

PDF Combiner

A simple Windows Forms app to combine multiple PDF files in a single PDF file

Table of Contents

Symbol Reference	1
PdfCombiner Namespace	1
PdfCombiner.Properties Namespace	1
Classes	1
Resources Class	1
Settings Class	3
Classes	4
BaseException Class	4
BaseException Constructor	4
ExceptionExtensions Class	5
ExceptionExtensions Methods	5
FrmMain Class	6
FrmMain.FrmMain Constructor	8
FrmMain Fields	8
FrmMain Methods	10
Program Class	24
Program Methods	25
Files	25
AssemblyInfo.cs	26
BaseException.cs	26
ExceptionExtensions.cs	27
FrmMain.cs	27
FrmMain.Designer.cs	36
PdfCombiner.csproj	40
PdfCombiner.sln	40
Program.cs	40
Resources.Designer.cs	41
Settings.Designer.cs	42
Index	a

1 Symbol Reference





1.1 PdfCombiner Namespace

This is namespace PdfCombiner.

Namespaces

Name	Description
Properties (see page 1)	This is namespace PdfCombiner.Properties.



Classes

	Name	Description
	BaseException (see page 4)	This function is used to take exceptions which can be thrown in PDF Combiner App
	ExceptionExtensions (see page 5)	This is class PdfCombiner.ExceptionExtensions.
	FrmMain (see page 6)	This is class PdfCombiner.FrmMain.
	Program (see page 24)	This is class PdfCombiner.Program.

1.1.1 PdfCombiner.Properties Namespace

This is namespace PdfCombiner.Properties.



Classes

	Name	Description
	Resources (see page 1)	A strongly-typed resource class, for looking up localized strings, etc.
	Settings (see page 3)	This is class PdfCombiner.Properties.Settings.

1.1.1.1 Classes

The following table lists classes in this documentation.

Classes

	Name	Description
	Resources (see page 1)	A strongly-typed resource class, for looking up localized strings, etc.
	Settings (see page 3)	This is class PdfCombiner.Properties.Settings.

1.1.1.1.1 Resources Class

A strongly-typed resource class, for looking up localized strings, etc.

Class Hierarchy

PdfCombiner.Properties.Resources

C#

```
[global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Resources.Tools.StronglyTypedResourceBuilder",
"15.0.0.0")]
[global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
[global::System.Runtime.CompilerServices.CompilerGeneratedAttribute()]
internal class Resources;
```


File

Resources.Designer.cs ([see page 41](#))



Description

This class was auto-generated by the StronglyTypedResourceBuilder class via a tool like ResGen or Visual Studio. To add or remove a member, edit your .ResX file then rerun ResGen with the /str option, or rebuild your VS project.



Methods

	Name	Description
	Resources (see page 2)	This is Resources, a member of class Resources.

Resources Fields

	Name	Description
	resourceCulture (see page 2)	This is resourceCulture, a member of class Resources.
	resourceMan (see page 3)	This is resourceMan, a member of class Resources.

Resources Properties

	Name	Description
	Culture (see page 3)	Overrides the current thread's CurrentUICulture property for all resource lookups using this strongly typed resource class.
	ResourceManager (see page 3)	Returns the cached ResourceManager instance used by this class.

1.1.1.1.1.1 Resources.Resources Constructor**C#**

```
[global::System.Diagnostics.CodeAnalysis.SuppressMessageAttribute("Microsoft.Performance",
"CA1811:AvoidUncalledPrivateCode")]
internal Resources();
```

Description

This is Resources, a member of class Resources.

Body Source

```
1:
[global::System.Diagnostics.CodeAnalysis.SuppressMessageAttribute("Microsoft.Performance",
"CA1811:AvoidUncalledPrivateCode")]
2: internal Resources() {
3: }
```

1.1.1.1.1.2 Resources Fields**1.1.1.1.1.2.1 Resources.resourceCulture Field****C#**

```
private static global::System.Globalization.CultureInfo resourceCulture;
```

Description

This is resourceCulture, a member of class Resources.

1.1.1.1.1.2.2 Resources.resourceMan Field

C#

```
private static global::System.Resources.ResourceManager resourceMan;
```

Description

This is resourceMan, a member of class Resources.

1.1.1.1.1.3 Resources Properties

1.1.1.1.1.3.1 Resources.Culture Property

Overrides the current thread's CurrentUICulture property for all resource lookups using this strongly typed resource class.

C#

```
[global::System.ComponentModel.EditorBrowsableAttribute(global::System.ComponentModel.EditorBrowsableState.Advanced)]
internal static global::System.Globalization.CultureInfo Culture;
```

1.1.1.1.1.3.2 Resources.ResourceManager Property

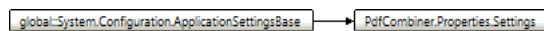
Returns the cached ResourceManager instance used by this class.

C#

```
[global::System.ComponentModel.EditorBrowsableAttribute(global::System.ComponentModel.EditorBrowsableState.Advanced)]
internal static global::System.Resources.ResourceManager ResourceManager;
```

1.1.1.1.2 Settings Class

Class Hierarchy



C#

```
[global::System.Runtime.CompilerServices.CompilerGeneratedAttribute()]
[global::System.CodeDom.Compiler.GeneratedCodeAttribute("Microsoft.VisualStudio.Editors.SettingsDesigner.SettingsSingleFileGenerator",
"11.0.0.0")]
internal sealed class Settings : global::System.Configuration.ApplicationSettingsBase;
```

File

Settings.Designer.cs ([see page 42](#))

Description

This is class PdfCombiner.Properties.Settings.

Settings Fields

	Name	Description
	defaultInstance (see page 3)	This is defaultInstance, a member of class Settings.

1.1.1.1.2.1 Settings Fields

1.1.1.1.2.1.1 Settings.defaultInstance Field

C#

```
private static Settings defaultInstance =
```

```
((Settings)(global::System.Configuration.ApplicationSettingsBase.Synchronized(new Settings())));
```





Description

This is defaultInstance, a member of class Settings.

1.1.2 Classes

The following table lists classes in this documentation.

Classes

	Name	Description
	BaseException (see page 4)	This function is used to take exceptions which can be thrown in PDF Combiner App
	ExceptionExtensions (see page 5)	This is class PdfCombiner.ExceptionExtensions.
	FrmMain (see page 6)	This is class PdfCombiner.FrmMain.
	Program (see page 24)	This is class PdfCombiner.Program.

1.1.2.1 BaseException Class

This function is used to take exceptions which can be thrown in PDF Combiner App

Class Hierarchy




C#

```
[Serializable]
public abstract class BaseException : Exception;
```

File

BaseException.cs (see page 26)

Methods

	Name	Description
	BaseException (see page 4)	This is BaseException, a member of class BaseException.

1.1.2.1.1 BaseException Constructor

1.1.2.1.1.1 BaseException.BaseException Constructor ()

C#

```
protected BaseException();
```

Description

This is BaseException, a member of class BaseException.

Body Source

```
1: protected BaseException()
2: {
3: }
```

1.1.2.1.1.2 BaseException.BaseException Constructor (string)

C#

```
protected BaseException(string message);
```

Description

This is BaseException, a member of class BaseException.

Body Source

```
1: protected BaseException(string message) : base(message)
2: {
3: }
```

1.1.2.1.1.3 BaseException.BaseException Constructor (string, Exception)

C#

```
protected BaseException(string message, Exception innerException);
```

Description

This is BaseException, a member of class BaseException.

Body Source

```
1: protected BaseException(string message, Exception innerException) : base(message,
innerException)
2: {
3: }
```

1.1.2.2 ExceptionExtensions Class

Class Hierarchy

PdfCombiner.ExceptionExtensions

C#

```
public static class ExceptionExtensions;
```

File

ExceptionExtensions.cs (🔗 see page 27)

Description

This is class PdfCombiner.ExceptionExtensions.

ExceptionExtensions Methods

	Name	Description
🔗	GetAllMessages (🔗 see page 5)	This method is used to take all messages with stack trace info in exception

1.1.2.2.1 ExceptionExtensions Methods

1.1.2.2.1.1 ExceptionExtensions.GetAllMessages Method

This method is used to take all messages with stack trace info in exception

C#

```
public static string GetAllMessages(this Exception exception);
```

Parameters

Parameters	Description
this Exception exception	Exception

Returns

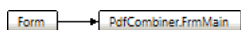
Detailed Error Message

Body Source

```

1: public static string GetAllMessages(this Exception exception)
2: {
3:     var messages = exception.Message;
4:     if (exception.InnerException != null)
5:         messages += " " + exception.InnerException.GetAllMessages();
6:     if (!string.IsNullOrEmpty(exception.StackTrace))
7:         messages += " " + exception.StackTrace;
8:     if (!string.IsNullOrEmpty(exception.Source))
9:         messages += " " + exception.Source;
10:    return messages;
11: }
```

1.1.2.3 FrmMain Class

Class Hierarchy**C#**

```
public class FrmMain : Form;
```

File

FrmMain.Designer.cs (see page 36)

Description







This is class PdfCombiner.FrmMain.

Methods



















	Name	Description
	FrmMain (see page 8)	This is FrmMain, a member of class FrmMain.





FrmMain Fields

	Name	Description
	AppTitle (see page 8)	This is AppTitle, a member of class FrmMain.
	btnAddFile (see page 8)	This is btnAddFile, a member of class FrmMain.
	btnAddFolder (see page 8)	This is btnAddFolder, a member of class FrmMain.
	btnClearList (see page 8)	This is btnClearList, a member of class FrmMain.
	btnCombineITextSharp (see page 9)	This is btnCombineITextSharp, a member of class FrmMain.
	btnCombinePdfSharp (see page 9)	This is btnCombinePdfSharp, a member of class FrmMain.
	components (see page 9)	Required designer variable.
	lbFiles (see page 9)	This is lbFiles, a member of class FrmMain.
	lblDetails (see page 9)	This is lblDetails, a member of class FrmMain.
	menuItemDelete (see page 9)	This is menuItemDelete, a member of class FrmMain.

	menuItemOrderByNameAscending (see page 9)	This is menuItemOrderByNameAscending, a member of class FrmMain.
	menuItemOrderByNameDescending (see page 10)	This is menuItemOrderByNameDescending, a member of class FrmMain.
	menuItemOrderByPathAscending (see page 10)	This is menuItemOrderByPathAscending, a member of class FrmMain.
	menuItemOrderByPathDescending (see page 10)	This is menuItemOrderByPathDescending, a member of class FrmMain.
	menuStrip (see page 10)	This is menuStrip, a member of class FrmMain.
	pbFiles (see page 10)	This is pbFiles, a member of class FrmMain.

FrmMain Methods

	Name	Description
	btnAddFile_Click (see page 10)	It is used to add single or multiple PDF files to combine When you choose file or files The listbox in the form will be filled with the name of the files Which you choose to combine
	btnAddFolder_Click (see page 11)	This function is used to add PDF files in a folder which you choose in Folder Dialog recursively When you use it the added files will be seen in listbox
	btnClearList_Click (see page 12)	This function is used to clear the file list in listbox
	btnCombineITextSharp_Click (see page 12)	This function is used to take list of PDF files in listbox, Combine them with a single file in location which you choose in folder dialog And you can see the progress in progress bar It uses iTextSharp Nuget Package
	btnCombinePdfSharp_Click (see page 13)	This function is used to take list of PDF files in listbox, Combine them with a single file in location which you choose in folder dialog And you can see the progress in progress bar It uses PdfSharp Nuget Package
	DeleteFilesFromListBox (see page 15)	This method is used to Delete selected files from ListBox This is used different ways in this app So we created this as a method
	Dispose (see page 15)	Clean up any resources being used.
	FrmMain_FormClosed (see page 16)	This function is used to terminate application
	FrmMain_Shown (see page 16)	This function is used to assign menu to listbox When form is shown
	InitializeComponent (see page 16)	Required method for Designer support - do not modify the contents of this method with the code editor.
	InitializeFileDialog (see page 19)	This function is used to set options of file dialog like Filter, start path etc.
	lbFiles_DragDrop (see page 20)	This is used to drag and drop an item in listbox Which is used to order books and combine them with that order
	lbFiles_DragOver (see page 20)	This is used to give effect while dragging and dropping an item in listbox
	lbFiles_KeyDown (see page 21)	This function is used to delete files in listbox which are chosen If you press the Delete button in your keyboard The selected files will be deleted from the list
	lbFiles_MouseDown (see page 21)	This is used to control mouse actions and if that is not right click Start to drag and drop item in listbox
	menuItemDelete_Click (see page 21)	This is used to delete selected items in listbox When menu item Delete is clicked and opened dialog
	menuItemOrderByNameAscending_Click (see page 22)	This method is used to order elements in listbox ascending by file name
	menuItemOrderByNameDescending_Click (see page 22)	This method is used to order elements in listbox descending by file name

	menuItemOrderByPathAscending_Click (see page 23)	This method is used to order elements in listbox ascending by full path
	menuItemOrderByPathDescending_Click (see page 23)	This method is used to order elements in listbox descending by full path
	SortItemsByName (see page 23)	This method is used to order items by file name in listbox And return them with the given order as parametre
	SortItemsByPath (see page 24)	This method is used to order items by full path in listbox And return them with the given order as parametre

1.1.2.3.1 FrmMain.FrmMain Constructor

C#

```
public FrmMain();
```

Description

This is FrmMain, a member of class FrmMain.

