



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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## DosError

This call allows an OS/2 process to receive hard error notification without generating a hard error signal.

### Syntax

`DosError (Flag)`

### Parameters

- Flags ([USHORT](#)) - input : Bit field, defined in the following example (the unused high-order bits are reserved and must be set to zero).

^ Bit ^ Description ^

15-2	Reserved, set to zero
1	0 = Enable exception popups. 1 = Disable exception popups
0	0 = Disable hard error popups (fail requests). 1 = Enable hard error popups

### Return Code

rc ([USHORT](#)) - return

Return code descriptions are:

\*0 NO\_ERROR \*87 ERROR\_INVALID\_PARAMETER

### Remarks

DosError allows an OS/2 process to disable user notification if a program (or untrapped numeric processor) exception occurs. If end user notification is disabled, and if one of these exceptions occurs, the process is terminated.

Hard errors generated under a process that has issued a DosError call are failed, and the appropriate error code is returned. The default situation is both hard error pop-ups and exception pop-ups are enabled, if DosError is not issued.

## Family API Considerations

Some options operate differently in the DOS mode than in the OS/2 mode. Therefore, the following restriction applies to DosError when coding for the DOS mode:

For Flag, a value of 0000 causes all subsequent INT 24s to be failed until a subsequent call with a value of 1 is issued.

Note: Since INT 24 is not issued in DOS mode, this call has no effect when running in DOS mode.

## Bindings

### C Binding

```
#define INCL_DOSMISC

USHORT rc = DosError(Flag);
USHORT Flags;           /* Action flags */

USHORT rc;              /* return code */
```

### MASM Binding

```
EXTRN DosError:FAR
INCL_DOSMISC EQU 1

PUSH WORD Flags ;Action flags
CALL DosError

Returns WORD
```

## Example Code

This example disables hard error popups and exception popups, then re-enables them.

```
#define INCL_DOSQUEUES

#define ENABLE_EXCEPTION 0
#define DISABLE_EXCEPTION 2
#define ENABLE_HARDERROR 1
#define DISABLE_HARDERROR 0
```

```
#define DISABLE_ERRORPOPUPS DISABLE_EXCEPTION | DISABLE_HARDERROR
#define ENABLE_ERRORPOPUPS ENABLE_EXCEPTION | ENABLE_HARDERROR

USHORT rc;

rc = DosError(DISABLE_ERRORPOPUPS); /* Action flag */
rc = DosError(ENABLE_ERRORPOPUPS); /* Action flag */
```

## Note

Text based on [http://www.edm2.com/index.php/DosError\\_\(FAPI\)](http://www.edm2.com/index.php/DosError_(FAPI))

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 FHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo
	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 KbdFlush Buffer 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 VIOCALS.DLL KBDCALS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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