

Tiff Reverse DLL

Reverse the page order of Tiff files

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Introduction

The Tiff Reverse DLL was developed to allow a user to reverse the order of Tiff Pages. The COM object was developed to allow a programmer to integrate the functionality of this program directly into their own application.

Installing the Tiff Reverse COM Library

Before you can use the Tiff Reverse library you must register it so that Windows is aware that it exists and knows where it is located. To do this, run the setup program to install the COM object, that will register the DLL for the system to use.

Main function of the Tiff Reverse COM object

Public Function TiffReverse(OriginalFile As String, OutputDir As String, OutputFileName As String) As Long

The Tiff Reverse DLL expects three mandatory arguments:

Arguments:

OriginalFile is a string containing the full path and filename of the Tiff file you want to reverse

OutputDir is the full path to the directory you want to the new reversed file to be placed

Example: "c:\NewReversedFile\"

This is a mandatory argument

OutputFileName is the name of the new reversed file created

Error and Status Codes

The Tiff Reverse COM object does return error and status codes. A status code of 1 (one) means that the method executed successfully (i.e., there was no error). The error codes are listed below:

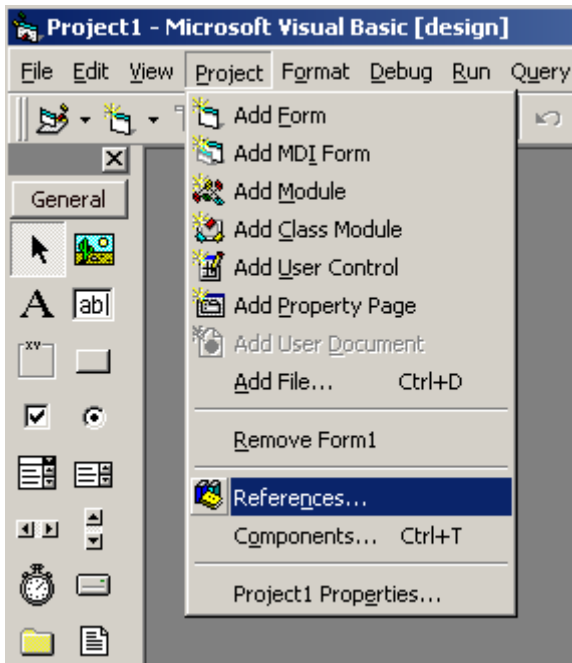
Code	Meaning
1	Success – no error
0	File does not exist
-1	General error
-2	Not a valid Tiff file

Calling the Tiff Reverse COM from Visual Basic

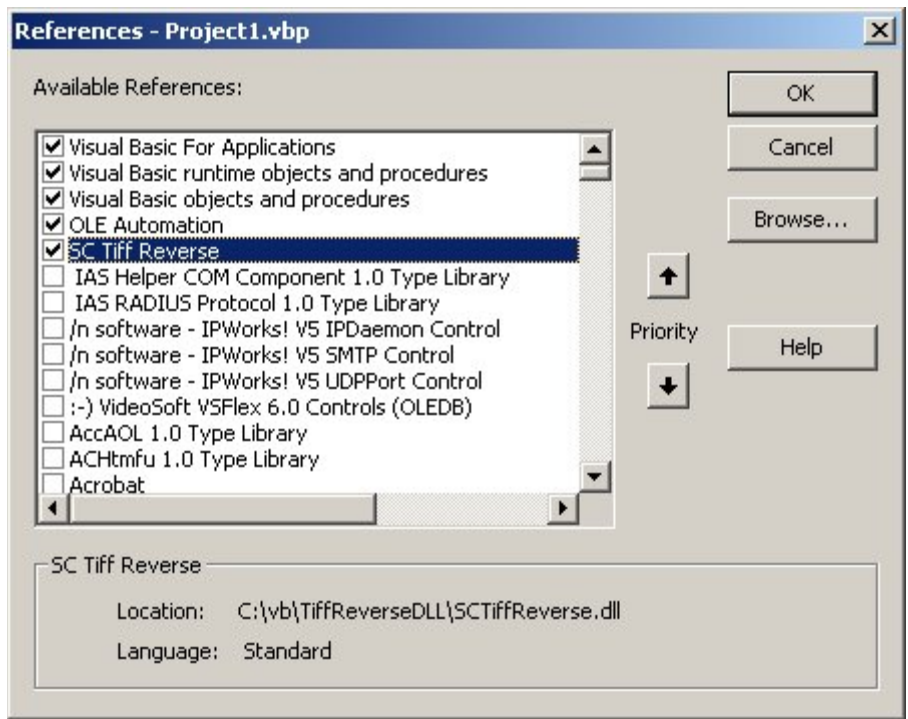
It is easy to call the Tiff Reverse DLL method from Visual Basic because Visual Basic has excellent support for COM objects.