Body Source

```
1: public FrmMain()
2: {
3:     InitializeComponent();
4: }
```

1.1.2.3.2 FrmMain Fields

1.1.2.3.2.1 FrmMain.AppTitle Field

C#

```
public const string AppTitle = "PDF Combiner";
```

Description

This is AppTitle, a member of class FrmMain.

1.1.2.3.2.2 FrmMain.btnAddFile Field

C#

```
private System.Windows.Forms.Button btnAddFile;
```

Description

This is btnAddFile, a member of class FrmMain.

1.1.2.3.2.3 FrmMain.btnAddFolder Field

C#

```
private System.Windows.Forms.Button btnAddFolder;
```

Description

This is btnAddFolder, a member of class FrmMain.

1.1.2.3.2.4 FrmMain.btnClearList Field

C#

```
private System.Windows.Forms.Button btnClearList;
```

Description

This is btnClearList, a member of class FrmMain.

1.1.2.3.2.5 FrmMain.btnCombineITextSharp Field**C#**

```
private System.Windows.Forms.Button btnCombineITextSharp;
```

Description

This is btnCombineITextSharp, a member of class FrmMain.

1.1.2.3.2.6 FrmMain.btnCombinePdfSharp Field**C#**

```
private System.Windows.Forms.Button btnCombinePdfSharp;
```

Description

This is btnCombinePdfSharp, a member of class FrmMain.

1.1.2.3.2.7 FrmMain.components Field

Required designer variable.

C#

```
private System.ComponentModel.IContainer components;
```

1.1.2.3.2.8 FrmMain.lbFiles Field**C#**

```
private System.Windows.Forms.ListBox lbFiles;
```

Description

This is lbFiles, a member of class FrmMain.

1.1.2.3.2.9 FrmMain.lblDetails Field**C#**

```
private System.Windows.Forms.Label lblDetails;
```

Description

This is lblDetails, a member of class FrmMain.

1.1.2.3.2.10 FrmMain.menuItemDelete Field**C#**

```
private System.Windows.Forms.ToolStripMenuItem menuItemDelete;
```

Description

This is menuItemDelete, a member of class FrmMain.

1.1.2.3.2.11 FrmMain.menuItemOrderByNameAscending Field**C#**

```
private System.Windows.Forms.ToolStripMenuItem menuItemOrderByNameAscending;
```

Description

This is menuItemOrderByNameAscending, a member of class FrmMain.

1.1.2.3.2.12 FrmMain.menuItemOrderByNameDescending Field**C#**

```
private System.Windows.Forms.ToolStripItem menuItemOrderByNameDescending;
```

Description

This is menuItemOrderByNameDescending, a member of class FrmMain.

1.1.2.3.2.13 FrmMain.menuItemOrderByPathAscending Field**C#**

```
private System.Windows.Forms.ToolStripItem menuItemOrderByPathAscending;
```

Description

This is menuItemOrderByPathAscending, a member of class FrmMain.

1.1.2.3.2.14 FrmMain.menuItemOrderByPathDescending Field**C#**

```
private System.Windows.Forms.ToolStripItem menuItemOrderByPathDescending;
```

Description

This is menuItemOrderByPathDescending, a member of class FrmMain.

1.1.2.3.2.15 FrmMain.menuStrip Field**C#**

```
private System.Windows.Forms.ContextMenuStrip menuStrip;
```

Description

This is menuStrip, a member of class FrmMain.

1.1.2.3.2.16 FrmMain.pbFiles Field**C#**

```
private System.Windows.Forms.ProgressBar pbFiles;
```

Description

This is pbFiles, a member of class FrmMain.

1.1.2.3.3 FrmMain Methods**1.1.2.3.3.1 FrmMain.btnAddFile_Click Method**

It is used to add single or multiple PDF files to combine When you choose file or files The listbox in the form will be filled with the name of the files Which you choose to combine

C#

```
private void btnAddFile_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void btnAddFile_Click(object sender, EventArgs e)
2: {
3:     using (var dialogAddFile = new OpenFileDialog())
4:     {
5:         InitializeFileDialog(dialogAddFile);
6:         var result = dialogAddFile.ShowDialog();
7:         var addedFileCount = 0;
8:         if (result == DialogResult.OK && dialogAddFile.FileNames != null)
9:         {
10:            foreach (var file in dialogAddFile.FileNames)
11:            {
12:                if (!lbFiles.Items.Contains(file))
13:                {
14:                    lbFiles.Items.Add(file);
15:                    addedFileCount++;
16:                }
17:            }
18:            MessageBox.Show(addedFileCount + " file/s successfully added to the list",
AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
19:        }
20:    }
21: }

```

1.1.2.3.3.2 FrmMain.btnAddFolder_Click Method

This function is used to add PDF files in a folder which you choose in Folder Dialog recursively When you use it the added files will be seen in listbox

C#

```
private void btnAddFolder_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void btnAddFolder_Click(object sender, EventArgs e)
2: {
3:     using (var dialogAddFolder = new FolderBrowserDialog())
4:     {
5:         var result = dialogAddFolder.ShowDialog();
6:         if (result == DialogResult.OK &&
!string.IsNullOrEmpty(dialogAddFolder.SelectedPath))
7:         {
8:             var fileNames = Directory.GetFiles(dialogAddFolder.SelectedPath, "*.pdf",
SearchOption.AllDirectories);
9:             var addedFileCount = 0;
10:            foreach (var file in fileNames)
11:            {
12:                if (!lbFiles.Items.Contains(file))
13:                {
14:                    lbFiles.Items.Add(file);
15:                    addedFileCount++;
16:                }
17:            }

```

```

18:             MessageBox.Show(addedFileCount + " file/s successfully added to the list",
AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
19:         }
20:     }
21: }

```

1.1.2.3.3.3 FrmMain.btnClearList_Click Method

This function is used to clear the file list in listbox

C#

```
private void btnClearList_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void btnClearList_Click(object sender, EventArgs e)
2: {
3:     var fileCount = lbFiles.Items.Count;
4:     lbFiles.Items.Clear();
5:     MessageBox.Show(fileCount + " file/s successfully deleted from the list", AppTitle,
MessageBoxButtons.OK, MessageBoxIcon.Information);
6: }

```

1.1.2.3.3.4 FrmMain.btnCombineITextSharp_Click Method

This function is used to take list of PDF files in listbox, Combine them with a single file in location which you choose in folder dialog And you can see the progress in progress bar It uses iTextSharp Nuget Package

C#

```
private void btnCombineITextSharp_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void btnCombineITextSharp_Click(object sender, EventArgs e)
2: {
3:     try
4:     {
5:         if (lbFiles.Items.Count < 2)
6:             MessageBox.Show("There must be at least 2 PDF files to combine", AppTitle,
MessageBoxButtons.OK, MessageBoxIcon.Error);
7:         else
8:         {
9:             using (var dialogExport = new FolderBrowserDialog())
10:            {
11:                var result = dialogExport.ShowDialog();
12:                if (result == DialogResult.OK &&
!string.IsNullOrEmpty(dialogExport.SelectedPath))
13:                {
14:                    var outputFileName = dialogExport.SelectedPath + "/" +
Guid.NewGuid() + ".pdf";
15:                    var fileCount = lbFiles.Items.Count;
16:                    var combinedFiles = 0;
17:
18:                    var outputFile = new Document();
19:                    using (FileStream outputStream = new FileStream(outputFileName,

```

```

 FileMode.Create))
20:
21:         {
22:             using (var pdfWriter = new
iTextSharp.text.pdf.PdfCopy(outputFile, outputFileStream))
23:             {
24:                 if (pdfWriter == null)
25:                 {
26:                     return;
27:                 }
28:                 pdfWriter.SetFullCompression();
29:                 outputFile.Open();
30:                 for (int i = 0; i < lbFiles.Items.Count; i++)
31:                 {
32:                     try
33:                     {
34:                         var pdfReader = new
iTextSharp.text.pdf.PdfReader(lbFiles.Items[i].ToString());
35:                         pdfReader.ConsolidateNamedDestinations();
36:                         for (int j = 1; j <= pdfReader.NumberOfPages; j++)
37:                         {
38:                             var page = pdfWriter.GetImportedPage(pdfReader,
39:                             pdfWriter.AddPage(page);
40:                         }
41:                         pdfReader.Close();
42:                         combinedFiles++;
43:                     }
44:                     catch (Exception)
45:                     {
46:                         fileCount--;
47:                     }
48:                     pbFiles.Value = (combinedFiles * 100 / fileCount);
49:                     if (pbFiles.Value > pbFiles.Maximum)
50:                         pbFiles.Value = pbFiles.Maximum;
51:                     ActiveForm.Text = "%" + pbFiles.Value;
52:                 }
53:                 pdfWriter.Close();
54:             }
55:             outputFile.Close();
56:         }
57:
58:         MessageBox.Show(fileCount + " PDF files successfully combined in "
+ outputFileName, AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
59:
60:         pbFiles.Value = pbFiles.Minimum;
61:         ActiveForm.Text = AppTitle;
62:     }
63: }
64: }
65: }
66: catch (Exception ex)
67: {
68:     MessageBox.Show("There is an error while combining PDF files in list. Details:
" + ex.GetAllMessages(), AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Error);
69:     pbFiles.Value = pbFiles.Minimum;
70:     ActiveForm.Text = AppTitle;
71: }
72: }

```

1.1.2.3.3.5 FrmMain.btnCombinePdfSharp_Click Method

This function is used to take list of PDF files in listbox, Combine them with a single file in location which you choose in folder dialog And you can see the progress in progress bar It uses PdfSharp Nuget Package

C#

```
private void btnCombinePdfSharp_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void btnCombinePdfSharp_Click(object sender, EventArgs e)
2: {
3:     try
4:     {
5:         if (lbFiles.Items.Count < 2)
6:             MessageBox.Show("There must be at least 2 PDF files to combine", AppTitle,
7:                             MessageBoxButtons.OK, MessageBoxIcon.Error);
8:         else
9:         {
10:            using (var dialogExport = new FolderBrowserDialog())
11:            {
12:                var result = dialogExport.ShowDialog();
13:                if (result == DialogResult.OK &&
14:                    !string.IsNullOrEmpty(dialogExport.SelectedPath))
15:                {
16:                    var outputFileName = dialogExport.SelectedPath + "/" +
17:                        Guid.NewGuid() + ".pdf";
18:                    using (var outputFile = new PdfDocument())
19:                    {
20:                        outputFile.Options.CompressContentStreams = true;
21:                        outputFile.Options.EnableCcittCompressionForBilevelImages =
22:                            true;
23:                        outputFile.Options.FluteEncodeMode =
24:                            PdfFlateEncodeMode.BestCompression;
25:                        var fileCount = lbFiles.Items.Count;
26:                        var combinedFiles = 0;
27:
28:                        for (int i = 0; i < lbFiles.Items.Count; i++)
29:                        {
30:                            try
31:                            {
32:                                var inputDocument =
33:                                    PdfReader.Open(lbFiles.Items[i].ToString(), PdfDocumentOpenMode.Import);
34:                                var count = inputDocument.PageCount;
35:                                for (int idx = 0; idx < count; idx++)
36:                                {
37:                                    var page = inputDocument.Pages[idx];
38:                                    outputFile.AddPage(page);
39:                                }
40:                                inputDocument.Close();
41:                                combinedFiles++;
42:                            }
43:                            catch (Exception)
44:                            {
45:                                fileCount--;
46:                            }
47:                        }
48:                        pbFiles.Value = (combinedFiles * 100 / fileCount);
49:                        if (pbFiles.Value > pbFiles.Maximum)
50:                            pbFiles.Value = pbFiles.Maximum;
51:                        ActiveForm.Text = "%" + pbFiles.Value;
52:                    }
53:                    outputFile.Save(outputFileName);
54:                    outputFile.Close();
55:
56:                    MessageBox.Show(fileCount + " PDF files successfully combined
57:in " + outputFileName, AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
58:                }
59:            }
60:
61:            pbFiles.Value = pbFiles.Minimum;

