



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:

<https://osfree.su/doku/> - **osFree wiki**

Permanent link:

<https://osfree.su/doku/doku.php?id=en:docs:xms:api>

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

