 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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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);
PUSHORT 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 ENVVARNAME "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 DosSetFileMode DosOpen DosQFileInfo DosRead DosQFileMode DosQFSInfo DosQVerify DosRmDir DosSelectDisk DosFindClose DosFindFirst DosFindNext DosSetFileInfo DosSetVerify DosWrite DosFileLocks DosSetFHandState DosNewSize DosBufReset DosQFHandState DosSetFSinfo
	Memory Manager	DosFreeSeg DosSubAlloc DosSubFree DosSubSet DosAllocHuge DosAllocSeg DosReallocHuge DosReallocSeg DosGetHugeShift DosCreateCSAlias
	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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