



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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This call scrolls the entire display buffer (or area specified within the display buffer) up.

### Syntax

VioScrollUp (TopRow, LeftCol, BotRow, RightCol, Lines, Cell, VioHandle)

### Parameters

- TopRow (USHORT) - input: Top row to be scrolled.
- LeftCol (USHORT) - input: Left column to be scrolled.
- BotRow (USHORT) - input: Bottom row to be scrolled.
- RightCol (USHORT) - input: Right column to be scrolled.
- Lines (USHORT) - input: Number of lines to be inserted at the bottom of the screen area being scrolled. If 0 is specified, no lines are scrolled.
- Cell (PBYTE) - input: Address of the character attribute(s) pair (2 or 4 bytes) used as a fill character on inserted lines.
- VioHandle (HVIO) - input: This must be zero unless the caller is a Presentation Manager application, in which case it must be the value returned by VioGetPs.

### Return Code

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

- 0 NO\_ERROR
- 355 ERROR\_VIO\_MODE
- 358 ERROR\_VIO\_ROW
- 359 ERROR\_VIO\_COL
- 436 ERROR\_VIO\_INVALID\_HANDLE
- 465 ERROR\_VIO\_DETACHED

### Remarks

TopRow = 0 and LeftCol = 0 identifies the top left corner of the screen.

If a value greater than the maximum value is specified for TopRow, LeftCol, BotRow, RightCol, or Lines, the maximum value for that parameter is used.

If TopRow and LeftCol = 0 and if BotRow, RightCol, and Lines = 65535 (or -1 in assembler language),

the entire screen is filled with the character-attribute pair defined by Cell.

## Bindings

### C

```
#define INCL_VIO

USHORT rc = VioScrollUp(TopRow, LeftCol, BotRow, RightCol, Lines, Cell,
                        VioHandle);

USHORT TopRow;      /* Top row */
USHORT LeftCol;     /* Left column */
USHORT BotRow;      /* Bottom row */
USHORT RightCol;    /* Right column */
USHORT Lines;       /* Number of lines */
PBYTE Cell;         /* Fill character */
HVIO VioHandle;     /* Video handle */

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

### MASM

```
EXTRN VioScrollUp:FAR
INCL_VIO EQU 1

PUSH WORD TopRow ;Top row
PUSH WORD LeftCol ;Left column
PUSH WORD BotRow ;Bottom row
PUSH WORD RightCol ;Right column
PUSH WORD Lines ;Number of lines
PUSH@ OTHER Cell ;Fill character
PUSH WORD VioHandle ;Video handle
CALL VioScrollUp

Returns WORD
```

## Related Functions

[\\*VioScrollDn](#)

| 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 DosDevIOct1 DosDevIOct2   |
|            | 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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