

Note: This IBM PC BIOS API call is for DOS/Win16 personality only. Use Family API for portability.

Note: osFree Macro Library provides macros for most of functions

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@SetCurSz/@SetCsrSize

Version

IBM 5150 and higher

Brief

Set Cursor Shape Size

BIOS Interrupt

INT10H: 01H

Family API

VioSetCurType

Syntax

```
INCLUDE BIOS.INC

@SetCurSz first, last
```

Parameters

- first (BYTE) - first scan line
- last (BYTE) - last scan line

Return

none

Notes

- Macro contains bug workaound: AMI 386 BIOS and AST Premier 386 BIOS will lock up the system if AL is not equal to the current video mode
- buggy on EGA systems–BIOS remaps cursor shape in 43 line modes, but returns unmapped cursor shape
- UltraVision scales size to the current font height by assuming 14-line monochrome and 8-line color fonts; this call is not valid if cursor emulation has been disabled
- applications which wish to change the cursor by programming the hardware directly on EGA or above should call INT 10/AX=1130h or read 0040h:0085h first to determine the current font height
- on some adapters, setting the end line greater than the number of lines in the font will result in the cursor extending to the top of the next character cell on the right
- AMI 386 BIOS and AST Premier 386 BIOS will lock up the system if AL is not equal to the current video mode

IBM PC BIOS API	
Video I/O	**INT 10H**: 00H, 01H, 02H, 03H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0CH, 0DH, 0EH, 0FH
Hardware info	INT 11H, INT 12H
Serial I/O	**INT 14H**: 00H, 01H, 02H, 03H
Tape I/O	**INT 15H**: 00H, 01H, 02H, 03H
Keyboard I/O	**INT 16H**: 00H, 01H, 02H
Printer I/O	**INT 17H**: 00H, 01H, 02H
Disk I/O	**INT 13H**: 00H, 01H, 02H, 03H, 04H, 05H
Date and Time	**INT 1AH**: 00H, 01H
osFree Macro Library	
Video I/O	@SetMode @SetCurSz @SetCurPos @GetCur @SetPage @ScrollUp @ScrollDn @Scroll @GetChAtr @PutChAtr @PutCh @SetPalet @SetColor @SetDot @GetDot @WrtTTY @VideoState @GetMode @GetDisplay @GetVideoState @GetEGAInfo @Cls
Hardware info	@Equipment @MemSize
Serial I/O	@AuxInit @AuxSendChar @AuxRecieveChar @AuxStatus
Tape I/O	@TapeOn @TapeOff @TapeRead @TapeWrite
Keyboard I/O	@KbdStatus @CharIn @CharPeek
Printer I/O	@PrnPrint @PrnInit @PrnStatus
Disk I/O	@DskReset @DskStatus @DskRead @DskWrite @DskVerify @DskFormat
Date and Time	@SetTime @GetTime
Mouse	@MouInit @MouShowPointer @MouStatus @MouSetPos @MouSetMickey @MouRegion
Memory manager	@ModBlok SET_BLOCK

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