

```
using System;

using System.ComponentModel;

using System.IO;

using System.Windows.Forms;

using System.Linq;

using System.Text;

using System.Drawing.Text;

using Microsoft.Office.Interop.Excel;

using System.Diagnostics;

using static System.Net.Mime.MediaTypeNames;

using static System.Net.WebRequestMethods;

using System.Reflection;

using System.Drawing;

using static System.Windows.Forms.VisualStyles.VisualStyleElement;

using static System.Windows.Forms.VisualStyles.VisualStyleElement.ProgressBar;

using Syncfusion.XlsIO;

using GemBox.Document;

using GemBox.Spreadsheet;

using GemBox.Pdf;

using iText.Kernel.Pdf;

using iText.Kernel.Utls;
```

```
namespace Update_Report
```

```
{
```

```
    public partial class Form4 : Form
```

```
    {
```

```
        public Form4()
```

```
        {
```

```

InitializeComponent();

}

private void Form4_Load(object sender, EventArgs e)
{
    textBox1.Text = Form1.SetValueForText1;
    textBox2.Text = Form1.SetValueForText2;

    // Set license key to use GemBox.Document in Free mode.
    SpreadsheetInfo.SetLicense("FREE-LIMITED-KEY");

    // If using the Professional version, put your serial key below.
    GemBox.Pdf.ComponentInfo.SetLicense("FREE-LIMITED-KEY");

    var files1 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\01_MainPage", "*.xlsx");
    checkedListBox4.Items.AddRange(files1);

    var files2 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\02_Comments", "*.xlsx");
    checkedListBox1.Items.AddRange(files2);

    var files3 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\03_TestResults", "*.xlsx");
    checkedListBox2.Items.AddRange(files3);

    var files4 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\04_Propositons", "*.xlsx");
    checkedListBox3.Items.AddRange(files4);

}

private void Form4_FormClosing(object sender, FormClosingEventArgs e)

```

```

{

    System.Windows.Forms.Application.Exit();

}

private void button1_Click(object sender, EventArgs e)

{

    DialogResult result = MessageBox.Show("If you click OK all files except the final report will be deleted.\nPlease review your Report first.\n\nClick Cancel to get back.", "Notification", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

    if(result == DialogResult.OK)

    {

        Directory.Delete(@"C:\ProgramData\UpdateReports\01_MainPage", true);

        Directory.Delete(@"C:\ProgramData\UpdateReports\02_Comments", true);

        Directory.Delete(@"C:\ProgramData\UpdateReports\03_TestResults", true);

        Directory.Delete(@"C:\ProgramData\UpdateReports\04_Propositons", true);

        Directory.Delete(@"C:\ProgramData\UpdateReports\06_Templates", true);

        Directory.Delete(@"C:\ProgramData\UpdateReports\07_Single PDFs", true);

        System.Windows.Forms.Application.Exit();

    }

    else if (result == DialogResult.Cancel)

    {

        return;

    }

}

```

```
private void button3_Click(object sender, EventArgs e)
```

```
{  
  
    System.Windows.Forms.Cursor.Current = System.Windows.Forms.Cursors.WaitCursor;  
  
    toolStripProgressBar1.Visible = true;  
  
    toolStripStatusLabel1.Visible = true;  
  
    toolStripStatusLabel1.ForeColor = System.Drawing.Color.Orange;  
  
    toolStripStatusLabel1.Text = "In progress...";  
  
    try  
    {  
  
        var files5 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\07_Single PDFs", "*.pdf");  
  
        checkedListBox5.Items.AddRange(files5);  
  
  
        var sourceFileNames1 = checkedListBox1.CheckedItems.Cast<string>().ToArray();  
        var sourceFileNames2 = checkedListBox2.CheckedItems.Cast<String>().ToArray();  
        var sourceFileNames3 = checkedListBox3.CheckedItems.Cast<string>().ToArray();  
        var sourceFileNames4 = checkedListBox4.CheckedItems.Cast<String>().ToArray();  
        var sourceFileNames5 = checkedListBox5.Items.Cast<String>().ToArray();  
  
  
        toolStripProgressBar1.Value = 25;  
  
  
        if (checkedListBox4.CheckedItems.Count > 0)  
        {  
  
            var destinationFileName4 = @"C:\ProgramData\UpdateReports\07_Single PDFs" + "MainPage" + ".pdf";  
  
            PdfHelper.MergeFiles(sourceFileNames4, destinationFileName4);  
  
        }  
    }  
};
```

```

if (checkedListBox1.CheckedItems.Count > 0)
{
    var destinationFileName1 = @"C:\ProgramData\UpdateReports\07_Single PDFs" + "Comments" + ".pdf";

    PdfHelper.MergeFiles(sourceFileNames1, destinationFileName1);
}

toolStripProgressBar1.Value = 50;

if (checkedListBox2.CheckedItems.Count > 0)
{
    var destinationFileName2 = @"C:\ProgramData\UpdateReports\07_Single PDFs" + "TestCases" + ".pdf";

    PdfHelper.MergeFiles(sourceFileNames2, destinationFileName2);
}

if (checkedListBox3.CheckedItems.Count > 0)
{
    var destinationFileName3 = @"C:\ProgramData\UpdateReports\07_Single PDFs" + "Proposal" + ".pdf";

    PdfHelper.MergeFiles(sourceFileNames3, destinationFileName3);
}

toolStripProgressBar1.Value = 75;

var destinationFileName5 = @"C:\ProgramData\UpdateReports\05_FinalReport" + "SW Update Report" +
" - " + textBox1.Text + " - " + textBox2.Text + ".pdf";

PdfHelper.MergeFiles(sourceFileNames5, destinationFileName5);

button6.Visible = true;

