



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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# MouInitReal

This call initializes mouse pointer draw support for DOS mode.

## Syntax

```
MouInitReal (DriverName)
```

## Parameters

- DriverName (PSZ) - input : Address of the name of the Pointer Draw Device Driver used as the pointer-image drawing routine for the DOS mode session.

The name of the device driver must be included in the CONFIG.SYS file at system start-up time.

If the selector portion of the far address is zero and the offset portion is non-zero, the offset portion identifies the power-up display configuration.

## Return Code

rc (USHORT) - return:Return code descriptions are:

- 0 NO\_ERROR
- 385 ERROR\_MOUSE\_NO\_DEVICE
- 466 ERROR\_MOU\_DETACHED
- 412 ERROR\_MOUSE\_SMG\_ONLY
- 501 ERROR\_MOUSE\_NO\_CONSOLE
- 505 ERROR\_MOU\_EXTENDED\_SG

## Remarks

MouInitReal is issued by the Base Video Subsystem at system initialization time.

The DOS mode mouse API (INT 33H), in contrast to the OS/2 mode Mouse API, does not contain an OPEN command. In addition, there is only one session for DOS mode.

The default pointer draw routine for DOS mode is located in the same pointer draw device driver, POINTER\$, that is used for OS/2 mode. Establishing addressability to the pointer draw routine must be done during system initialization. This requires passing the entry point of the DOS mode pointer draw routine to the mouse device driver. This is the purpose of the MouInitReal call. It passes the address of the default, power-up pointer draw routine for DOS mode to the mouse device driver. This initialization is transparent to applications.

This call is for use only by the Base Video Subsystem when invoked during system initialization under the shell/session manager PID.

The error code ERROR\_MOUSE\_SMG\_ONLY is valid from shell process only.

## Bindings

### C

```
#define INCL_MOUSE

USHORT rc = MouInitReal(DriverName);

PSZ    DriverName;    /* Pointer draw driver name */
USHORT rc;            /* return code */
```

### MASM

```
EXTRN MouInitReal:FAR
INCL_MOUSE EQU 1

PUSH@ ASCIIZ DriverName ;Pointer draw driver name
CALL MouInitReal

Returns WORD
```

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 DosShutdown
	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 DosDevIOct1 DosDevIOct2
	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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