



Note: This API call is for DOS and Win16 personality only. Use [Family API](#) for portability.

2018/09/07 05:04 · prokushev · [0 Comments](#)

XMS API implemented via VXMS.DLL VDD

```

; Is an XMS driver installed?
mov     ax,4300h
int     2Fh
cmp     al,80h
jne     NoXMSDriver

```

```

mov     ax,4310h
int     2Fh
mov     word ptr [XMSCALL],bx
mov     word ptr [XMSCALL+2],es

mov     ah,00h
call   [XMSCALL]

```

| Function | Description | Status | Version |
|---------------------|------------------------------------|--------|---------|
| 00h | Get XMS Version Number | | 2 |
| 01h | Request High Memory Area | | 2 |
| 02h | Release High Memory Area | | 2 |
| 03h | Global Enable A20 | | 2 |
| 04h | Global Disable A20 | | 2 |
| 05h | Local Enable A20 | | 2 |
| 06h | Local Disable A20 | | 2 |
| 07h | Query A20 | | 2 |
| 08h | Query Free Extended Memory | | 2 |
| 09h | Allocate Extended Memory Block | | 2 |
| 0Ah | Free Extended Memory Block | | 2 |
| 0Bh | Move Extended Memory Block | | 2 |
| 0Ch | Lock Extended Memory Block | | 2 |
| 0Dh | Unlock Extended Memory Block | | 2 |
| 0Eh | Get Handle Information | | 2 |
| 0Fh | Reallocate Extended Memory Block | | 2 |
| 10h | Request Upper Memory Block | | 2 |
| 11h | Release Upper Memory Block | | 2 |
| 12h | Realloc Upper Memory Block | | 2 |
| 88h | Query any Free Extended Memory | | 3 |
| 89h | Allocate any Extended Memory Block | | 3 |
| 8Eh | Get Extended EMB Handle | | 3 |
| 8Fh | Realloc any Extended Memory | | 3 |

From:

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Last update: **2023/12/20 14:02**

