



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

```
<PRE> #define INCL_DOSMISC
USHORT rc = DosError(Flag); USHORT Flags; /* Action flags */
USHORT rc; /* return code */ </PRE>
```

### MASM Binding

```
<PRE> EXTRN DosError:FAR INCL_DOSMISC EQU 1
PUSH WORD Flags ;Action flags CALL DosError
Returns WORD </PRE>
```

### Example Code

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

```
#define INCL_DOSQUEUEUES
#define ENABLE_EXCEPTION 0 #define DISABLE_EXCEPTION 2 #define ENABLE_HARDERROR 1
#define DISABLE_HARDERROR 0 #define DISABLE_ERRORPOPUES DISABLE_EXCEPTION |
DISABLE_HARDERROR #define ENABLE_ERRORPOPUES ENABLE_EXCEPTION | ENABLE_HARDERROR
USHORT rc;
rc = DosError(DISABLE_ERRORPOPUES); /* Action flag */ rc = DosError(ENABLE_ERRORPOPUES); /*
Action flag */ </PRE>
```

# 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	<a href="#">DosBeep</a> <a href="#">DosExit</a> <a href="#">DosSleep</a> <a href="#">DosExecPgm</a>
	File Manager	<a href="#">DosChDir</a> <a href="#">DosChgFilePtr</a> <a href="#">DosClose</a> <a href="#">DosDelete</a> <a href="#">DosDupHandle</a> <a href="#">DosMkDir</a> <a href="#">DosMove</a> <a href="#">DosQCurDir</a> <a href="#">DosQCurDisk</a> <a href="#">DosSetFileMode</a> <a href="#">DosOpen</a> <a href="#">DosQFileInfo</a> <a href="#">DosRead</a> <a href="#">DosQFileMode</a> <a href="#">DosQFSInfo</a> <a href="#">DosQVerify</a> <a href="#">DosRmDir</a> <a href="#">DosSelectDisk</a> <a href="#">DosFindClose</a> <a href="#">DosFindFirst</a> <a href="#">DosFindNext</a> <a href="#">DosSetFileInfo</a> <a href="#">DosSetVerify</a> <a href="#">DosWrite</a> <a href="#">DosFileLocks</a> <a href="#">DosSetFHandState</a> <a href="#">DosNewSize</a> <a href="#">DosBufReset</a> <a href="#">DosQFHandState</a> <a href="#">DosSetFSinfo</a> <a href="#">DosShutdown</a>
	Memory Manager	<a href="#">DosFreeSeg</a> <a href="#">DosSubAlloc</a> <a href="#">DosSubFree</a> <a href="#">DosSubSet</a> <a href="#">DosAllocHuge</a> <a href="#">DosAllocSeg</a> <a href="#">DosReallocHuge</a> <a href="#">DosReallocSeg</a> <a href="#">DosGetHugeShift</a> <a href="#">DosCreateCSAlias</a>
	NLS	<a href="#">DosCaseMap</a> <a href="#">DosGetCtryInfo</a> <a href="#">DosGetDBCSEv</a> <a href="#">DosSetCtryCode</a> <a href="#">DosGetCollate</a> <a href="#">DosGetMessage</a> <a href="#">DosInsMessage</a> <a href="#">DosPutMessage</a>
	Date and Time	<a href="#">DosSetDateTime</a> <a href="#">DosGetDateTime</a>
	Devices	<a href="#">DosDevConfig</a> <a href="#">DosDevIOCtl</a> <a href="#">DosDevIOCtl2</a>
	Signals	<a href="#">DosHoldSignal</a> <a href="#">DosSetSigHandler</a>
	Misc	<a href="#">BadDynLink</a> <a href="#">DosGetEnv</a> <a href="#">DosGetMachineMode</a> <a href="#">DosGetVersion</a> <a href="#">DosError</a> <a href="#">DosErrClass</a> <a href="#">DosSetVec</a>
KBD		<a href="#">KbdCharIn</a> <a href="#">KbdFlushBuffer</a> <a href="#">KbdGetStatus</a> <a href="#">KbdSetStatus</a> <a href="#">KbdStringIn</a> <a href="#">KbdPeek</a>
VIO		<a href="#">VioGetBuf</a> <a href="#">VioGetConfig</a> <a href="#">VioGetCurPos</a> <a href="#">VioGetCurType</a> <a href="#">VioGetPhysBuf</a> <a href="#">VioReadCellStr</a> <a href="#">VioReadCharStr</a> <a href="#">VioScrollUp</a> <a href="#">VioScrollDn</a> <a href="#">VioScrollLf</a> <a href="#">VioScrollRt</a> <a href="#">VioScrUnLock</a> <a href="#">VioSetCurPos</a> <a href="#">VioSetCurType</a> <a href="#">VioSetMode</a> <a href="#">VioGetMode</a> <a href="#">VioShowBuf</a> <a href="#">VioWrtCellStr</a> <a href="#">VioWrtCharStr</a> <a href="#">VioWrtCharStrAtt</a> <a href="#">VioWrtNAttr</a> <a href="#">VioWrtNCell</a> <a href="#">VioWrtNChar</a> <a href="#">VioWrtTTY</a> <a href="#">VioScrLock</a> <a href="#">VioPopUp</a>
Tools		<a href="#">BIND</a>
Modules		<a href="#">DOSCALLS.DLL</a> <a href="#">VIOCALLS.DLL</a> <a href="#">KBDCALLS.DLL</a> <a href="#">MSG.DLL</a>
Libraries		<a href="#">API.LIB</a> <a href="#">OS2386.LIB</a> <a href="#">FAP.LIB</a> <a href="#">DOSCALLS.LIB</a> <a href="#">SUBCALLS.LIB</a>

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