```



```

54:             ActiveForm.Text = AppTitle;
55:         }
56:     }
57: }
58: }
59: catch (Exception ex)
60: {
61:     MessageBox.Show("There is an error while combining PDF files in list. Details:
" + ex.GetAllMessages(), AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Error);
62:     pbFiles.Value = pbFiles.Minimum;
63:     ActiveForm.Text = AppTitle;
64: }
65: }

```

1.1.2.3.3.6 FrmMain.DeleteFilesFromListBox Method

This method is used to Delete selected files from ListBox This is used different ways in this app So we created this as a method

C#

```
private void DeleteFilesFromListBox();
```

Body Source

```

1: private void DeleteFilesFromListBox()
2: {
3:     var allItems = new List<string>();
4:     var removedItems = new List<string>();
5:     var fileCount = lbFiles.SelectedItems.Count;
6:     for (int i = 0; i < lbFiles.SelectedItems.Count; i++)
7:     {
8:         removedItems.Add(lbFiles.SelectedItems[i].ToString());
9:     }
10:    foreach (var item in lbFiles.Items)
11:    {
12:        if (!removedItems.Any(j => j == item.ToString()))
13:            allItems.Add(item.ToString());
14:    }
15:    lbFiles.Items.Clear();
16:    foreach (var item in allItems)
17:    {
18:        lbFiles.Items.Add(item);
19:    }
20:    MessageBox.Show(fileCount + " file/s are deleted from the list.", AppTitle,
MessageBoxButtons.OK, MessageBoxIcon.Information);
21: }

```

1.1.2.3.3.7 FrmMain.Dispose Method

Clean up any resources being used.

C#

```
protected override void Dispose(bool disposing);
```

Parameters

Parameters	Description
bool disposing	true if managed resources should be disposed; otherwise, false.

Body Source

```

1: protected override void Dispose(bool disposing)
2: {
3:     if (disposing && (components != null))
4:     {
5:         components.Dispose();
6:     }

```

```

7:     base.Dispose(disposing);
8: }

```

1.1.2.3.3.8 FrmMain.FrmMain_FormClosed Method

This function is used to terminate application

C#

```
private void FrmMain_FormClosed(object sender, FormClosedEventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
FormClosedEventArgs e	Event Arguments

Body Source

```

1: private void FrmMain_FormClosed(object sender, FormClosedEventArgs e)
2: {
3:     MessageBox.Show("Thanks for using this app", AppTitle, MessageBoxButtons.OK,
4:     MessageBoxIcon.Information);
5:     Application.Exit();
6: }

```

1.1.2.3.3.9 FrmMain.FrmMain_Shown Method

This function is used to assign menu to listbox When form is shown

C#

```
private void FrmMain_Shown(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void FrmMain_Shown(object sender, EventArgs e)
2: {
3:     lbFiles.ContextMenuStrip = menuStrip;
4: }

```

1.1.2.3.3.10 FrmMain.InitializeComponent Method

Required method for Designer support - do not modify the contents of this method with the code editor.

C#

```
private void InitializeComponent();
```

Body Source

```

1: private void InitializeComponent()
2: {
3:     this.components = new System.ComponentModel.Container();
4:     System.ComponentModel.ComponentResourceManager resources = new
5: System.ComponentModel.ComponentResourceManager(typeof(FrmMain));
6:     this.btnCombinePdfSharp = new System.Windows.Forms.Button();
7:     this.btnAddFolder = new System.Windows.Forms.Button();
8:     this.btnAddFile = new System.Windows.Forms.Button();
9:     this.btnClearList = new System.Windows.Forms.Button();
10:    this.lbFiles = new System.Windows.Forms.ListBox();
11:    this.lblDetails = new System.Windows.Forms.Label();
12:    this.pbFiles = new System.Windows.Forms.ProgressBar();
13:    this.btnCombineITextSharp = new System.Windows.Forms.Button();

```

```

13:     this.menuStrip = new System.Windows.Forms.ContextMenuStrip(this.components);
14:     this.menuItemDelete = new System.Windows.Forms.ToolStripMenuItem();
15:     this.menuItemOrderByPathAscending = new System.Windows.Forms.ToolStripMenuItem();
16:     this.menuItemOrderByPathDescending = new System.Windows.Forms.ToolStripMenuItem();
17:     this.menuItemOrderByNameAscending = new System.Windows.Forms.ToolStripMenuItem();
18:     this.menuItemOrderByNameDescending = new System.Windows.Forms.ToolStripMenuItem();
19:     this.menuStrip.SuspendLayout();
20:     this.SuspendLayout();
21:     //
22:     // btnCombinePdfSharp
23:     //
24:     this.btnCombinePdfSharp.Image =
((System.Drawing.Image)(resources.GetObject("btnCombinePdfSharp.Image")));
25:     this.btnCombinePdfSharp.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
26:     this.btnCombinePdfSharp.Location = new System.Drawing.Point(442, 5);
27:     this.btnCombinePdfSharp.Name = "btnCombinePdfSharp";
28:     this.btnCombinePdfSharp.Size = new System.Drawing.Size(214, 37);
29:     this.btnCombinePdfSharp.TabIndex = 0;
30:     this.btnCombinePdfSharp.Text = "Combine Files (PdfSharp)";
31:     this.btnCombinePdfSharp.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
32:     this.btnCombinePdfSharp.UseVisualStyleBackColor = true;
33:     this.btnCombinePdfSharp.Click += new
System.EventHandler(this.btnCombinePdfSharp_Click);
34:     //
35:     // btnAddFolder
36:     //
37:     this.btnAddFolder.Image =
((System.Drawing.Image)(resources.GetObject("btnAddFolder.Image")));
38:     this.btnAddFolder.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
39:     this.btnAddFolder.Location = new System.Drawing.Point(12, 45);
40:     this.btnAddFolder.Name = "btnAddFolder";
41:     this.btnAddFolder.Size = new System.Drawing.Size(105, 37);
42:     this.btnAddFolder.TabIndex = 2;
43:     this.btnAddFolder.Text = "Add Folder";
44:     this.btnAddFolder.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
45:     this.btnAddFolder.UseVisualStyleBackColor = true;
46:     this.btnAddFolder.Click += new System.EventHandler(this.btnAddFolder_Click);
47:     //
48:     // btnAddFile
49:     //
50:     this.btnAddFile.Image =
((System.Drawing.Image)(resources.GetObject("btnAddFile.Image")));
51:     this.btnAddFile.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
52:     this.btnAddFile.Location = new System.Drawing.Point(12, 5);
53:     this.btnAddFile.Name = "btnAddFile";
54:     this.btnAddFile.Size = new System.Drawing.Size(105, 37);
55:     this.btnAddFile.TabIndex = 3;
56:     this.btnAddFile.Text = "Add Files";
57:     this.btnAddFile.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
58:     this.btnAddFile.UseVisualStyleBackColor = true;
59:     this.btnAddFile.Click += new System.EventHandler(this.btnAddFile_Click);
60:     //
61:     // btnClearList
62:     //
63:     this.btnClearList.Image =
((System.Drawing.Image)(resources.GetObject("btnClearList.Image")));
64:     this.btnClearList.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
65:     this.btnClearList.Location = new System.Drawing.Point(123, 5);
66:     this.btnClearList.Name = "btnClearList";
67:     this.btnClearList.Size = new System.Drawing.Size(105, 37);
68:     this.btnClearList.TabIndex = 4;
69:     this.btnClearList.Text = "Clear File List";
70:     this.btnClearList.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
71:     this.btnClearList.UseVisualStyleBackColor = true;
72:     this.btnClearList.Click += new System.EventHandler(this.btnClearList_Click);
73:     //
74:     // lbFiles
75:     //
76:     this.lbFiles.AllowDrop = true;

```

```

77:         this.lbFiles.FormattingEnabled = true;
78:         this.lbFiles.Location = new System.Drawing.Point(12, 88);
79:         this.lbFiles.Name = "lbFiles";
80:         this.lbFiles.SelectionMode = System.Windows.Forms.SelectionMode.MultiExtended;
81:         this.lbFiles.Size = new System.Drawing.Size(644, 186);
82:         this.lbFiles.TabIndex = 5;
83:         this.lbFiles.DragDrop += new
System.Windows.Forms.DragEventHandler(this.lbFiles_DragDrop);
84:         this.lbFiles.DragOver += new
System.Windows.Forms.DragEventHandler(this.lbFiles_DragOver);
85:         this.lbFiles.KeyDown += new
System.Windows.Forms.KeyEventHandler(this.lbFiles_KeyDown);
86:         this.lbFiles.MouseDown += new
System.Windows.Forms.MouseEventHandler(this.lbFiles_MouseDown);
87:         //
88:         // lblDetails
89:         //
90:         this.lblDetails.AutoSize = true;
91:         this.lblDetails.Location = new System.Drawing.Point(12, 65);
92:         this.lblDetails.Name = "lblDetails";
93:         this.lblDetails.Size = new System.Drawing.Size(0, 13);
94:         this.lblDetails.TabIndex = 6;
95:         //
96:         // pbFiles
97:         //
98:         this.pbFiles.Location = new System.Drawing.Point(123, 45);
99:         this.pbFiles.Name = "pbFiles";
100:        this.pbFiles.Size = new System.Drawing.Size(313, 37);
101:        this.pbFiles.TabIndex = 7;
102:        //
103:        // btnCombineITextSharp
104:        //
105:        this.btnCombineITextSharp.Image =
((System.Drawing.Image)(resources.GetObject("btnCombineITextSharp.Image")));
106:        this.btnCombineITextSharp.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
107:        this.btnCombineITextSharp.Location = new System.Drawing.Point(442, 45);
108:        this.btnCombineITextSharp.Name = "btnCombineITextSharp";
109:        this.btnCombineITextSharp.Size = new System.Drawing.Size(214, 37);
110:        this.btnCombineITextSharp.TabIndex = 9;
111:        this.btnCombineITextSharp.Text = "Combine Files (iTextSharp)";
112:        this.btnCombineITextSharp.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
113:        this.btnCombineITextSharp.UseVisualStyleBackColor = true;
114:        this.btnCombineITextSharp.Click += new
System.EventHandler(this.btnCombineITextSharp_Click);
115:        //
116:        // menuStrip
117:        //
118:        this.menuStrip.Items.AddRange(new System.Windows.Forms.ToolStripItem[] {
119:            this.menuItemDelete,
120:            this.menuItemOrderByPathAscending,
121:            this.menuItemOrderByPathDescending,
122:            this.menuItemOrderByNameAscending,
123:            this.menuItemOrderByNameDescending});
124:        this.menuStrip.Name = "menuStrip";
125:        this.menuStrip.Size = new System.Drawing.Size(229, 114);
126:        //
127:        // menuItemDelete
128:        //
129:        this.menuItemDelete.Image =
((System.Drawing.Image)(resources.GetObject("menuItemDelete.Image")));
130:        this.menuItemDelete.Name = "menuItemDelete";
131:        this.menuItemDelete.Size = new System.Drawing.Size(228, 22);
132:        this.menuItemDelete.Text = "Delete";
133:        this.menuItemDelete.Click += new System.EventHandler(this.menuItemDelete_Click);
134:        //
135:        // menuItemOrderByPathAscending
136:        //
137:        this.menuItemOrderByPathAscending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByPathAscending.Image")));

```

