

Tiff Splitter DLL

Split multi-page Tiff files

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Introduction

The Tiff Splitter was developed to allow a user to split a multi-page Tiff file into several single page files. The COM object was developed to allow a programmer to integrate the functionality of this program directly into their own application.

Installing the Tiff Splitter COM Library

Before you can use the Tiff Splitter COM 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 Splitter COM object

Tiff_PageSplit(FileNames As String, Optional OutputDir As String) As Long

The Tiff splitter expects two mandatory arguments:

Arguments:

FileNames is the full path and filename to the Tiff file you want to split

OutputDir is the full path to the directory you want the new single page files to be placed

Example: "c:\NewSplitFiles\"

This is a mandatory argument, even if you want the new tiff files to be placed in the same directory as the original, you must specify that in the OutputDir argument.

Error and Status Codes

The Tiff Splitter COM object does return error and status codes. A status code of 0 (zero) means that the method executed successfully (i.e., there was no error). The error codes are listed below:

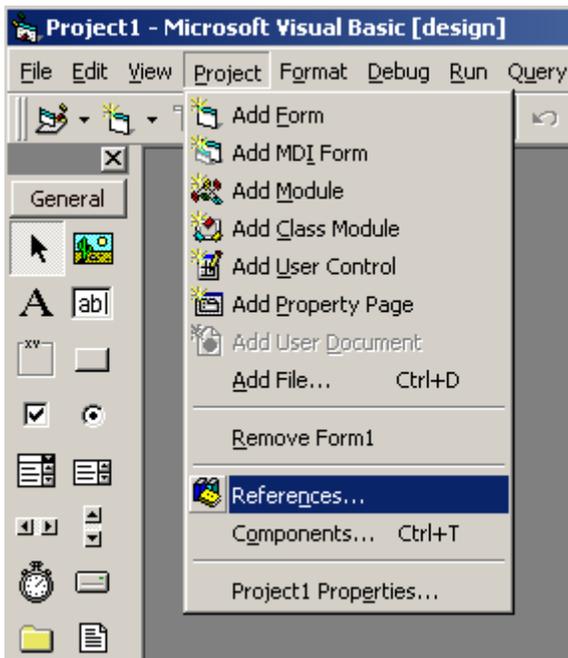
| Code | Meaning |
|------|-----------------------|
| 1 | Success – no error |
| 0 | File does not exist |
| -1 | General error |
| -2 | Not a valid Tiff file |

Calling the Tiff Splitter COM from Visual Basic

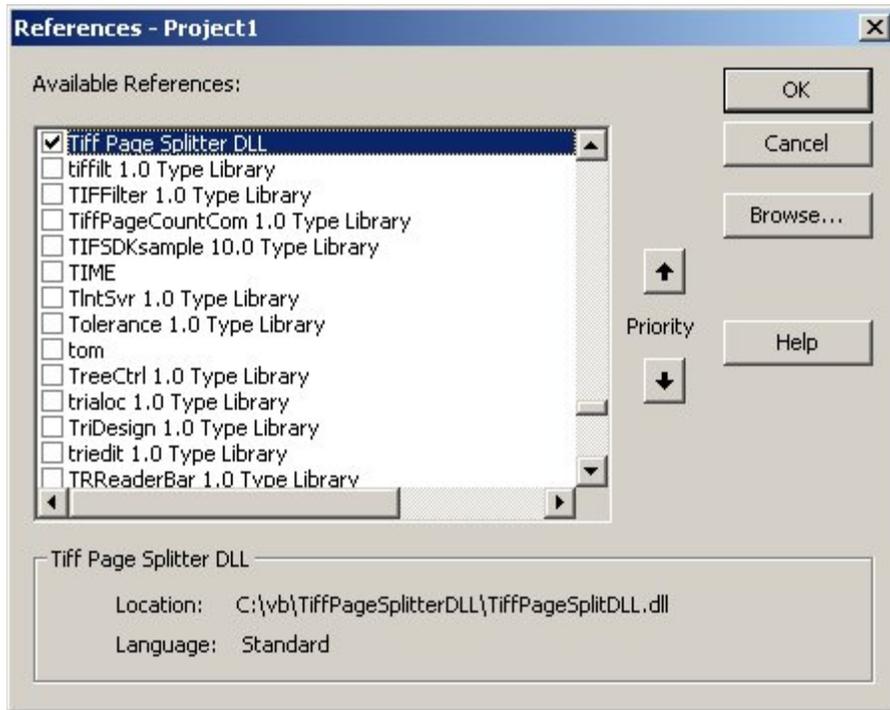
It is easy to call the Tiff Splitter methods from Visual Basic because Visual Basic has excellent support for COM objects.

Referencing the Tiff Splitter from Visual Basic

The first step in using the Tiff Splitter 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 “TurboChart Graphics Library”. Then click “OK” to exit from the references screen.



If the “Tiff Page Splitter 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%\TiffPageSplitDLL.dll
```

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

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

Declaring the Tiff Splitter COM object in a Visual Basic program

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

```
Dim TSplit As New TiffPageSplitterDLL
```

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

Sample Program

```
Private Sub Split_Files()
```

```
    'declare our main splitter COM reference  
    Dim TSplit As New TiffPageSplitterDLL
```

```
    'dim our result variable  
    Dim rslt As Long  
    Dim usefile as String
```

```
    usefile = "c:\vb\tiffpagesplitterdll\test\50740.tif"
```

```
    'call our main splitter function  
    rslt = TSplit.Tiff_PageSplit(cstr(usefile), "c:\vb\tiffpagesplitterdll\test\")
```

```
    'give some response back to the user regarding the result of the split  
    If rslt = 1 Then  
        MsgBox ("File was split successfully")  
    Else  
        MsgBox ("There was an error splitting the file")  
    End If
```

```
    'clear our variable  
    Set TSplit = Nothing
```

```
End Sub
```

Calling the Tiff Splitter COM from ASP Scripts

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

```
set tsplit = server.createobject("TiffPageSplitDLL.TiffPageSplitterDLL")
```

After doing that, you can invoke the Tiff Splitter method by specifying `tsplit.Tiff_PageSplit ()` in the script. Note, unlike Visual Basic, there is no way to set up a "Reference" to the Splitter 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 splits a tiff file.

```
<HTML>
<%
    set tsplit = server.createobject("TiffPageSplitDLL.TiffPageSplitterDLL")

    dim rsIt as long
    dim usefile as string

    usefile = "c:\vb\tiffpagesplitterdll\test\50740.tif"

    rsIt = tsplit.Tiff_PageSplit(cstr(usefile), "c:\vb\tiffpagesplitterdll\test\")

%>
</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 Splitter Online

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