

This call returns the current mode of the processor, whether the processor is running in the DOS mode or the OS/2 mode. This allows an application to determine whether a dynamic link call is valid or not.

Syntax

DosGetMachineMode (MachineMode)

Parameters

;MachineMode (PBYTE) - output: Address of the value to indicate the current processor mode. This value may be:::0 - DOS mode ::1 - OS/2 mode.

Return Code

;rc (USHORT) - return:Return code description is: *0 NO_ERROR

Remarks

All dynamic link calls are available to an application if the MachineMode value indicates the program is in OS/2 mode. This method provides a self-tailoring application that allows the application to adapt to the execution environment by limiting or enhancing the functions it provides.

If the MachineMode value indicates the program is in DOS mode, the application is limited to a subset of dynamic link calls listed in the [Family API](#).

Example Code

C Binding

```
<PRE> #define INCL_DOSQUEUES  
USHORT rc = DosGetMachineMode(MachineMode); PBYTE MachineMode; /* Processor mode (returned)  
*/ USHORT rc; /* return code */ </PRE>
```

MASM Binding

```
<PRE> EXTRN DosGetMachineMode:FAR INCL_DOSQUEUES EQU 1  
PUSH@ BYTE MachineMode ;Processor mode (returned) CALL DosGetMachineMode  
Returns WORD </PRE>
```

Note

Text based on <http://www.edm2.com/index.php/DosGetMachineMode>

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 DosSet FInfo
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAlloc Huge DosAlloc Seg DosRealloc Huge DosRealloc Seg DosGet Huge Shift DosCreateCS Alias
	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	

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