```

138:         this.menuItemOrderByPathAscending.Name = "menuItemOrderByPathAscending";
139:         this.menuItemOrderByPathAscending.Size = new System.Drawing.Size(228, 22);
140:         this.menuItemOrderByPathAscending.Text = "Order By Path (Ascending)";
141:         this.menuItemOrderByPathAscending.Click += new
System.EventHandler(this.menuItemOrderByPathAscending_Click);
142:         //
143:         // menuItemOrderByPathDescending
144:         //
145:         this.menuItemOrderByPathDescending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByPathDescending.Image")));
146:         this.menuItemOrderByPathDescending.Name = "menuItemOrderByPathDescending";
147:         this.menuItemOrderByPathDescending.Size = new System.Drawing.Size(228, 22);
148:         this.menuItemOrderByPathDescending.Text = "Order By Path (Descending)";
149:         this.menuItemOrderByPathDescending.Click += new
System.EventHandler(this.menuItemOrderByPathDescending_Click);
150:         //
151:         // menuItemOrderByNameAscending
152:         //
153:         this.menuItemOrderByNameAscending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByNameAscending.Image")));
154:         this.menuItemOrderByNameAscending.Name = "menuItemOrderByNameAscending";
155:         this.menuItemOrderByNameAscending.Size = new System.Drawing.Size(228, 22);
156:         this.menuItemOrderByNameAscending.Text = "Order By Name (Ascending)";
157:         this.menuItemOrderByNameAscending.Click += new
System.EventHandler(this.menuItemOrderByNameAscending_Click);
158:         //
159:         // menuItemOrderByNameDescending
160:         //
161:         this.menuItemOrderByNameDescending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByNameDescending.Image")));
162:         this.menuItemOrderByNameDescending.Name = "menuItemOrderByNameDescending";
163:         this.menuItemOrderByNameDescending.Size = new System.Drawing.Size(228, 22);
164:         this.menuItemOrderByNameDescending.Text = "Order By Name (Descending)";
165:         this.menuItemOrderByNameDescending.Click += new
System.EventHandler(this.menuItemOrderByNameDescending_Click);
166:         //
167:         // FrmMain
168:         //
169:         this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
170:         this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
171:         this.ClientSize = new System.Drawing.Size(668, 287);
172:         this.Controls.Add(this.btnCombineITextSharp);
173:         this.Controls.Add(this.pbFiles);
174:         this.Controls.Add(this.lblDetails);
175:         this.Controls.Add(this.lbFiles);
176:         this.Controls.Add(this.btnClearList);
177:         this.Controls.Add(this.btnAddFile);
178:         this.Controls.Add(this.btnAddFolder);
179:         this.Controls.Add(this.btnCombinePdfSharp);
180:         this.Name = "FrmMain";
181:         this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
182:         this.Text = "PDF Combiner";
183:         this.FormClosed += new
System.Windows.Forms.FormClosedEventHandler(this.FrmMain_FormClosed);
184:         this.Shown += new System.EventHandler(this.FrmMain_Shown);
185:         this.menuStrip.ResumeLayout(false);
186:         this.ResumeLayout(false);
187:         this.PerformLayout();
188:
189: }

```

1.1.2.3.3.11 FrmMain.InitializeFileDialog Method

This function is used to set options of file dialog like Filter, start path etc.

C#

```
private static void InitializeFileDialog(OpenFileDialog dialogAddFile);
```

Parameters

Parameters	Description
OpenFileDialog dialogAddFile	File Dialog

Body Source

```
1: private static void InitializeFileDialog(OpenFileDialog dialogAddFile)
2: {
3:     dialogAddFile.Multiselect = true;
4:     dialogAddFile.Filter = "pdf files (*.pdf)|*.pdf";
5:     dialogAddFile.InitialDirectory = Application.StartupPath;
6:     dialogAddFile.Title = "Select PDF File/s";
7:     dialogAddFile.DefaultExt = "pdf";
8: }
```

1.1.2.3.3.12 FrmMain.lbFiles_DragDrop Method

This is used to drag and drop an item in listbox Which is used to order books and combine them with that order

C#

```
private void lbFiles_DragDrop(object sender, DragEventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
DragEventArgs e	Event Arguments

Description

m>

Body Source

```
1: private void lbFiles_DragDrop(object sender, DragEventArgs e)
2: {
3:     var point = lbFiles.PointToClient(new Point(e.X, e.Y));
4:     var index = this.lbFiles.IndexFromPoint(point);
5:     if (index < 0) index = this.lbFiles.Items.Count - 1;
6:     // type of string because file names stored in string in listbox
7:     var data = e.Data.GetData(typeof(string));
8:     this.lbFiles.Items.Remove(data);
9:     this.lbFiles.Items.Insert(index, data);
10: }
```

1.1.2.3.3.13 FrmMain.lbFiles_DragOver Method

This is used to give effect while dragging and dropping an item in listbox

C#

```
private void lbFiles_DragOver(object sender, DragEventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
DragEventArgs e	Event Arguments

Body Source

```
1: private void lbFiles_DragOver(object sender, DragEventArgs e)
2: {
3:     e.Effect = DragDropEffects.Move;
4: }
```

1.1.2.3.3.14 FrmMain.lbFiles_KeyDown Method

This function is used to delete files in listbox which are chosen If you press the Delete button in your keyboard The selected files will be deleted from the list

C#

```
private void lbFiles_KeyDown(object sender, KeyEventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
KeyEventArgs e	Event Arguments

Body Source

```
1: private void lbFiles_KeyDown(object sender, KeyEventArgs e)
2: {
3:     if (e.KeyValue == Keys.Delete.GetHashCode())
4:         DeleteFilesFromListBox();
5: }
```

1.1.2.3.3.15 FrmMain.lbFiles_MouseDown Method

This is used to control mouse actions and if that is not right click Start to drag and drop item in listbox

C#

```
private void lbFiles_MouseDown(object sender, MouseEventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
MouseEventArgs e	Event Arguments

Body Source

```
1: private void lbFiles_MouseDown(object sender, MouseEventArgs e)
2: {
3:     if (!e.Button.Equals(MouseButtons.Right))
4:     {
5:         if (lbFiles.SelectedItem == null) return;
6:         lbFiles.DoDragDrop(lbFiles.SelectedItem, DragDropEffects.Move);
7:     }
8: }
```

1.1.2.3.3.16 FrmMain.menuItemDelete_Click Method

This is used to delete selected items in listbox When menu item Delete is clicked and opened dialog

C#

```
private void menuItemDelete_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```
1: private void menuItemDelete_Click(object sender, EventArgs e)
2: {
3:     if (lbFiles.Items.Count > 0)
4:     {
```



```

5:         if (lbFiles.SelectedItems.Count > 0)
6:         {
7:             var deleteDialog = new DialogResult();
8:             deleteDialog = MessageBox.Show("You are about to delete " +
lbFiles.SelectedItems.Count + " files in listbox. Are you sure?", AppTitle,
MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
9:             if (deleteDialog == DialogResult.Yes)
10:                 DeleteFilesFromListBox();
11:         }
12:         else
13:             MessageBox.Show("There is no selected files in list.", AppTitle,
MessageBoxButtons.OK, MessageBoxIcon.Error);
14:     }
15:     else
16:         MessageBox.Show("There is no files in list.", AppTitle, MessageBoxButtons.OK,
MessageBoxIcon.Error);
17: }

```

1.1.2.3.3.17 FrmMain.menuItemOrderByNameAscending_Click Method

This method is used to order elements in listbox ascending by file name

C#

```
private void menuItemOrderByNameAscending_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void menuItemOrderByNameAscending_Click(object sender, EventArgs e)
2: {
3:     if (lbFiles.Items.Count > 0)
4:         lbFiles = SortItemsByName(lbFiles, true);
5:     else
6:         MessageBox.Show("There is no files in list.", AppTitle, MessageBoxButtons.OK,
MessageBoxIcon.Error);
7: }

```

1.1.2.3.3.18 FrmMain.menuItemOrderByNameDescending_Click Method

This method is used to order elements in listbox descending by file name

C#

```
private void menuItemOrderByNameDescending_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```

1: private void menuItemOrderByNameDescending_Click(object sender, EventArgs e)
2: {
3:     if (lbFiles.Items.Count > 0)
4:         lbFiles = SortItemsByName(lbFiles, false);
5:     else
6:         MessageBox.Show("There is no files in list.", AppTitle, MessageBoxButtons.OK,
MessageBoxIcon.Error);
7: }

```


1.1.2.3.3.19 FrmMain.menuItemOrderByPathAscending_Click Method

This method is used to order elements in listbox ascending by full path

C#

```
private void menuItemOrderByPathAscending_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```
1: private void menuItemOrderByPathAscending_Click(object sender, EventArgs e)
2: {
3:     if (lbFiles.Items.Count > 0)
4:         lbFiles = SortItemsByPath(lbFiles, true);
5:     else
6:         MessageBox.Show("There is no files in list.", AppTitle, MessageBoxButtons.OK,
7:             MessageBoxIcon.Error);
8: }
```

1.1.2.3.3.20 FrmMain.menuItemOrderByPathDescending_Click Method

This method is used to order elements in listbox descending by full path

C#

```
private void menuItemOrderByPathDescending_Click(object sender, EventArgs e);
```

Parameters

Parameters	Description
object sender	The sender info (For example Main Form)
EventArgs e	Event Arguments

Body Source

```
1: private void menuItemOrderByPathDescending_Click(object sender, EventArgs e)
2: {
3:     if (lbFiles.Items.Count > 0)
4:         lbFiles = SortItemsByPath(lbFiles, false);
5:     else
6:         MessageBox.Show("There is no files in list.", AppTitle, MessageBoxButtons.OK,
7:             MessageBoxIcon.Error);
8: }
```

1.1.2.3.3.21 FrmMain.SortItemsByName Method

This method is used to order items by file name in listbox And return them with the given order as parametre

C#

```
private static ListBox SortItemsByName(ListBox listBox, bool ascending);
```

Parameters

Parameters	Description
Listbox listBox	Listbox Info
bool ascending	Order Type is Ascending Or Not

Body Source

```
1: private static ListBox SortItemsByName(ListBox listBox, bool ascending)
2: {
```

```

3:     var fileNameList = new List<string>();
4:     List<object> items;
5:     items = listBox.Items.OfType<object>().ToList();
6:     const char c = '\u005c';
7:     foreach (var item in items)
8:     {
9:         var fullPath = item.ToString();
10:        var list = fullPath.Split(c).ToList();
11:        if (list.Count > 0)
12:            fileNameList.Add(list[list.Count - 1]);
13:    }
14:
15:    if (ascending)
16:        fileNameList = fileNameList.OrderBy(j => j).ToList();
17:    else
18:        fileNameList = fileNameList.OrderByDescending(j => j).ToList();
19:
20:    listBox.Items.Clear();
21:    foreach (var item in fileNameList)
22:        listBox.Items.Add(items.First(j => j.ToString().EndsWith(item)));
23:
24:    return listBox;
25: }

```

1.1.2.3.3.22 FrmMain.SortItemsByPath Method

This method is used to order items by full path in listbox And return them with the given order as parametre

C#

```
private static ListBox SortItemsByPath(ListBox listBox, bool ascending);
```

Parameters

Parameters	Description
ListBox listBox	ListBox Info
bool ascending	Order Type is Ascending Or Not

Body Source

```

1: private static ListBox SortItemsByPath(ListBox listBox, bool ascending)
2: {
3:     List<object> items;
4:     items = listBox.Items.OfType<object>().ToList();
5:     listBox.Items.Clear();
6:     if (ascending)
7:         listBox.Items.AddRange(items.OrderBy(i => i).ToArray());
8:     else
9:         listBox.Items.AddRange(items.OrderByDescending(i => i).ToArray());
10:    return listBox;
11: }

```

1.1.2.4 Program Class

Class Hierarchy

PdfCombiner.Program

C#

```
public static class Program;
```


File

Program.cs (see page 40)

Description

This is class PdfCombiner.Program.

Program Methods

	Name	Description
	Main (see page 25)	The main entry point for the application.

1.1.2.4.1 Program Methods**1.1.2.4.1.1 Program.Main Method**

The main entry point for the application.

C#

```
[STAThread]
private static void Main();
```

Body Source

```
1: [STAThread]
2: static void Main()
3: {
4:     Application.EnableVisualStyles();
5:     Application.SetCompatibleTextRenderingDefault(false);
6:     Application.Run(new FrmMain());
7: }
```

1.2 Files

The following table lists files in this documentation.

Files

Name	Description
AssemblyInfo.cs (see page 26)	This is file AssemblyInfo.cs.
BaseException.cs (see page 26)	This is file BaseException.cs.
ExceptionExtensions.cs (see page 27)	This is file ExceptionExtensions.cs.
FrmMain.cs (see page 27)	This is file FrmMain.cs.
FrmMain.Designer.cs (see page 36)	This is file FrmMain.Designer.cs.
PdfCombiner.csproj (see page 40)	This is file PdfCombiner.csproj.
PdfCombiner.sln (see page 40)	This is file PdfCombiner.sln.
Program.cs (see page 40)	This is file Program.cs.
Resources.Designer.cs (see page 41)	This code was generated by a tool. Runtime Version:4.0.30319.42000 Changes to this file may cause incorrect behavior and will be lost if the code is regenerated.
Settings.Designer.cs (see page 42)	This code was generated by a tool. Runtime Version:4.0.30319.42000 Changes to this file may cause incorrect behavior and will be lost if the code is regenerated.

1.2.1 AssemblyInfo.cs

This is file AssemblyInfo.cs.

Body Source

