



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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## VioPrtSc

This call is issued by the Session Manager when the operator presses PrtSc.

### Syntax

```
VioPrtSc (VioHandle)
```

### Parameters

```
VioHandle ([[HVI0]]) - input: Reserved word of 0s.
```

### Return Code

rc ([USHORT](#)) - return

Return code descriptions are:

- 0 NO\_ERROR
- 355 ERROR\_VIO\_MODE
- 402 ERROR\_VIO\_SMG\_ONLY
- 436 ERROR\_VIO\_INVALID\_HANDLE
- 465 ERROR\_VIO\_DETACHED

### Remarks

VioPrtSc supports text modes 0 through 3, and 7. An Alternate Video Subsystem may want to register a replacement for VioPrtSc. An advanced video subsystem could set a graphics mode while the mode known to the base video subsystem PrtSc routine is text. Then, if the operator presses PrtSc, the printer output is unpredictable. VioPrtSc is reserved for use by the session manager. Application programs may not issue VioPrtSc.

Three beeps are generated if a hard error is detected while writing to the printer.

# Bindings

## C

```
#define INCL_VIO

USHORT rc = VioPrtSc(VioHandle);
HVIO    VioHandle;    /* Vio handle */

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

## MASM

```
EXTRN VioPrtSc:FAR
INCL_VIO EQU 1

PUSH WORD VioHandle ;Vio handle
CALL VioPrtSc

Returns WORD
```

Text based on <http://www.edm2.com/index.php/VioPrtSc>

| 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 DosDevIOctl DosDevIOctl2                                                                                                                                                                                                                                                                                                                                        |
|            | 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                                        |

**Family API**

|           |                                                       |
|-----------|-------------------------------------------------------|
| 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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