 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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VioModeUndo

This call allows one thread within a process to cancel a VioModeWait issued by another thread within the same process.

Syntax

```
VioModeUndo (OwnerIndic, KillIndic, Reserved)
```

Parameters

- OwnerIndic (USHORT) - input : Indicates whether the thread issuing VioModeUndo wants ownership of VioModeWait to be reserved for its process.
  - 0 - Reserve ownership
  - 1 - Give up ownership
- KillIndic (USHORT) - input : Indicates whether the thread (with the outstanding VioModeWait) should be returned an error code or be terminated.
  - 0 - Return error code
  - 1 - Terminate thread
- Reserved (USHORT) - input : Reserved word of 0s.

Return Code

rc (USHORT) - return:Return code descriptions are:

- 0 NO_ERROR
- 421 ERROR_VIO_INVALID_PARMS
- 422 ERROR_VIO_FUNCTION_OWNED
- 427 ERROR_VIO_NO_MODE_THREAD
- 430 ERROR_VIO_ILLEGAL_DURING_POPUP
- 465 ERROR_VIO_DETACHED
- 486 ERROR_VIO_BAD_RESERVE
- 494 ERROR_VIO_EXTENDED_SG

Remarks

VioModeUndo may be issued only by a thread within the process that owns VioModeWait. The thread issuing VioModeUndo can either reserve ownership of the VioModeWait function for its process or give up ownership. The thread whose VioModeWait is cancelled is optionally terminated.

Bindings

C

```
#define INCL_VIO

USHORT  rc = VioModeUndo(OwnerIndic, KillIndic, Reserved);

USHORT  OwnerIndic;     /* Ownership indicator */
USHORT  KillIndic;      /* Terminate indicator */
USHORT  Reserved;       /* Reserved (must be zero) */

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

MASM

```
EXTRN  VioModeUndo:FAR
INCL_VIO            EQU 1

PUSH   WORD    OwnerIndic    ;Ownership indicator
PUSH   WORD    KillIndic     ;Terminate indicator
PUSH   WORD    Reserved      ;Reserved (must be zero)
CALL   VioModeUndo

Returns WORD
```

http://www.edm2.com/index.php/VioModeUndo_(OS/2_1.x)

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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