosNewSize

This call changes the size of a file.

## Syntax

```
DosNewSize (FileHandle, FileSize)
```

## Parameters

- FileHandle ([HFILE](#)) - input : Handle of the file whose size is being changed.
- FileSize ([ULONG](#)) - input : File's new size in bytes.

## Return Code

rc ([USHORT](#)) - return

Return code descriptions are:

- 0 NO\_ERROR
- 5 ERROR\_ACCESS\_DENIED
- 6 ERROR\_INVALID\_HANDLE
- 26 ERROR\_NOT\_DOS\_DISK
- 33 ERROR\_LOCK\_VIOLATION
- 87 ERROR\_INVALID\_PARAMETER
- 112 ERROR\_DISK\_FULL

## Remarks

When DosNewSize is called, the file must be open in a mode that allows write access. If the file is a read-only file, its read-only status must be changed with DosSetFileMode before you can open the file for write access.

The open file can be truncated or extended in size. If the file is being extended, the file system makes a reasonable attempt to allocate the additional bytes for the file in a contiguous (or nearly contiguous) space on the medium. The value of the new bytes is undefined.

## Example Code

### C Binding

```
#define INCL_DOSFILEMGR

USHORT rc = DosNewSize(FileHandle, FileSize);

HFILE      FileHandle;    /* File handle */
ULONG      FileSize;      /* File's new size */

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

### MASM Binding

```
EXTRN DosNewSize:FAR
INCL_DOSFILEMGR EQU 1

PUSH WORD FileHandle ;File handle
PUSH DWORD FileSize ;File's new size
CALL DosNewSize
```

Returns WORD

## Note

Text based on <http://www.edm2.com/index.php/DosNewSize>

| 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 DosDevIOctI DosDevIOctI2                                                                                                                                                                                                                                                                                                                                        |
|            | 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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