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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DosGetModHandle

This call returns a handle to a previously loaded dynamic link module.

Syntax

```
DosGetModHandle (ModuleName, ModuleHandle)
```

Parameters

- ModuleName (PSZ) - input : Address of the ASCIIZ name string containing the dynamic link module name or the pathname string. The filename extension used for dynamic link libraries when a module name is provided is .DLL. When a pathname is provided, the module name may have any extension.
- ModuleHandle (PHMODULE) - output : Address of the handle for the dynamic link module.

Return Code

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

- 0 NO_ERROR
- 95 ERROR_INTERRUPT
- 123 ERROR_INVALID_NAME
- 126 ERROR_MOD_NOT_FOUND

Remarks

If a module name is provided, it must match the name of a module residing in the LIBPATH that is currently loaded. Otherwise an error code is returned. If a pathname is provided, the expanded pathname must match the full pathname of a module that is currently loaded.

The handle returned by this call can be used with DosGetModName. It should not be used with DosGetProcAddr for access to the already loaded dynamic link module. Instead, DosLoadModule

should be issued to ensure that the calling process is attached to the module.

Bindings

C

```
#define INCL_DOSMODULEMGR

USHORT  rc = DosGetModHandle(ModuleName, ModuleHandle);

PSZ             ModuleName;    /* Module name string */
PHMODULE        ModuleHandle;  /* Module handle (returned) */

USHORT          rc;            /* return code */
```

MASM

```
EXTRN  DosGetModHandle:FAR
INCL_DOSMODULEMGR   EQU 1

PUSH@  ASCIIZ  ModuleName    ;Module name string
PUSH@  WORD    ModuleHandle  ;Module handle (returned)
CALL   DosGetModHandle

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
	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

Family API	
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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