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====
```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)