 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

2021/09/17 04:47 · prokushev · 0 Comments
2021/08/20 03:18 · prokushev · 0 Comments

DosMove

This call moves a file object to another location and changes its name.

Syntax

```
DosMove (OldPathName, NewPathName, Reserved)
```

Parameters

- OldPathName (PSZ) - input : Address of the old path name of the file to be moved.
- NewPathName (PSZ) - input : Address of the new path name of the file.
- Reserved (ULONG) - input : Reserved and must be set to zero.

Return Code

rc (USHORT) - return

Return code descriptions are:

- 0 NO_ERROR
- 2 ERROR_FILE_NOT_FOUND
- 3 ERROR_PATH_NOT_FOUND
- 5 ERROR_ACCESS_DENIED
- 17 ERROR_NOT_SAME_DEVICE
- 26 ERROR_NOT_DOS_DISK
- 32 ERROR_SHARING_VIOLATION
- 36 ERROR_SHARING_BUFFER_EXCEEDED
- 87 ERROR_INVALID_PARAMETER
- 108 ERROR_DRIVE_LOCKED
- 206 ERROR_FILENAME_EXCED_RANGE
- 250 ERROR_CIRCULARITY_REQUESTED
- 251 ERROR_DIRECTORY_IN_CDS

Remarks

This call is often used to change only the name of a file or subdirectory, allowing the file object to remain in the same subdirectory. Global file name characters are not allowed in the source or target name.

If the paths specified are different, this allows the subdirectory location of the file object to be changed as well. If a drive is specified for the target, it must be the same as the one specified or implied by the source.

Any attempts to move a parent subdirectory to one of its descendant subdirectories are rejected, because a subdirectory cannot be both an ancestor and a descendant of the same subdirectory. Any attempts by a process to move the current subdirectory or any of its ancestors are also rejected.

Attributes (times and dates) of the source file object are moved to the target. If read-only files exist in the target path, they are not replaced.

DosQSysInfo is called during initialization by an application to determine the maximum path length allowed by OS/2.

DosMove can be used to change the case of a file on an FSD drive. The following example would change the name of the file to “File.Txt”. DosMove(“file.txt”,“File.Txt”)

Family API Considerations

Some options operate differently in the DOS mode than in the OS/2 mode. Therefore, the following restriction applies to DosMove when coding for the DOS mode:

File names passed to OldPathName and NewPathName are truncated by the system in the DOS mode only. The application must truncate all files passed to OldPathName and NewPathName in the OS/2 mode or an error code is returned.

Example Code

C Binding

```
#define INCL_DOSFILEMGR

USHORT  rc = DosMove(OldPathName, NewPathName, Reserved);

PSZ             OldPathName;   /* Old path name string */
PSZ             NewPathName;   /* New path name string */
ULONG           0;             /* Reserved (must be zero) */

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

MASM Binding

```
EXTRN  DosMove:FAR
INCL_DOSFILEMGR     EQU 1

PUSH@  ASCIIZ  OldPathName   ;Old path name string
PUSH@  ASCIIZ  NewPathName   ;New path name string
PUSH   DWORD   0             ;Reserved (must be zero)
CALL   DosMove
```

Returns WORD

Note

Text based on http://www.edm2.com/index.php/DosMove_(FAPI)

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 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

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

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Last update: **2021/09/17 06:31**