```
1: ?using System.Reflection;
2: using System.Runtime.CompilerServices;
3: using System.Runtime.InteropServices;
4:
5: // General Information about an assembly is controlled through the following
6: // set of attributes. Change these attribute values to modify the information
7: // associated with an assembly.
8: [assembly: AssemblyTitle("PdfCombiner")]
9: [assembly: AssemblyDescription("")]
10: [assembly: AssemblyConfiguration("")]
11: [assembly: AssemblyCompany("")]
12: [assembly: AssemblyProduct("PdfCombiner")]
13: [assembly: AssemblyCopyright("Copyright © 2022")]
14: [assembly: AssemblyTrademark("")]
15: [assembly: AssemblyCulture("")]
16:
17: // Setting ComVisible to false makes the types in this assembly not visible
18: // to COM components. If you need to access a type in this assembly from
19: // COM, set the ComVisible attribute to true on that type.
20: [assembly: ComVisible(false)]
21:
22: // The following GUID is for the ID of the typelib if this project is exposed to COM
23: [assembly: Guid("48e34ee8-dfaa-48db-acfd-70573cee9c00")]
24:
25: // Version information for an assembly consists of the following four values:
26: //
27: //      Major Version
28: //      Minor Version
29: //      Build Number
30: //      Revision
31: //
32: // You can specify all the values or you can default the Build and Revision Numbers
33: // by using the '*' as shown below:
34: // [assembly: AssemblyVersion("1.0.*")]
35: [assembly: AssemblyVersion("1.0.0.0")]
36: [assembly: AssemblyFileVersion("1.0.0.0")]
```

1.2.2 BaseException.cs

This is file BaseException.cs.

Body Source

```
1: ?using System;
2:
3: namespace PdfCombiner
4: {
5:     /// <summary>
6:     /// This function is used to take exceptions which can be thrown in
7:     /// PDF Combiner App
8:     /// </summary>
9:     [Serializable]
10:    public abstract class BaseException : Exception
11:    {
12:        protected BaseException()
```

```
13:         {
14:         }
15:
16:         protected BaseException(string message) : base(message)
17:         {
18:         }
19:
20:         protected BaseException(string message, Exception innerException) :
base(message, innerException)
21:         {
22:         }
23:     }
24: }
```

Namespaces

Name	Description
PdfCombiner (see page 1)	This is namespace PdfCombiner.

1.2.3 ExceptionExtensions.cs

This is file ExceptionExtensions.cs.

Body Source

```
1: ?using System;
2:
3: namespace PdfCombiner
4: {
5:     public static class ExceptionExtensions
6:     {
7:         /// <summary>
8:         /// This method is used to take all messages with stack trace info in exception
9:         /// </summary>
10:        /// <param name="exception">Exception</param>
11:        /// <returns>Detailed Error Message</returns>
12:        public static string GetAllMessages(this Exception exception)
13:        {
14:            var messages = exception.Message;
15:            if (exception.InnerException != null)
16:                messages += " " + exception.InnerException.GetAllMessages();
17:            if (!string.IsNullOrEmpty(exception.StackTrace))
18:                messages += " " + exception.StackTrace;
19:            if (!string.IsNullOrEmpty(exception.Source))
20:                messages += " " + exception.Source;
21:            return messages;
22:        }
23:    }
24: }
```

Namespaces

Name	Description
PdfCombiner (see page 1)	This is namespace PdfCombiner.

1.2.4 FrmMain.cs

This is file FrmMain.cs.

Body Source

```

1: ?using iTextSharp.text;
2: using PdfSharp.Pdf;
3: using PdfSharp.Pdf.IO;
4: using System;
5: using System.Collections.Generic;
6: using System.Drawing;
7: using System.IO;
8: using System.Linq;
9: using System.Windows.Forms;
10:
11: namespace PdfCombiner
12: {
13:     public partial class FrmMain : Form
14:     {
15:         public const string AppTitle = "PDF Combiner";
16:
17:         public FrmMain()
18:         {
19:             InitializeComponent();
20:         }
21:
22:         #region Form Init And Finalize Methods
23:
24:         /// <summary>
25:         /// This function is used to terminate application
26:         /// </summary>
27:         /// <param name="sender">The sender info (For example Main Form)</param>
28:         /// <param name="e">Event Arguments</param>
29:         private void FrmMain_FormClosed(object sender, FormClosedEventArgs e)
30:         {
31:             MessageBox.Show("Thanks for using this app", AppTitle,
32:             MessageBoxButtons.OK, MessageBoxIcon.Information);
33:             Application.Exit();
34:         }
35:
36:         /// <summary>
37:         /// This function is used to assign menu to listbox
38:         /// When form is shown
39:         /// </summary>
40:         /// <param name="sender">The sender info (For example Main Form)</param>
41:         /// <param name="e">Event Arguments</param>
42:         private void FrmMain_Shown(object sender, EventArgs e)
43:         {
44:             lbFiles.ContextMenuStrip = menuStrip;
45:         }
46:
47:         #endregion
48:
49:         #region Add Item Methods
50:
51:         /// <summary>
52:         /// It is used to add single or multiple PDF files to combine
53:         /// When you choose file or files
54:         /// The listbox in the form will be filled with the name of the files
55:         /// Which you choose to combine
56:         /// </summary>
57:         /// <param name="sender">The sender info (For example Main Form)</param>
58:         /// <param name="e">Event Arguments</param>
59:         private void btnAddFile_Click(object sender, EventArgs e)
60:         {
61:             using (var dialogAddFile = new OpenFileDialog())
62:             {
63:                 InitializeFileDialog(dialogAddFile);
64:                 var result = dialogAddFile.ShowDialog();
65:                 var addedFileCount = 0;
66:                 if (result == DialogResult.OK && dialogAddFile.FileNames != null)

```

```

66:         {
67:             foreach (var file in dialogAddFile.FileNames)
68:             {
69:                 if (!lbFiles.Items.Contains(file))
70:                 {
71:                     lbFiles.Items.Add(file);
72:                     addedFileCount++;
73:                 }
74:             }
75:             MessageBox.Show(addedFileCount + " file/s successfully added to
the list", AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
76:         }
77:     }
78: }
79:
80: /// <summary>
81: /// This function is used to set options of file dialog like
82: /// Filter, start path etc.
83: /// </summary>
84: /// <param name="dialogAddFile">File Dialog</param>
85: private static void InitializeFileDialog(OpenFileDialog dialogAddFile)
86: {
87:     dialogAddFile.Multiselect = true;
88:     dialogAddFile.Filter = "pdf files (*.pdf)|*.pdf";
89:     dialogAddFile.InitialDirectory = Application.StartupPath;
90:     dialogAddFile.Title = "Select PDF File/s";
91:     dialogAddFile.DefaultExt = "pdf";
92: }
93:
94: /// <summary>
95: /// This function is used to add PDF files in a folder which you choose in
96: /// Folder Dialog recursively
97: /// When you use it the added files will be seen in listbox
98: /// </summary>
99: /// <param name="sender">The sender info (For example Main Form)</param>
100: /// <param name="e">Event Arguments</param>
101: private void btnAddFolder_Click(object sender, EventArgs e)
102: {
103:     using (var dialogAddFolder = new FolderBrowserDialog())
104:     {
105:         var result = dialogAddFolder.ShowDialog();
106:         if (result == DialogResult.OK &&
!string.IsNullOrEmpty(dialogAddFolder.SelectedPath))
107:         {
108:             var fileNames = Directory.GetFiles(dialogAddFolder.SelectedPath,
"*.pdf", SearchOption.AllDirectories);
109:             var addedFileCount = 0;
110:             foreach (var file in fileNames)
111:             {
112:                 if (!lbFiles.Items.Contains(file))
113:                 {
114:                     lbFiles.Items.Add(file);
115:                     addedFileCount++;
116:                 }
117:             }
118:             MessageBox.Show(addedFileCount + " file/s successfully added to
the list", AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
119:         }
120:     }
121: }
122:
123: #endregion
124:
125: #region Combine PDF Methods
126:
127: /// <summary>
128: /// This function is used to take list of PDF files in listbox,
129: /// Combine them with a single file in location which you choose in folder
dialog

```

```

130:         /// And you can see the progress in progress bar
131:         /// It uses PdfSharp Nuget Package
132:         /// </summary>
133:         /// <param name="sender">The sender info (For example Main Form)</param>
134:         /// <param name="e">Event Arguments</param>
135:         private void btnCombinePdfSharp_Click(object sender, EventArgs e)
136:         {
137:             try
138:             {
139:                 if (lbFiles.Items.Count < 2)
140:                     MessageBox.Show("There must be at least 2 PDF files to combine",
AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Error);
141:                 else
142:                 {
143:                     using (var dialogExport = new FolderBrowserDialog())
144:                     {
145:                         var result = dialogExport.ShowDialog();
146:                         if (result == DialogResult.OK &&
!string.IsNullOrEmpty(dialogExport.SelectedPath))
147:                         {
148:                             var outputFileName = dialogExport.SelectedPath + "/" +
Guid.NewGuid() + ".pdf";
149:                             using (var outputFile = new PdfDocument())
150:                             {
151:                                 outputFile.Options.CompressContentStreams = true;
152:                                 outputFile.Options.EnableCcittCompressionForBilevelImages = true;
153:                                 outputFile.Options.FlateEncodeMode =
PdfFlateEncodeMode.BestCompression;
154:                                 var fileCount = lbFiles.Items.Count;
155:                                 var combinedFiles = 0;
156:
157:                                 for (int i = 0; i < lbFiles.Items.Count; i++)
158:                                 {
159:                                     try
160:                                     {
161:                                         var inputDocument =
PdfReader.Open(lbFiles.Items[i].ToString(), PdfDocumentOpenMode.Import);
162:                                         var count = inputDocument.PageCount;
163:                                         for (int idx = 0; idx < count; idx++)
164:                                         {
165:                                             var page = inputDocument.Pages[idx];
166:                                             outputFile.AddPage(page);
167:                                         }
168:                                         inputDocument.Close();
169:                                         combinedFiles++;
170:                                     }
171:                                     catch (Exception)
172:                                     {
173:                                         fileCount--;
174:                                     }
175:
176:                                     pbFiles.Value = (combinedFiles * 100 / fileCount);
177:                                     if (pbFiles.Value > pbFiles.Maximum)
178:                                         pbFiles.Value = pbFiles.Maximum;
179:                                     ActiveForm.Text = "%" + pbFiles.Value;
180:                                 }
181:                                 outputFile.Save(outputFileName);
182:                                 outputFile.Close();
183:
184:                                 MessageBox.Show(fileCount + " PDF files successfully
combined in " + outputFileName, AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
185:                             }
186:
187:                             pbFiles.Value = pbFiles.Minimum;
188:                             ActiveForm.Text = AppTitle;
189:                         }
190:                     }
191:                 }

```



