



This is part of **Family API** which allow to create dual-os version of program runs under OS/2 and DOS

Note: This is legacy API call. It is recommended to use 32-bit equivalent

2021/09/17 04:47 · prokushhev · [0 Comments](#)

2021/08/20 03:18 · prokushhev · [0 Comments](#)

DosCLIAccess

This call requests I/O privilege for disabling and enabling interrupts. Access to ports must be granted with [DosPortAccess](#).

Syntax

```
DosCLIAccess ()
```

Return Code

rc (USHORT) - return: Return code

- 0 NO_ERROR

Remarks

Applications that only use CLI/STI in IOPL segments must request CLI/STI privilege from the operating system.

Applications that use IN/OUT instructions to I/O ports must request I/O privilege with [DosPortAccess](#). Request for port access also grants CLI/STI privilege from the operating system.

Bindings

C

```
#define INCL_DOSDEVICES

USHORT rc = DosCLIAccess(VOID);
USHORT rc; /* return code */
```

MASM

```
EXTRN DosCLIAccess: FAR
INCL_DOSDEVICES EQU 1

CALL DosCLIAccess
```

Returns WORD

Example

This example requests I/O privilege for disabling and enabling interrupts.

```
#define INCL_DOSDEVICES

USHORT rc;

rc = DosCLIAccess(); /* Request I/O privilege */
```

| Family API | |
|------------|---|
| DOS | Process Manager DosBeep DosExit DosSleep DosExecPgm |
| | File Manager DosChDir DosChgFilePtr DosClose DosDelete DosDupHandle DosMkDir DosMove DosQCurDir DosQCurDisk DosSet FileMode DosOpen DosQFileInfo DosRead DosQ FileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSet FileInfo DosSet Verify DosWrite DosFileLocks DosSet FHand State DosNewSize DosBufReset DosQFHand State DosSet FSinfo |
| | Memory Manager DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreate CS Alias |
| | NLS DosCaseMap DosGet Ctry Info DosGet DBCSEv DosSet Ctry Code DosGet Collate DosGet Message DosIns Message DosPut Message |
| | Date and Time DosSet Date Time DosGet Date Time |
| | Devices DosDevConfig DosDevIOCtl DosDevIOCtl2 |
| | Signals DosHold Signal DosSet Sig Handler |
| | Misc BadDynLink DosGet Env DosGet Machine Mode DosGet Version DosError DosErr Class DosSet Vec |
| KBD | KbdCharIn KbdFlushBuffer KbdGet Status KbdSet Status KbdStringIn KbdPeek |
| VIO | VioGet Buf VioGet Config VioGet Cur Pos VioGet Cur Type VioGet Phys Buf VioRead Cell Str VioRead Char Str VioScroll Up VioScroll Dn VioScroll If VioScroll Rt VioScr Un Lock VioSet Cur Pos VioSet Cur Type VioSet Mode VioGet Mode VioShow Buf VioWrt Cell Str VioWrt Char Str VioWrt Char Str Att VioWrt N Attr VioWrt N Cell VioWrt N Char VioWrt TTY VioScr Lock VioPop Up |
| Tools | BIND |
| Modules | DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL |
| Libraries | API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB |

2018/08/25 15:05 · prokushev · [0 Comments](#)

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Last update: **2021/09/17 04:41**

