



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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VioGetFont

This call returns either the font table of the size specified or the font in use.

Syntax

```
VioGetFont (RequestBlock, VioHandle)
```

Parameters

- RequestBlock ([PVIOFONTINFO](#)) - input/output: Address of the font structure that returns current RAM font or specified ROM or code page font depending on the request type.
- VioHandle ([HVIO](#)) - input : Reserved word of 0s.

Return Code

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

- 0 NO_ERROR
- 355 ERROR_VIO_MODE
- 421 ERROR_VIO_INVALID_PARMS
- 438 ERROR_VIO_INVALID_LENGTH
- 465 ERROR_VIO_DETACHED
- 467 ERROR_VIO_FONT
- 494 ERROR_VIO_EXTENDED_SG

Remarks

For reqtype = 1, return ROM font, the font size requested must be supported by the display adapter installed. The 8×8, 8×14, 9×14, 8×16, or 9×16 character font may be requested for the VGA or PS/2 Display Adapters. The 8×8, 8×14, or 9×14 font may be requested for the enhanced graphics adapter. The 8×8 font may be requested for the colour graphics adapter.

Note: Although graphics mode support is provided in VioGetFont, this support is not provided by the Base Video Handlers provided with OS/2.

For reqtype = 1, return ROM font, the far address returned is a ROM pointer only for those fonts where the font table for the full 256-character set is actually contained in ROM. Otherwise, the far address returned is a RAM pointer. Note that for 8×8 on the CGA, the font table for the full 256-character set is returned. For 9×14 or 9×16 the font table for the full 256-character set is also returned. Partial fonts are not returned. The 9×14 and 9×16 fonts are derived from variations of the 8×14 and 8×16 fonts, respectively, where the definitions of fonts for those characters that are different, are replaced.

For VioGetFont specifying reqtype = 1, return ROM font, the font returned is derived from the fonts contained in the system, EGA, VGA, and PS/2 Display Adapter BIOS data areas as applicable. There is an exception for the EGA, VGA and PS/2 Display Adapter when [VioSetCp](#) or [VioSetFont](#) has been issued. In that case, the font of the size requested is returned from the active code page or the list of user fonts already set.

Bindings

C

```
typedef struct _VIOFONTINFO { /* viofi */
    USHORT    cb;           /* length of this structure */
    USHORT    type;         /* request type */
    USHORT    cxCell;       /* pel columns in character cell */
    USHORT    cyCell;       /* pel rows in character cell */
    PVOID     pbData;       /* requested font table (returned) */
    USHORT    cbData;       /* length of caller supplied data area (in
bytes) */
} VIOFONTINFO;

#define INCL_VIO

USHORT    rc = VioGetFont(RequestBlock, VioHandle);

PVIOFONTINFO    RequestBlock; /* Request block */
HVIO            VioHandle;    /* Vio handle */

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

MASM

```
VIOFONTINFO struc
    viofi_cb      dw    ? ;length of this structure
    viofi_type    dw    ? ;request type
    viofi_cxCell  dw    ? ;pel columns in character cell
    viofi_cyCell  dw    ? ;pel rows in character cell
```

```

    viofi_pbData  dd  ? ;requested font table (returned)
    viofi_cbData  dw  ? ;length of caller supplied data area (in bytes)
VIOFONTINFO ends

```

```

EXTRN  VioGetFont:FAR

```

```

INCL_VIO          EQU 1

```

```

PUSH@  OTHER    RequestBlock  ;Request block

```

```

PUSH    WORD     VioHandle     ;Vio handle

```

```

CALL    VioGetFont

```

Returns **WORD**

<http://www.edm2.com/index.php/VioGetFont>

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
Tools		BIND
Modules		DOSCALLS.DLL VIOCALLS.DLL KBDSCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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