 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 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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