Referencing the Tiff Reverse DLL from Visual Basic

The first step in using the Tiff Reverse DLL with a Visual Basic program is to tell Visual Basic to reference it. To do this, start Visual Basic, then click “Project” on its main menu, then click “References...” on the drop-down menu.



A popup screen will appear with a list of the registered COM objects. Search through the list and check the box next to “SC Tiff Reverse”. Then click “OK” to exit from the references screen.



If the “Tiff Reverse DLL” entry doesn’t appear in the references list, then the DLL library has not been properly registered, and you can use one of two methods to resolve the issue. First, you could ‘browse’ to the location of the DLL and reference it from there. The second option would require you to manually register the DLL which can be done by using the following command line:

```
regsvr32 c:\%location of file%\SCTiffReverse.dll
```

Close VB, open it back up and the reference should be in the list now.

Once you have established a reference to Tiff Reverse DLL within Visual Basic, you can add declarations and method calls to your Basic programs.

Declaring the Tiff Reverse COM object in a Visual Basic program

Each Visual Basic procedure that calls Tiff Reverse DLL COM methods must contain the following declarations:

```
Dim TReverseObj As New SCTiffReverse.TReverse
```

This declares a variable named "TReverseObj" to reference the Tiff Reverse DLL. Once you do that, you can then reference the Tiff Reverse DLL methods by typing "TReverseObj.TiffReverse()". (You do not have to name the variable "TReverseObj", but it is recommended that you do so to make it clear that the methods are part of the Tiff Reverse COM library.) For example,

Sample Program

```
Private Sub Reverse_Files()
```

```
    'declare our variable
```

```
    Dim usefile As String
```

```
    Dim rslt As Long
```

```
    'initialize our DLL
```

```
    Dim TReverseObj As New SCTiffReverse.TReverse
```

```
    'set our string variable with the comma seperated list of tiff files we want to reverse
```

```
        usefile = "C:\test\test.tif"
```

```
    'call our dll and get the result
```

```
    rslt = TReverseObj.TiffReverse(usefile, App.Path, "newfile.tif")
```

```
    'give some response back to the user regarding the result of the reverse
```

```
    If rslt = 1 Then
```

```
        MsgBox ("File was reversed successfully")
```

```
    Else
```

```
        MsgBox ("There was an error reversing the file")
```

```
    End If
```

```
    'clear our variable
```

```
    Set TReverseObj = Nothing
```

```
End Sub
```

Calling the Tiff Reverse COM from ASP Scripts

It is easy to call the Tiff Reverse DLL method from an ASP (Active Server Page) script. You must declare an object to reference the Tiff Reverse DLL. This is done by using the following statement:

```
set TReverseObj = server.createobject("SCTiffReverse.TReverse")
```

After doing that, you can invoke the Tiff Reverse DLL method by specifying TReverseObj.TiffReverse() in the script. Note, unlike Visual Basic, there is no way to set up a "Reference" to the Reverser COM library in ASP scripts. Because of this, if you mistype the name of a method or specify an incorrect number of arguments, the error will not be detected until the ASP page attempts to execute the statement with the error.

Here is a complete ASP script that reverses a tiff file.

```
<HTML>
<%
    set TReverseObj = server.createobject("SCTiffReverse.TReverse")

    dim rslt as long
    dim usefile as string

    usefile = "C:\temp\test.tif"
    rslt = TReverseObj.TiffReverse(usefile, "c:\temp\", "output.tif")

%>
</HTML>
```

Support

If you have any questions about using the COM object, please feel free to e-mail us at support@sherrodcomputers.com

You can also call us toll-free at 877-440-2890

Tiff Reverse DLL Online

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