



DosGetVersion

This call returns the OS version number.

Syntax

```
DosGetVersion (VersionWord)
```

Parameters

- VersionWord (PUSHORT) - output:Address of the OS 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

Bindings

C

```
#define INCL_DOSMISC

USHORT rc = DosGetVersion(VersionWord);
USHORT VersionWord; /* Version number (returned) */
USHORT rc;           /* return code */
```

MASM

```
EXTRN DosGetVersion:FAR
INCL_DOSMISC EQU 1

PUSH@ WORD    VersionWord ;Version number(returned)
CALL    DosGetVersion
```

Returns WORD

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 version number and prints it.

```
#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

Example code doesn't support check is executed under DOS or not.

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 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 VioScrUnLock 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 VIOCALLS.DLL KBDCALLS.DLL MSG.DLL
Libraries		API.LIB OS2386.LIB FAPI.LIB DOSCALLS.LIB SUBCALLS.LIB

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