



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

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## 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 DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo DosShutdown
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	NLS	DosCaseMap DosGetCtryInfo DosGetDBCSEv DosSetCtryCode DosGetCollate DosGetMessage DosInsMessage DosPutMessage
	Date and Time	DosSetDateTime DosGetDateTime
	Devices	DosDevConfig DosDevIOct1 DosDevIOct2
	Signals	DosHoldSignal DosSetSigHandler
	Misc	BadDynLink DosGetEnv DosGetMachineMode DosGetVersion DosError DosErrClass DosSetVec
KBD	KbdCharIn KbdFlushBuffer KbdGetStatus KbdSetStatus KbdStringIn KbdPeek	
VIO	VioGetBuf VioGetConfig VioGetCurPos VioGetCurType VioGetPhysBuf VioReadCellStr VioReadCharStr VioScrollUp VioScrollDn VioScrollLf VioScrollRt VioScrUnLock VioSetCurPos VioSetCurType VioSetMode VioGetMode VioShowBuf VioWrtCellStr VioWrtCharStr VioWrtCharStrAtt VioWrtNAttr VioWrtNCell VioWrtNChar VioWrtTTY VioScrLock VioPopUp	
Tools	BIND	
Modules	DOSCALLS.DLL VIOCALLS.DLL KBDCALLS.DLL MSG.DLL	
Libraries	API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB	

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