



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

2021/09/17 04:47 · prokushev · [0 Comments](#)

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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)
</codE>
```

===== 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====

<code 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_\(OS/2_1.x\)](http://www.edm2.com/index.php/VioModeUndo_(OS/2_1.x))

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