



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

```
<PRE> #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 */ </PRE>
```

## MASM

```
<PRE> 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 </PRE>
```

### Related Functions

[\\*VioScrollDn](#)

| Family API |  |  |
|------------|--|--|
| DOS        | Process Manager  | <a href="#">DosBeep</a> <a href="#">DosExit</a> <a href="#">DosSleep</a> <a href="#">DosExecPgm</a>  |
|            | File Manager   | <a href="#">DosChDir</a> <a href="#">DosChgFilePtr</a> <a href="#">DosClose</a> <a href="#">DosDelete</a> <a href="#">DosDupHandle</a> <a href="#">DosMkDir</a> <a href="#">DosMove</a> <a href="#">DosQCurDir</a> <a href="#">DosQCurDisk</a> <a href="#">DosSetFileMode</a> <a href="#">DosOpen</a> <a href="#">DosQFileInfo</a> <a href="#">DosRead</a> <a href="#">DosQFileMode</a> <a href="#">DosQFSInfo</a> <a href="#">DosQVerify</a> <a href="#">DosRmDir</a> <a href="#">DosSelectDisk</a> <a href="#">DosFindClose</a> <a href="#">DosFindFirst</a> <a href="#">DosFindNext</a> <a href="#">DosSetFileInfo</a> <a href="#">DosSetVerify</a> <a href="#">DosWrite</a> <a href="#">DosFileLocks</a> <a href="#">DosSetFHandState</a> <a href="#">DosNewSize</a> <a href="#">DosBufReset</a> <a href="#">DosQFHandState</a> <a href="#">DosSetFSInfo</a> <a href="#">DosShutdown</a> |
|            | Memory Manager   | <a href="#">DosFreeSeg</a> <a href="#">DosSubAlloc</a> <a href="#">DosSubFree</a> <a href="#">DosSubSet</a> <a href="#">DosAllocHuge</a> <a href="#">DosAllocSeg</a> <a href="#">DosReallocHuge</a> <a href="#">DosReallocSeg</a> <a href="#">DosGetHugeShift</a> <a href="#">DosCreateCSAlias</a>   |
|            | NLS  | <a href="#">DosCaseMap</a> <a href="#">DosGetCtryInfo</a> <a href="#">DosGetDBCSEv</a> <a href="#">DosSetCtryCode</a> <a href="#">DosGetCollate</a> <a href="#">DosGetMessage</a> <a href="#">DosInsMessage</a> <a href="#">DosPutMessage</a>  |
|            | Date and Time  | <a href="#">DosSetDateTime</a> <a href="#">DosGetDateTime</a>  |
|            | Devices  | <a href="#">DosDevConfig</a> <a href="#">DosDevIOct1</a> <a href="#">DosDevIOct12</a>  |
|            | Signals  | <a href="#">DosHoldSignal</a> <a href="#">DosSetSigHandler</a>   |
|            | Misc   | <a href="#">BadDynLink</a> <a href="#">DosGetEnv</a> <a href="#">DosGetMachineMode</a> <a href="#">DosGetVersion</a> <a href="#">DosError</a> <a href="#">DosErrClass</a> <a href="#">DosSetVec</a>  |
| KBD        | <a href="#">KbdCharIn</a> <a href="#">KbdFlushBuffer</a> <a href="#">KbdGetStatus</a> <a href="#">KbdSetStatus</a> <a href="#">KbdStringIn</a> <a href="#">KbdPeek</a> |  |

| <b>Family API</b> |   |
|-------------------|---|
| VIO               | VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf<br>VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt<br>VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf<br>VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell<br>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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