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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DosSubFree

This call frees memory previously allocated by DosSubAlloc.

Syntax

```
DosSubFree (SegSelector, BlockOffset, Size)
```

Parameters

- SegSelector (SEL) - input : Data segment selector.
- BlockOffset (USHORT) - input : Memory block offset. The value specified must equal the BlockOffset returned on a previous DosSubAlloc call.
- Size (USHORT) - input : Size, in bytes, of the block to be freed.

Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO_ERROR
- 312 ERROR_DOSSUB_OVERLAP
- 313 ERROR_DOSSUB_BADSIZE

Remarks

DosSubFree specifies the offset of a block of memory previously suballocated by a DosSubAlloc request. If the block specified overlaps memory in the segment that is not suballocated, an error is returned. Like DosSubAlloc, the size parameter must be a multiple of four bytes; otherwise, it is rounded up to a multiple of four bytes.

The allocated segment is freed by calling DosFreeSeg.

Example Code

C Binding

```
#define INCL_DOSMEMMGR

USHORT  rc = DosSubFree(SegSelector, BlockOffset, Size);

SEL           SegSelector;   /* Segment selector */
USHORT        BlockOffset;   /* Offset of memory block to free */
USHORT        Size;          /* Size of block in bytes */

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

MASM Binding

```
EXTRN   DosSubFree:FAR
INCL_DOSMEMMGR        EQU 1

PUSH    WORD    SegSelector   ;Segment selector
PUSH    WORD    BlockOffset   ;Offset of memory block to free
PUSH    WORD    Size          ;Size of block in bytes
CALL    DosSubFree
```

Returns WORD

Note

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

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	
	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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