



**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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# @ScrollDn

## Brief

Scroll Screen Area Down

## BIOS Interrupt

[INT10H: H](#)

## Family API

[fapi](#)

## Syntax

```
@ScrollDn distance, atrib, upcol, uprow, downcol, downrow
```

## Parameters

- distance (BYTE) - rows to scroll
- atrib (BYTE) - fill attribute
- upcol (BYTE) - upper left column
- uprow (BYTE) - upper left row
- downcol (BYTE) - down right column
- downrow (BYTE) - down right row

## Return

## IBM PC BIOS API

|               |                                                                                           |
|---------------|-------------------------------------------------------------------------------------------|
| Video I/O     | <b>INT 10H:</b> 00H, 01H, 02H, 03H, 05H, 06H, 07H, 08H, 09H, 0AH, 0BH, 0CH, 0DH, 0EH, 0FH |
| Hardware info | <b>INT 11H</b> , <b>INT 12H</b>                                                           |
| Serial I/O    | <b>INT 14H:</b> 00H, 01H, 02H, 03H                                                        |
| Tape I/O      | <b>INT 15H:</b> 00H, 01H, 02H, 03H                                                        |
| Keyboard I/O  | <b>INT 16H:</b> 00H, 01H, 02H                                                             |
| Printer I/O   | <b>INT 17H:</b> 00H, 01H, 02H                                                             |
| Disk I/O      | <b>INT 13H:</b> 00H, 01H, 02H, 03H, 04H, 05H                                              |
| Date and Time | <b>INT 1AH:</b> 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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