

This call returns the OS/2 version number.

Syntax

DosGetVersion (VersionWord)

Parameters

;VersionWord (PUSHORT) - output:Address of the OS/2 version number. The version is stored as two bytes, with the minor version in the first byte and major version in the second byte.

Return Code

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

Remarks

This function has been eliminated since OS/2 2.0.

Bindings

C

```
<PRE> #define INCL_DOSMISC  
USHORT rc = DosGetVersion(VersionWord); PUSHORT VersionWord; /* Version number (returned) */  
USHORT rc; /* return code */ </PRE>
```

MASM

```
<PRE> EXTRN DosGetVersion:FAR INCL_DOSMISC EQU 1  
PUSH@ WORD VersionWord ;Version number(returned) CALL DosGetVersion  
Returns WORD </PRE>
```

Example

The following example shows how one may obtain information for program initialization. The program locates the environment segment and prints the name of the command from the command line. It then obtains the OS/2 version number and prints it.

```
<PRE> #define INCL_DOS #include <os2.h>  
#define ENVVARNNAME "PATH"
```

```
main() {
```

```
SEL      EnvSel;          /* Environment segment selector (returned) */
USHORT   CmdOffset;        /* Offset into env. seg. of command line (returned)
*/
PSZ FAR   *Commandline;    /* Pointer made by EnvSel and CmdOffset */
USHORT   Version;         /* Version numbers (returned) */
BYTE     MajorVer;         /* Major version number */
BYTE     MinorVer;         /* Minor version number */
USHORT   rc;              /* return code */
```

```
/** Locate environment segment and offset of command line. **/
```

```
if(!(rc=DosGetEnv(&EnvSel,           /* Env. seg. selector (returned) */
                  &CmdOffset))) /* Offset of command line
                               (returned) */
    printf("Environment located; selector is %x offset is %x\n", EnvSel,
           CmdOffset);
```

```
/** Use a macro to make a far pointer out of selector:offset pair.*/
/** Notice the far-string pointer specification (%Fs) used to print **/
```

```
Commandline = MAKEP(EnvSel, CmdOffset);
printf("Command entered is %Fs.\n", Commandline);
```

```
/** Obtain and print version info; use macros to extract info. */
/** We need to divide by 10 to obtain true version numbers.    **/
```

```
if(!(rc=DosGetVersion(&Version)))
{
    MajorVer = HIBYTE(Version) / 10;
    MinorVer = LOBYTE(Version) / 10;
    printf("This is OS/2 version %d.%d\n", MajorVer, MinorVer);
}
```

```
}
```

Note

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

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 VIOCALS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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

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Last update: 2018/08/31 09:08