



**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
<a href="#">00h</a>	Get XMS Version Number		2
<a href="#">01h</a>	Request High Memory Area		2
<a href="#">02h</a>	Release High Memory Area		2
<a href="#">03h</a>	Global Enable A20		2
<a href="#">04h</a>	Global Disable A20		2
<a href="#">05h</a>	Local Enable A20		2
<a href="#">06h</a>	Local Disable A20		2
<a href="#">07h</a>	Query A20		2
<a href="#">08h</a>	Query Free Extended Memory		2
<a href="#">09h</a>	Allocate Extended Memory Block		2
<a href="#">0Ah</a>	Free Extended Memory Block		2
<a href="#">0Bh</a>	Move Extended Memory Block		2
<a href="#">0Ch</a>	Lock Extended Memory Block		2
<a href="#">0Dh</a>	Unlock Extended Memory Block		2
<a href="#">0Eh</a>	Get Handle Information		2
<a href="#">0Fh</a>	Reallocate Extended Memory Block		2
<a href="#">10h</a>	Request Upper Memory Block		2
<a href="#">11h</a>	Release Upper Memory Block		2
<a href="#">12h</a>	Realloc Upper Memory Block		2
<a href="#">88h</a>	Query any Free Extended Memory		3
<a href="#">89h</a>	Allocate any Extended Memory Block		3
<a href="#">8Eh</a>	Get Extended EMB Handle		3
<a href="#">8Fh</a>	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**

