



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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