```

192:         }
193:         catch (Exception ex)
194:         {
195:             MessageBox.Show("There is an error while combining PDF files in list.
Details: " + ex.GetAllMessages(), AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Error);
196:             pbFiles.Value = pbFiles.Minimum;
197:             ActiveForm.Text = AppTitle;
198:         }
199:     }
200:
201:     /// <summary>
202:     /// This function is used to take list of PDF files in listbox,
203:     /// Combine them with a single file in location which you choose in folder
dialog
204:     /// And you can see the progress in progress bar
205:     /// It uses iTextSharp Nuget Package
206:     /// </summary>
207:     /// <param name="sender">The sender info (For example Main Form)</param>
208:     /// <param name="e">Event Arguments</param>
209:     private void btnCombineITextSharp_Click(object sender, EventArgs e)
210:     {
211:         try
212:         {
213:             if (lbFiles.Items.Count < 2)
214:                 MessageBox.Show("There must be at least 2 PDF files to combine",
AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Error);
215:             else
216:             {
217:                 using (var dialogExport = new FolderBrowserDialog())
218:                 {
219:                     var result = dialogExport.ShowDialog();
220:                     if (result == DialogResult.OK &&
!string.IsNullOrEmpty(dialogExport.SelectedPath))
221:                     {
222:                         var outputFileName = dialogExport.SelectedPath + "/" +
Guid.NewGuid() + ".pdf";
223:                         var fileCount = lbFiles.Items.Count;
224:                         var combinedFiles = 0;
225:
226:                         var outputFile = new Document();
227:                         using (FileStream outputStream = new
FileStream(outputFileName, FileMode.Create))
228:                         {
229:                             using (var pdfWriter = new
iTextSharp.text.pdf.PdfCopy(outputFile, outputStream))
230:                             {
231:                                 if (pdfWriter == null)
232:                                 {
233:                                     return;
234:                                 }
235:                                 pdfWriter.SetFullCompression();
236:                                 outputFile.Open();
237:                                 for (int i = 0; i < lbFiles.Items.Count; i++)
238:                                 {
239:                                     try
240:                                     {
241:                                         var pdfReader = new
iTextSharp.text.pdf.PdfReader(lbFiles.Items[i].ToString());
242:                                         pdfReader.ConsolidateNamedDestinations();
243:                                         for (int j = 1; j <=
pdfReader.NumberOfPages; j++)
244:                                         {
245:                                             var page =
pdfWriter.GetImportedPage(pdfReader, j);
246:                                             pdfWriter.AddPage(page);
247:                                         }
248:                                         pdfReader.Close();
249:                                         combinedFiles++;
250:                                     }

```

```

251:                                     catch (Exception)
252:                                     {
253:                                         fileCount--;
254:                                     }
255:
256:                                     pbFiles.Value = (combinedFiles * 100 /
fileCount);
257:                                     if (pbFiles.Value > pbFiles.Maximum)
258:                                         pbFiles.Value = pbFiles.Maximum;
259:                                     ActiveForm.Text = "%" + pbFiles.Value;
260:                                 }
261:                                 pdfWriter.Close();
262:                             }
263:                             outputFile.Close();
264:                         }
265:
266:                         MessageBox.Show(fileCount + " PDF files successfully
combined in " + outputFileName, AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
267:
268:                         pbFiles.Value = pbFiles.Minimum;
269:                         ActiveForm.Text = AppTitle;
270:                     }
271:                 }
272:             }
273:         }
274:         catch (Exception ex)
275:         {
276:             MessageBox.Show("There is an error while combining PDF files in list.
Details: " + ex.GetAllMessages(), AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Error);
277:             pbFiles.Value = pbFiles.Minimum;
278:             ActiveForm.Text = AppTitle;
279:         }
280:     }
281:
282:     #endregion
283:
284:     #region Delete Item Methods
285:
286:     /// <summary>
287:     /// This function is used to delete files in listbox which are chosen
288:     /// If you press the Delete button in your keyboard
289:     /// The selected files will be deleted from the list
290:     /// </summary>
291:     /// <param name="sender">The sender info (For example Main Form)</param>
292:     /// <param name="e">Event Arguments</param>
293:     private void lbFiles_KeyDown(object sender, KeyEventArgs e)
294:     {
295:         if (e.KeyValue == Keys.Delete.GetHashCode())
296:             DeleteFilesFromListBox();
297:     }
298:
299:     /// <summary>
300:     /// This is used to delete selected items in listbox
301:     /// When menu item Delete is clicked and opened dialog
302:     /// </summary>
303:     /// <param name="sender">The sender info (For example Main Form)</param>
304:     /// <param name="e">Event Arguments</param>
305:     private void menuItemDelete_Click(object sender, EventArgs e)
306:     {
307:         if (lbFiles.Items.Count > 0)
308:         {
309:             if (lbFiles.SelectedItems.Count > 0)
310:             {
311:                 var deleteDialog = new DialogResult();
312:                 deleteDialog = MessageBox.Show("You are about to delete " +
lbFiles.SelectedItems.Count + " files in listbox. Are you sure?", AppTitle,
MessageBoxButtons.YesNo, MessageBoxIcon.Warning);
313:                 if (deleteDialog == DialogResult.Yes)
314:                     DeleteFilesFromListBox();

```

```

315:         }
316:         else
317:             MessageBox.Show("There is no selected files in list.", AppTitle,
318:                 MessageBoxButtons.OK, MessageBoxIcon.Error);
319:         else
320:             MessageBox.Show("There is no files in list.", AppTitle,
321:                 MessageBoxButtons.OK, MessageBoxIcon.Error);
322:     }
323:     /// <summary>
324:     /// This method is used to Delete selected files from ListBox
325:     /// This is used different ways in this app
326:     /// So we created this as a method
327:     /// </summary>
328:     private void DeleteFilesFromListBox()
329:     {
330:         var allItems = new List<string>();
331:         var removedItems = new List<string>();
332:         var fileCount = lbFiles.SelectedItems.Count;
333:         for (int i = 0; i < lbFiles.SelectedItems.Count; i++)
334:         {
335:             removedItems.Add(lbFiles.SelectedItems[i].ToString());
336:         }
337:         foreach (var item in lbFiles.Items)
338:         {
339:             if (!removedItems.Any(j => j == item.ToString()))
340:                 allItems.Add(item.ToString());
341:         }
342:         lbFiles.Items.Clear();
343:         foreach (var item in allItems)
344:         {
345:             lbFiles.Items.Add(item);
346:         }
347:         MessageBox.Show(fileCount + " file/s are deleted from the list.",
348:             AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
349:     }
350:     /// <summary>
351:     /// This function is used to clear the file list in listbox
352:     /// </summary>
353:     /// <param name="sender">The sender info (For example Main Form)</param>
354:     /// <param name="e">Event Arguments</param>
355:     private void btnClearList_Click(object sender, EventArgs e)
356:     {
357:         var fileCount = lbFiles.Items.Count;
358:         lbFiles.Items.Clear();
359:         MessageBox.Show(fileCount + " file/s successfully deleted from the list",
360:             AppTitle, MessageBoxButtons.OK, MessageBoxIcon.Information);
361:     }
362:     #endregion
363:
364:     #region Order Item Methods
365:
366:     /// <summary>
367:     /// This method is used to order elements in listbox ascending by full path
368:     /// </summary>
369:     /// <param name="sender">The sender info (For example Main Form)</param>
370:     /// <param name="e">Event Arguments</param>
371:     private void menuItemOrderByPathAscending_Click(object sender, EventArgs e)
372:     {
373:         if (lbFiles.Items.Count > 0)
374:             lbFiles = SortItemsByPath(lbFiles, true);
375:         else
376:             MessageBox.Show("There is no files in list.", AppTitle,
377:                 MessageBoxButtons.OK, MessageBoxIcon.Error);
378:     }

```

```

379:         /// <summary>
380:         /// This method is used to order elements in listbox descending by full path
381:         /// </summary>
382:         /// <param name="sender">The sender info (For example Main Form)</param>
383:         /// <param name="e">Event Arguments</param>
384:         private void menuItemOrderByPathDescending_Click(object sender, EventArgs e)
385:         {
386:             if (lbFiles.Items.Count > 0)
387:                 lbFiles = SortItemsByPath(lbFiles, false);
388:             else
389:                 MessageBox.Show("There is no files in list.", AppTitle,
390:                 MessageBoxButtons.OK, MessageBoxIcon.Error);
391:         }
392:         /// <summary>
393:         /// This method is used to order elements in listbox ascending by file name
394:         /// </summary>
395:         /// <param name="sender">The sender info (For example Main Form)</param>
396:         /// <param name="e">Event Arguments</param>
397:         private void menuItemOrderByNameAscending_Click(object sender, EventArgs e)
398:         {
399:             if (lbFiles.Items.Count > 0)
400:                 lbFiles = SortItemsByName(lbFiles, true);
401:             else
402:                 MessageBox.Show("There is no files in list.", AppTitle,
403:                 MessageBoxButtons.OK, MessageBoxIcon.Error);
404:         }
405:         /// <summary>
406:         /// This method is used to order elements in listbox descending by file name
407:         /// </summary>
408:         /// <param name="sender">The sender info (For example Main Form)</param>
409:         /// <param name="e">Event Arguments</param>
410:         private void menuItemOrderByNameDescending_Click(object sender, EventArgs e)
411:         {
412:             if (lbFiles.Items.Count > 0)
413:                 lbFiles = SortItemsByName(lbFiles, false);
414:             else
415:                 MessageBox.Show("There is no files in list.", AppTitle,
416:                 MessageBoxButtons.OK, MessageBoxIcon.Error);
417:         }
418:         /// <summary>
419:         /// This method is used to order items by full path in listbox
420:         /// And return them with the given order as parametre
421:         /// </summary>
422:         /// <param name="listBox">ListBox Info</param>
423:         /// <param name="ascending">Order Type is Ascending Or Not</param>
424:         private static ListBox SortItemsByPath(ListBox listBox, bool ascending)
425:         {
426:             List<object> items;
427:             items = listBox.Items.OfType<object>().ToList();
428:             listBox.Items.Clear();
429:             if (ascending)
430:                 listBox.Items.AddRange(items.OrderBy(i => i).ToArray());
431:             else
432:                 listBox.Items.AddRange(items.OrderByDescending(i => i).ToArray());
433:             return listBox;
434:         }
435:         /// <summary>
436:         /// This method is used to order items by file name in listbox
437:         /// And return them with the given order as parametre
438:         /// </summary>
439:         /// <param name="listBox">ListBox Info</param>
440:         /// <param name="ascending">Order Type is Ascending Or Not</param>
441:         private static ListBox SortItemsByName(ListBox listBox, bool ascending)
442:         {
443:             var fileNameList = new List<string>();

```

```

445:         List<object> items;
446:         items = listBox.Items.OfType<object>().ToList();
447:         const char c = '\u005c';
448:         foreach (var item in items)
449:         {
450:             var fullPath = item.ToString();
451:             var list = fullPath.Split(c).ToList();
452:             if (list.Count > 0)
453:                 fileNameList.Add(list[list.Count - 1]);
454:         }
455:
456:         if (ascending)
457:             fileNameList = fileNameList.OrderBy(j => j).ToList();
458:         else
459:             fileNameList = fileNameList.OrderByDescending(j => j).ToList();
460:
461:         listBox.Items.Clear();
462:         foreach (var item in fileNameList)
463:             listBox.Items.Add(items.First(j => j.ToString().EndsWith(item)));
464:
465:         return listBox;
466:     }
467:
468: #endregion
469:
470: #region Drag Drop Item For Order Methods
471:
472:     /// <summary>
473:     /// This is used to control mouse actions and if that is not right click
474:     /// Start to drag and drop item in listbox
475:     /// </summary>
476:     /// <param name="sender">The sender info (For example Main Form)</param>
477:     /// <param name="e">Event Arguments</param>
478:     private void lbFiles_MouseDown(object sender, MouseEventArgs e)
479:     {
480:         if (!e.Button.Equals(MouseButtons.Right))
481:         {
482:             if (lbFiles.SelectedItem == null) return;
483:             lbFiles.DoDragDrop(lbFiles.SelectedItem, DragDropEffects.Move);
484:         }
485:     }
486:
487:     /// <summary>
488:     /// This is used to give effect while dragging and dropping an item in listbox
489:     /// </summary>
490:     /// <param name="sender">The sender info (For example Main Form)</param>
491:     /// <param name="e">Event Arguments</param>
492:     private void lbFiles_DragOver(object sender, DragEventArgs e)
493:     {
494:         e.Effect = DragDropEffects.Move;
495:     }
496:
497:     /// <summary>
498:     /// This is used to drag and drop an item in listbox
499:     /// Which is used to order books and combine them with that order
500:     /// </summary>
501:     /// <param name="sender">The sender info (For example Main Form)</param>
502:     /// <param name="e">Event Arguments</param>
503:     private void lbFiles_DragDrop(object sender, DragEventArgs e)
504:     {
505:         var point = lbFiles.PointToClient(new Point(e.X, e.Y));
506:         var index = this.lbFiles.IndexFromPoint(point);
507:         if (index < 0) index = this.lbFiles.Items.Count - 1;
508:         // type of string because file names stored in string in listbox
509:         var data = e.Data.GetData(typeof(string));
510:         this.lbFiles.Items.Remove(data);
511:         this.lbFiles.Items.Insert(index, data);
512:     }
513: #endregion

```

