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)
```

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)