 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 · prokushev · 0 Comments
2021/08/20 03:18 · prokushev · 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 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 DosDevIOCtl DosDevIOCtl2
	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

2018/08/25 15:05 · prokushev · 0 Comments

From:
http://osfree.org/doku/ - **osFree wiki**

Permanent link:
http://osfree.org/doku/doku.php?id=en:docs:fapi:doscliaccess

Last update: **2021/09/17 04:50**