```

514:
515:     }
516: }

```

Namespaces

Name	Description
PdfCombiner (🔗 see page 1)	This is namespace PdfCombiner.

1.2.5 FrmMain.Designer.cs

This is file FrmMain.Designer.cs.

Body Source

```

1: ?namespace PdfCombiner
2: {
3:     partial class FrmMain
4:     {
5:         /// <summary>
6:         /// Required designer variable.
7:         /// </summary>
8:         private System.ComponentModel.IContainer components;
9:
10:        /// <summary>
11:        /// Clean up any resources being used.
12:        /// </summary>
13:        /// <param name="disposing">true if managed resources should be disposed;
otherwise, false.</param>
14:        protected override void Dispose(bool disposing)
15:        {
16:            if (disposing && (components != null))
17:            {
18:                components.Dispose();
19:            }
20:            base.Dispose(disposing);
21:        }
22:
23:        #region Windows Form Designer generated code
24:
25:        /// <summary>
26:        /// Required method for Designer support - do not modify
27:        /// the contents of this method with the code editor.
28:        /// </summary>
29:        private void InitializeComponent()
30:        {
31:            this.components = new System.ComponentModel.Container();
32:            System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(FrmMain));
33:            this.btnCombinePdfSharp = new System.Windows.Forms.Button();
34:            this.btnAddFolder = new System.Windows.Forms.Button();
35:            this.btnAddFile = new System.Windows.Forms.Button();
36:            this.btnClearList = new System.Windows.Forms.Button();
37:            this.lbFiles = new System.Windows.Forms.ListBox();
38:            this.lblDetails = new System.Windows.Forms.Label();
39:            this.pbFiles = new System.Windows.Forms.ProgressBar();
40:            this.btnCombineITextSharp = new System.Windows.Forms.Button();
41:            this.menuStrip = new
System.Windows.Forms.ContextMenuStrip(this.components);
42:            this.menuItemDelete = new System.Windows.Forms.ToolStripMenuItem();
43:            this.menuItemOrderByPathAscending = new
System.Windows.Forms.ToolStripMenuItem();
44:            this.menuItemOrderByPathDescending = new
System.Windows.Forms.ToolStripMenuItem();
45:            this.menuItemOrderByNameAscending = new

```

```

System.Windows.Forms.ToolStripItem();
46:         this.menuItemOrderByNameDescending = new
System.Windows.Forms.ToolStripItem();
47:         this.menuStrip.SuspendLayout();
48:         this.SuspendLayout();
49:         //
50:         // btnCombinePdfSharp
51:         //
52:         this.btnCombinePdfSharp.Image =
((System.Drawing.Image)(resources.GetObject("btnCombinePdfSharp.Image")));
53:         this.btnCombinePdfSharp.ImageAlign =
System.Drawing.ContentAlignment.MiddleLeft;
54:         this.btnCombinePdfSharp.Location = new System.Drawing.Point(442, 5);
55:         this.btnCombinePdfSharp.Name = "btnCombinePdfSharp";
56:         this.btnCombinePdfSharp.Size = new System.Drawing.Size(214, 37);
57:         this.btnCombinePdfSharp.TabIndex = 0;
58:         this.btnCombinePdfSharp.Text = "Combine Files (PdfSharp)";
59:         this.btnCombinePdfSharp.TextAlign =
System.Drawing.ContentAlignment.MiddleRight;
60:         this.btnCombinePdfSharp.UseVisualStyleBackColor = true;
61:         this.btnCombinePdfSharp.Click += new
System.EventHandler(this.btnCombinePdfSharp_Click);
62:         //
63:         // btnAddFolder
64:         //
65:         this.btnAddFolder.Image =
((System.Drawing.Image)(resources.GetObject("btnAddFolder.Image")));
66:         this.btnAddFolder.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
67:         this.btnAddFolder.Location = new System.Drawing.Point(12, 45);
68:         this.btnAddFolder.Name = "btnAddFolder";
69:         this.btnAddFolder.Size = new System.Drawing.Size(105, 37);
70:         this.btnAddFolder.TabIndex = 2;
71:         this.btnAddFolder.Text = "Add Folder";
72:         this.btnAddFolder.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
73:         this.btnAddFolder.UseVisualStyleBackColor = true;
74:         this.btnAddFolder.Click += new
System.EventHandler(this.btnAddFolder_Click);
75:         //
76:         // btnAddFile
77:         //
78:         this.btnAddFile.Image =
((System.Drawing.Image)(resources.GetObject("btnAddFile.Image")));
79:         this.btnAddFile.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
80:         this.btnAddFile.Location = new System.Drawing.Point(12, 5);
81:         this.btnAddFile.Name = "btnAddFile";
82:         this.btnAddFile.Size = new System.Drawing.Size(105, 37);
83:         this.btnAddFile.TabIndex = 3;
84:         this.btnAddFile.Text = "Add Files";
85:         this.btnAddFile.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
86:         this.btnAddFile.UseVisualStyleBackColor = true;
87:         this.btnAddFile.Click += new System.EventHandler(this.btnAddFile_Click);
88:         //
89:         // btnClearList
90:         //
91:         this.btnClearList.Image =
((System.Drawing.Image)(resources.GetObject("btnClearList.Image")));
92:         this.btnClearList.ImageAlign = System.Drawing.ContentAlignment.MiddleLeft;
93:         this.btnClearList.Location = new System.Drawing.Point(123, 5);
94:         this.btnClearList.Name = "btnClearList";
95:         this.btnClearList.Size = new System.Drawing.Size(105, 37);
96:         this.btnClearList.TabIndex = 4;
97:         this.btnClearList.Text = "Clear File List";
98:         this.btnClearList.TextAlign = System.Drawing.ContentAlignment.MiddleRight;
99:         this.btnClearList.UseVisualStyleBackColor = true;
100:        this.btnClearList.Click += new
System.EventHandler(this.btnClearList_Click);
101:        //
102:        // lbFiles
103:        //

```



```

104:         this.lbFiles.AllowDrop = true;
105:         this.lbFiles.FormattingEnabled = true;
106:         this.lbFiles.Location = new System.Drawing.Point(12, 88);
107:         this.lbFiles.Name = "lbFiles";
108:         this.lbFiles.SelectionMode =
System.Windows.Forms.SelectionMode.MultiExtended;
109:         this.lbFiles.Size = new System.Drawing.Size(644, 186);
110:         this.lbFiles.TabIndex = 5;
111:         this.lbFiles.DragDrop += new
System.Windows.Forms.DragEventHandler(this.lbFiles_DragDrop);
112:         this.lbFiles.DragOver += new
System.Windows.Forms.DragEventHandler(this.lbFiles_DragOver);
113:         this.lbFiles.KeyDown += new
System.Windows.Forms.KeyEventHandler(this.lbFiles_KeyDown);
114:         this.lbFiles.MouseDown += new
System.Windows.Forms.MouseEventHandler(this.lbFiles_MouseDown);
115:         //
116:         // lblDetails
117:         //
118:         this.lblDetails.AutoSize = true;
119:         this.lblDetails.Location = new System.Drawing.Point(12, 65);
120:         this.lblDetails.Name = "lblDetails";
121:         this.lblDetails.Size = new System.Drawing.Size(0, 13);
122:         this.lblDetails.TabIndex = 6;
123:         //
124:         // pbFiles
125:         //
126:         this.pbFiles.Location = new System.Drawing.Point(123, 45);
127:         this.pbFiles.Name = "pbFiles";
128:         this.pbFiles.Size = new System.Drawing.Size(313, 37);
129:         this.pbFiles.TabIndex = 7;
130:         //
131:         // btnCombineITextSharp
132:         //
133:         this.btnCombineITextSharp.Image =
((System.Drawing.Image)(resources.GetObject("btnCombineITextSharp.Image")));
134:         this.btnCombineITextSharp.ImageAlign =
System.Drawing.ContentAlignment.MiddleLeft;
135:         this.btnCombineITextSharp.Location = new System.Drawing.Point(442, 45);
136:         this.btnCombineITextSharp.Name = "btnCombineITextSharp";
137:         this.btnCombineITextSharp.Size = new System.Drawing.Size(214, 37);
138:         this.btnCombineITextSharp.TabIndex = 9;
139:         this.btnCombineITextSharp.Text = "Combine Files (iTextSharp)";
140:         this.btnCombineITextSharp.TextAlign =
System.Drawing.ContentAlignment.MiddleRight;
141:         this.btnCombineITextSharp.UseVisualStyleBackColor = true;
142:         this.btnCombineITextSharp.Click += new
System.EventHandler(this.btnCombineITextSharp_Click);
143:         //
144:         // menuStrip
145:         //
146:         this.menuStrip.Items.AddRange(new System.Windows.Forms.ToolStripItem[] {
147:             this.menuItemDelete,
148:             this.menuItemOrderByPathAscending,
149:             this.menuItemOrderByPathDescending,
150:             this.menuItemOrderByNameAscending,
151:             this.menuItemOrderByNameDescending});
152:         this.menuStrip.Name = "menuStrip";
153:         this.menuStrip.Size = new System.Drawing.Size(229, 114);
154:         //
155:         // menuItemDelete
156:         //
157:         this.menuItemDelete.Image =
((System.Drawing.Image)(resources.GetObject("menuItemDelete.Image")));
158:         this.menuItemDelete.Name = "menuItemDelete";
159:         this.menuItemDelete.Size = new System.Drawing.Size(228, 22);
160:         this.menuItemDelete.Text = "Delete";
161:         this.menuItemDelete.Click += new
System.EventHandler(this.menuItemDelete_Click);

```



```

162:         //
163:         // menuItemOrderByPathAscending
164:         //
165:         this.menuItemOrderByPathAscending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByPathAscending.Image")));
166:         this.menuItemOrderByPathAscending.Name = "menuItemOrderByPathAscending";
167:         this.menuItemOrderByPathAscending.Size = new System.Drawing.Size(228, 22);
168:         this.menuItemOrderByPathAscending.Text = "Order By Path (Ascending)";
169:         this.menuItemOrderByPathAscending.Click += new
System.EventHandler(this.menuItemOrderByPathAscending_Click);
170:         //
171:         // menuItemOrderByPathDescending
172:         //
173:         this.menuItemOrderByPathDescending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByPathDescending.Image")));
174:         this.menuItemOrderByPathDescending.Name = "menuItemOrderByPathDescending";
175:         this.menuItemOrderByPathDescending.Size = new System.Drawing.Size(228, 22);
176:         this.menuItemOrderByPathDescending.Text = "Order By Path (Descending)";
177:         this.menuItemOrderByPathDescending.Click += new
System.EventHandler(this.menuItemOrderByPathDescending_Click);
178:         //
179:         // menuItemOrderByNameAscending
180:         //
181:         this.menuItemOrderByNameAscending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByNameAscending.Image")));
182:         this.menuItemOrderByNameAscending.Name = "menuItemOrderByNameAscending";
183:         this.menuItemOrderByNameAscending.Size = new System.Drawing.Size(228, 22);
184:         this.menuItemOrderByNameAscending.Text = "Order By Name (Ascending)";
185:         this.menuItemOrderByNameAscending.Click += new
System.EventHandler(this.menuItemOrderByNameAscending_Click);
186:         //
187:         // menuItemOrderByNameDescending
188:         //
189:         this.menuItemOrderByNameDescending.Image =
((System.Drawing.Image)(resources.GetObject("menuItemOrderByNameDescending.Image")));
190:         this.menuItemOrderByNameDescending.Name = "menuItemOrderByNameDescending";
191:         this.menuItemOrderByNameDescending.Size = new System.Drawing.Size(228, 22);
192:         this.menuItemOrderByNameDescending.Text = "Order By Name (Descending)";
193:         this.menuItemOrderByNameDescending.Click += new
System.EventHandler(this.menuItemOrderByNameDescending_Click);
194:         //
195:         // FrmMain
196:         //
197:         this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
198:         this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
199:         this.ClientSize = new System.Drawing.Size(668, 287);
200:         this.Controls.Add(this.btnCombineITextSharp);
201:         this.Controls.Add(this.pbFiles);
202:         this.Controls.Add(this.lblDetails);
203:         this.Controls.Add(this.lbFiles);
204:         this.Controls.Add(this.btnClearList);
205:         this.Controls.Add(this.btnAddFile);
206:         this.Controls.Add(this.btnAddFolder);
207:         this.Controls.Add(this.btnCombinePdfSharp);
208:         this.Name = "FrmMain";
209:         this.StartPosition = System.Windows.Forms.FormStartPosition.CenterScreen;
210:         this.Text = "PDF Combiner";
211:         this.FormClosed += new
System.Windows.Forms.FormClosedEventHandler(this.FrmMain_FormClosed);
212:         this.Shown += new System.EventHandler(this.FrmMain_Shown);
213:         this.menuStrip.ResumeLayout(false);
214:         this.ResumeLayout(false);
215:         this.PerformLayout();
216:
217:     }
218:
219:     #endregion
220:
221:     private System.Windows.Forms.Button btnCombinePdfSharp;

```

