int SHFileOperation(

\_Inout\_ LPSHFILEOPSTRUCT lpFileOp

);

typedef struct \_SHFILEOPSTRUCT {

HWND hwnd;

UINT wFunc;

PCZZTSTR pFrom;

PCZZTSTR pTo;

FILEOP\_FLAGS fFlags;

BOOL fAnyOperationsAborted;

LPVOID hNameMappings;

PCTSTR lpszProgressTitle;

} SHFILEOPSTRUCT, \*LPSHFILEOPSTRUCT;

**hwnd**

：顯示文件操作信息的對話框窗口句柄

**wFunc：**

**FO\_COPY**

**複製pFrom 到pTo**

**FO\_DELETE**

Delete the files specified in **pFrom**.

**FO\_MOVE**

Move the files specified in **pFrom** to the location specified in **pTo**.

**FO\_RENAME**

Rename the file specified in **pFrom**. You cannot use this flag to rename multiple files with a single function call. Use **FO\_MOVE** instead.

**pFrom**

|  |  |  |
| --- | --- | --- |
| **标志** | **值** | **描述** |
| FOF\_MULTIDESTFILES | 0x0001 | pTo成员包含多个与源文件对应的目标文件。 |
| FOF\_SILENT | 0x0004 | 发生的操作不需要返回到用户，就是说，不显示进度条对话框，而其它相关的消息框仍然显示。 |
| FOF\_RENAMEONCOLLISION | 0x0008 | 如果目标位置已经包含了与打算移动或拷贝的文件重名的文件，这个标志指示要自动地改变目标文件。 |
| FOF\_NOCONFIRMATION | 0x0010 | 这个标志使函数对任何消息框的回答总是Yes，只有一个例外，就是当询问是否建立缺省目录的对话框显示时。此时，需要FOF\_NOCONFIRMMKDIR标志帮忙。(参考后面的说明)。 |
| FOF\_FILESONLY | 0x0080 | 这个标志仅仅应用于指定了包含子目录和通配符(\*.\*)的情况。设置了这个标志，函数仅仅处理文件而不进入到子目录。 |
| FOF\_SIMPLEPROGRESS | 0x0100 | 这个标志产生一个简化的用户界面：有一个动画窗口，但是不显示文件名，而是显示通过lpszProgressTitle 成员指定的文字。 |
| FOF\_NOCONFIRMMKDIR | 0x0200 | 如果目标目录不存在，这个标志使函数默默地建立一个缺省目录。没有这个标志，函数将提示是否建立一个完整的目的路径。这个标志与下一个将要介绍的标志有点微妙的关系。 |
| FOF\_NOERRORUI | 0x0400 | 如果设置了这个标志，发生的任何错误都不会引起消息框的显示，全部都返回错误码。这个标志与上一个标志关系有点微妙。 |
| FOF\_NOCOPYSECURITYATTRIBS |  |  |
| **FOF\_WANTMAPPINGHANDLE**  If **FOF\_RENAMEONCOLLISION** is specified and any files were renamed, assign a name mapping object that contains their old and new names to the **hNameMappings** member. This object must be freed using [**SHFreeNameMappings**](http://msdn.microsoft.com/en-us/library/windows/desktop/bb762171(v=vs.85).aspx) when it is no longer needed. |  |  |

**fFlags**

Type: **FILEOP\_FLAGS**

Flags that control the file operation. This member can take a combination of the following flags.

**FOF\_ALLOWUNDO**

Preserve undo information, if possible.

Prior to Windows Vista, operations could be undone only from the same process that performed the original operation.

In Windows Vista and later systems, the scope of the undo is a user session. Any process running in the user session can undo another operation. The undo state is held in the Explorer.exe process, and as long as that process is running, it can coordinate the undo functions.

If the source file parameter does not contain fully qualified path and file names, this flag is ignored.

**FOF\_CONFIRMMOUSE**

Not used.

**FOF\_FILESONLY**

Perform the operation only on files (not on folders) if a wildcard file name (\*.\*) is specified.

**FOF\_MULTIDESTFILES**

The **pTo** member specifies multiple destination files (one for each source file in **pFrom**) rather than one directory where all source files are to be deposited.

**FOF\_NOCONFIRMATION**

Respond with **Yes to All** for any dialog box that is displayed.

**FOF\_NOCONFIRMMKDIR**

Do not ask the user to confirm the creation of a new directory if the operation requires one to be created.

**FOF\_NO\_CONNECTED\_ELEMENTS**

[Version 5.0.](http://msdn.microsoft.com/en-us/library/windows/desktop/bb776779(v=vs.85).aspx) Do not move connected files as a group. Only move the specified files.

**FOF\_NOCOPYSECURITYATTRIBS**

[Version 4.71.](http://msdn.microsoft.com/en-us/library/windows/desktop/bb776779(v=vs.85).aspx) Do not copy the security attributes of the file. The destination file receives the security attributes of its new folder.

**FOF\_NOERRORUI**

Do not display a dialog to the user if an error occurs.

**FOF\_NORECURSEREPARSE**

Not used.

**FOF\_NORECURSION**

Only perform the operation in the local directory. Do not operate recursively into subdirectories, which is the default behavior.

**FOF\_NO\_UI**

[Windows Vista](http://msdn.microsoft.com/en-us/library/windows/desktop/bb776779(v=vs.85).aspx). Perform the operation silently, presenting no UI to the user. This is equivalent to FOF\_SILENT | FOF\_NOCONFIRMATION | FOF\_NOERRORUI | FOF\_NOCONFIRMMKDIR.

**FOF\_RENAMEONCOLLISION**

Give the file being operated on a new name in a move, copy, or rename operation if a file with the target name already exists at the destination.

**FOF\_SILENT**

Do not display a progress dialog box.

**FOF\_SIMPLEPROGRESS**

Display a progress dialog box but do not show individual file names as they are operated on.

**FOF\_WANTMAPPINGHANDLE**

If **FOF\_RENAMEONCOLLISION** is specified and any files were renamed, assign a name mapping object that contains their old and new names to the **hNameMappings** member. This object must be freed using [**SHFreeNameMappings**](http://msdn.microsoft.com/en-us/library/windows/desktop/bb762171(v=vs.85).aspx) when it is no longer needed.

**FOF\_WANTNUKEWARNING**

[Version 5.0.](http://msdn.microsoft.com/en-us/library/windows/desktop/bb776779(v=vs.85).aspx) Send a warning if a file is being permanently destroyed during a delete operation rather than recycled. This flag partially overrides **FOF\_NOCONFIRMATION**.

**fAnyOperationsAborted**

Type: **BOOL**

When the function returns, this member contains **TRUE** if any file operations were aborted before they were completed; otherwise, **FALSE**. An operation can be manually aborted by the user through UI or it can be silently aborted by the system if the FOF\_NOERRORUI or FOF\_NOCONFIRMATION flags were set.

**hNameMappings**

Type: **LPVOID**

When the function returns, this member contains a handle to a name mapping object that contains the old and new names of the renamed files. This member is used only if the **fFlags** member includes the **FOF\_WANTMAPPINGHANDLE** flag. See Remarks for more details.

**lpszProgressTitle**

Type: **PCTSTR**

A pointer to the title of a progress dialog box. This is a null-terminated string. This member is used only if **fFlags** includes the **FOF\_SIMPLEPROGRESS** flag.