```
222:         private System.Windows.Forms.Button btnAddFolder;
223:         private System.Windows.Forms.Button btnAddFile;
224:         private System.Windows.Forms.Button btnClearList;
225:         private System.Windows.Forms.ListBox lbFiles;
226:         private System.Windows.Forms.Label lblDetails;
227:         private System.Windows.Forms.ProgressBar pbFiles;
228:         private System.Windows.Forms.Button btnCombineITextSharp;
229:         private System.Windows.Forms.ContextMenuStrip menuStrip;
230:         private System.Windows.Forms.ToolStripMenuItem menuItemDelete;
231:         private System.Windows.Forms.ToolStripMenuItem menuItemOrderByPathAscending;
232:         private System.Windows.Forms.ToolStripMenuItem menuItemOrderByPathDescending;
233:         private System.Windows.Forms.ToolStripMenuItem menuItemOrderByNameAscending;
234:         private System.Windows.Forms.ToolStripMenuItem menuItemOrderByNameDescending;
235:     }
236: }
237:
```

Namespaces

Name	Description
PdfCombiner (see page 1)	This is namespace PdfCombiner.

1.2.6 PdfCombiner.csproj

This is file PdfCombiner.csproj.

1.2.7 PdfCombiner.sln

This is file PdfCombiner.sln.

1.2.8 Program.cs

This is file Program.cs.

Body Source

```
1: ?using System;
2: using System.Collections.Generic;
3: using System.Linq;
4: using System.Windows.Forms;
5:
6: namespace PdfCombiner
7: {
8:     static class Program
9:     {
10:         /// <summary>
11:         /// The main entry point for the application.
12:         /// </summary>
13:         [STAThread]
14:         static void Main()
15:         {
16:             Application.EnableVisualStyles();
17:             Application.SetCompatibleTextRenderingDefault(false);
18:             Application.Run(new FrmMain());
19:         }
20:     }
```

```
21: }
```

Namespaces

Name	Description
PdfCombiner (see page 1)	This is namespace PdfCombiner.

1.2.9 Resources.Designer.cs

This code was generated by a tool. Runtime Version:4.0.30319.42000

Changes to this file may cause incorrect behavior and will be lost if the code is regenerated.

Body Source

```
1: ?//-----
2: // <auto-generated>
3: //     This code was generated by a tool.
4: //     Runtime Version:4.0.30319.42000
5: //
6: //     Changes to this file may cause incorrect behavior and will be lost if
7: //     the code is regenerated.
8: // </auto-generated>
9: //-----
10:
11: namespace PdfCombiner.Properties {
12:     using System;
13:
14:
15:     /// <summary>
16:     ///     A strongly-typed resource class, for looking up localized strings, etc.
17:     /// </summary>
18:     // This class was auto-generated by the StronglyTypedResourceBuilder
19:     // class via a tool like ResGen or Visual Studio.
20:     // To add or remove a member, edit your .ResX file then rerun ResGen
21:     // with the /str option, or rebuild your VS project.
22:
23: [global::System.CodeDom.Compiler.GeneratedCodeAttribute("System.Resources.Tools.StronglyTypedResourceBuilder",
24: "15.0.0.0")]
25:     [global::System.Diagnostics.DebuggerNonUserCodeAttribute()]
26:     [global::System.Runtime.CompilerServices.CompilerGeneratedAttribute()]
27:     internal class Resources {
28:
29:         private static global::System.Resources.ResourceManager resourceMan;
30:
31:         private static global::System.Globalization.CultureInfo resourceCulture;
32:
33: [global::System.Diagnostics.CodeAnalysis.SuppressMessageAttribute("Microsoft.Performance",
34: "CA1811:AvoidUncalledPrivateCode")]
35:         internal Resources() {
36:
37:         }
38:
39:         /// <summary>
40:         ///     Returns the cached ResourceManager instance used by this class.
41:         /// </summary>
42:
43: [global::System.ComponentModel.EditorBrowsableAttribute(global::System.ComponentModel.EditorBrowsableState.Advanced)]
44:         internal static global::System.Resources.ResourceManager ResourceManager {
45:             get {
46:                 if (object.ReferenceEquals(resourceMan, null)) {
47:                     global::System.Resources.ResourceManager temp = new
48: global::System.Resources.ResourceManager("PdfCombiner.Properties.Resources",
```

```
typeof(Resources).Assembly);
43:         resourceMan = temp;
44:     }
45:     return resourceMan;
46: }
47: }
48:
49:     /// <summary>
50:     ///     Overrides the current thread's CurrentUICulture property for all
51:     ///     resource lookups using this strongly typed resource class.
52:     /// </summary>
53:
54: [global::System.ComponentModel.EditorBrowsableAttribute(global::System.ComponentModel.EditorBrowsableState.Advanced)]
55:     internal static global::System.Globalization.CultureInfo Culture {
56:         get {
57:             return resourceCulture;
58:         }
59:         set {
60:             resourceCulture = value;
61:         }
62:     }
63: }
```

Namespaces

Name	Description
PdfCombiner (see page 1)	This is namespace PdfCombiner.

1.2.10 Settings.Designer.cs

This code was generated by a tool. Runtime Version:4.0.30319.42000

Changes to this file may cause incorrect behavior and will be lost if the code is regenerated.

Body Source

```
1: ?//-----
2: // <auto-generated>
3: //     This code was generated by a tool.
4: //     Runtime Version:4.0.30319.42000
5: //
6: //     Changes to this file may cause incorrect behavior and will be lost if
7: //     the code is regenerated.
8: // </auto-generated>
9: //-----
10:
11: namespace PdfCombiner.Properties
12: {
13:
14:     [global::System.Runtime.CompilerServices.CompilerGeneratedAttribute()]
15:
16: [global::System.CodeDom.Compiler.GeneratedCodeAttribute("Microsoft.VisualStudio.Editors.SettingsDesigner.SettingsSingleFileGenerator",
17: "11.0.0.0")]
18:     internal sealed partial class Settings :
19: global::System.Configuration.ApplicationSettingsBase
20:     {
21:
22:         private static Settings defaultInstance =
23: ((Settings)(global::System.Configuration.ApplicationSettingsBase.Synchronized(new
24: Settings())));
25:     }
26: }
```

Namespaces

Name	Description
PdfCombiner (see page 1)	This is namespace PdfCombiner.

Index

A

AssemblyInfo.cs 26

B

BaseException class 4

about BaseException class 4

BaseException 4, 5

BaseException.cs 26

E

ExceptionExtensions class 5

about ExceptionExtensions class 5

GetAllMessages 5

ExceptionExtensions.cs 27

F

Files 25

FrmMain class 6

about FrmMain class 6

AppTitle 8

btnAddFile 8

btnAddFile_Click 10

btnAddFolder 8

btnAddFolder_Click 11

btnClearList 8

btnClearList_Click 12

btnCombineITextSharp 9

btnCombineITextSharp_Click 12

btnCombinePdfSharp 9

btnCombinePdfSharp_Click 13

components 9

DeleteFilesFromListBox 15

Dispose 15

FrmMain 8

FrmMain_FormClosed 16

FrmMain_Shown 16

InitializeComponent 16

InitializeFileDialog 19

IbFiles 9

IbFiles_DragDrop 20

IbFiles_DragOver 20

IbFiles_KeyDown 21

IbFiles_MouseDown 21

IbIDetails 9

menuItemDelete 9

menuItemDelete_Click 21

menuItemOrderByNameAscending 9

menuItemOrderByNameAscending_Click 22

menuItemOrderByNameDescending 10

menuItemOrderByNameDescending_Click 22

menuItemOrderByPathAscending 10

menuItemOrderByPathAscending_Click 23

menuItemOrderByPathDescending 10

menuItemOrderByPathDescending_Click 23

menuStrip 10

pbFiles 10

SortItemsByName 23

SortItemsByPath 24

FrmMain.cs 27

FrmMain.Designer.cs 36

P

PdfCombiner 1

PdfCombiner namespace 1

Classes 4

PdfCombiner.BaseException 4

PdfCombiner.BaseException.BaseException 4, 5

PdfCombiner.csproj 40

PdfCombiner.ExceptionExtensions 5

PdfCombiner.ExceptionExtensions.GetAllMessages 5

PdfCombiner.FrmMain 6

PdfCombiner.FrmMain.AppTitle 8

PdfCombiner.FrmMain.btnAddFile 8

PdfCombiner.FrmMain.btnAddFile_Click 10

PdfCombiner.FrmMain.btnAddFolder 8

PdfCombiner.FrmMain.btnAddFolder_Click 11

PdfCombiner.FrmMain.btnClearList 8

PdfCombiner.FrmMain.btnClearList_Click 12	PdfCombiner.Properties 1
PdfCombiner.FrmMain.btnCombineITextSharp 9	PdfCombiner.Properties namespace 1
PdfCombiner.FrmMain.btnCombineITextSharp_Click 12	Classes 1
PdfCombiner.FrmMain.btnCombinePdfSharp 9	PdfCombiner.Properties.Resources 1
PdfCombiner.FrmMain.btnCombinePdfSharp_Click 13	PdfCombiner.Properties.Resources.Culture 3
PdfCombiner.FrmMain.components 9	PdfCombiner.Properties.Resources.resourceCulture 2
PdfCombiner.FrmMain.DeleteFilesFromListBox 15	PdfCombiner.Properties.Resources.resourceMan 3
PdfCombiner.FrmMain.Dispose 15	PdfCombiner.Properties.Resources.ResourceManager 3
PdfCombiner.FrmMain.FrmMain 8	PdfCombiner.Properties.Resources.Resources 2
PdfCombiner.FrmMain.FrmMain_FormClosed 16	PdfCombiner.Properties.Settings 3
PdfCombiner.FrmMain.FrmMain_Shown 16	PdfCombiner.Properties.Settings.defaultInstance 3
PdfCombiner.FrmMain.InitializeComponent 16	PdfCombiner.sln 40
PdfCombiner.FrmMain.InitializeFileDialog 19	Program class 24
PdfCombiner.FrmMain.lbFiles 9	about Program class 24
PdfCombiner.FrmMain.lbFiles_DragDrop 20	Main 25
PdfCombiner.FrmMain.lbFiles_DragOver 20	Program.cs 40
PdfCombiner.FrmMain.lbFiles_KeyDown 21	
PdfCombiner.FrmMain.lbFiles_MouseDown 21	R
PdfCombiner.FrmMain.lbiDetails 9	Resources class 1
PdfCombiner.FrmMain.menuItemDelete 9	about Resources class 1
PdfCombiner.FrmMain.menuItemDelete_Click 21	Culture 3
PdfCombiner.FrmMain.menuItemOrderByNameAscending 9	resourceCulture 2
PdfCombiner.FrmMain.menuItemOrderByNameAscending_Click 22	resourceMan 3
PdfCombiner.FrmMain.menuItemOrderByNameDescending 10	ResourceManager 3
PdfCombiner.FrmMain.menuItemOrderByNameDescending_Click 22	Resources 2
PdfCombiner.FrmMain.menuItemOrderByPathAscending 10	Resources.Designer.cs 41
PdfCombiner.FrmMain.menuItemOrderByPathAscending_Click 23	S
PdfCombiner.FrmMain.menuItemOrderByPathDescending 10	Settings class 3
PdfCombiner.FrmMain.menuItemOrderByPathDescending_Click 23	about Settings class 3
PdfCombiner.FrmMain.menuStrip 10	defaultInstance 3
PdfCombiner.FrmMain.pbFiles 10	Settings.Designer.cs 42
PdfCombiner.FrmMain.SortItemsByName 23	
PdfCombiner.FrmMain.SortItemsByPath 24	
PdfCombiner.Program 24	
PdfCombiner.Program.Main 25	