```

```
toolStripProgressBar1.Value = 100;
```

```
toolStripStatusLabel1.ForeColor = System.Drawing.Color.Green;
```

```
toolStripStatusLabel1.Text = "Done";
```

```
System.Windows.Forms.Cursor.Current = System.Windows.Forms.Cursors.Default;
```

```
}
```

```
catch (Exception ex)
```

```
{
```

```
System.Windows.Forms.Cursor.Current = System.Windows.Forms.Cursors.Default;
```

```
MessageBox.Show(ex.Message, "Error XX", MessageBoxButtons.OK, MessageBoxIcon.Error);
```

```
button3.Enabled = true;
```

```
return;
```

```
}
```

```
}
```

```
internal class PdfHelper
```

```
{
```

```
public static void MergeFiles(string[] sourceFileNames, string destinationFileName)
```

```
{
```

```
var destinationPdf = new iText.Kernel.Pdf.PdfDocument(new PdfWriter(destinationFileName));
```

```
PdfMerger merger = new PdfMerger(destinationPdf);
```

```
foreach (string file in sourceFileNames)
```

```
{
```

```
var inputPdf = new iText.Kernel.Pdf.PdfDocument(new PdfReader(file));
```

```
merger.Merge(inputPdf, 1, inputPdf.GetNumberOfPages());
```

```

        inputPdf.Close();

    }

    destinationPdf.Close();

}

private void CheckedListBox4_Format(object sender, ListControlConvertEventArgs e)
{
    var fileName4 = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName4);
}

private void CheckedListBox1_Format(object sender, ListControlConvertEventArgs e)
{
    var fileName1 = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName1);
}

private void CheckedListBox2_Format(object sender, ListControlConvertEventArgs e)
{
    var fileName2 = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName2);
}

private void CheckedListBox3_Format(object sender, ListControlConvertEventArgs e)
{
    var fileName3 = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName3);
}

private void button4_Click(object sender, EventArgs e)

```

```
{
```

```
System.Windows.Forms.Cursor.Current = System.Windows.Forms.Cursors.WaitCursor;
```

```
toolStripProgressBar1.Visible = true;
```

```
toolStripStatusLabel1.Visible = true;
```

```
toolStripStatusLabel1.ForeColor = System.Drawing.Color.Orange;
```

```
toolStripStatusLabel1.Text = "In progress...";
```

```
button7.Visible = false;
```

```
try
```

```
{
```

```
foreach (string path4 in this.checkedListBox4.CheckedItems)
```

```
{
```

```
    var workbook = ExcelFile.Load(path4);
```

```
    var pdfOptions = new GemBox.Spreadsheet.PdfSaveOptions();
```

```
    pdfOptions.SelectionType = SelectionType.EntireFile;
```

```
    workbook.Save(Path.ChangeExtension(path4, ".pdf"));
```

```
}
```

```
toolStripProgressBar1.Value = 25;
```

```
foreach (string path1 in this.checkedListBox1.CheckedItems)
```

```
{
```

```
var workbook = ExcelFile.Load(path1);
```

```
var pdfOptions = new GemBox.Spreadsheet.PdfSaveOptions();
```

```
pdfOptions.SelectionType = SelectionType.EntireFile;
```

```
workbook.Save(Path.ChangeExtension(path1, ".pdf"));
```

```
}
```

```
toolStripProgressBar1.Value = 50;
```

```
foreach (string path2 in this.checkedListBox2.CheckedItems)
```

```
{
```

```
var workbook = ExcelFile.Load(path2);
```

```
var pdfOptions = new GemBox.Spreadsheet.PdfSaveOptions();
```

```
pdfOptions.SelectionType = SelectionType.EntireFile;
```

```
workbook.Save(Path.ChangeExtension(path2, ".pdf"));
```

```
}
```

```
toolStripProgressBar1.Value = 75;
```

```
foreach (string path3 in this.checkedListBox3.CheckedItems)
```

```
{
```

```
var workbook = ExcelFile.Load(path3);
```

```
var pdfOptions = new GemBox.Spreadsheet.PdfSaveOptions();
```

```
pdfOptions.SelectionType = SelectionType.EntireFile;
```

```
workbook.Save(Path.ChangeExtension(path3, ".pdf"));
```

```
}
```

```
button4.Enabled = false;
```

```
toolStripProgressBar1.Value = 100;
```

```
toolStripStatusLabel1.ForeColor = System.Drawing.Color.Green;
```

```
toolStripStatusLabel1.Text = "Done";
```

```
}
```

```
catch (Exception ex)
```

```
{
```

```
    MessageBox.Show(ex.Message, "Error XX", MessageBoxButtons.OK, MessageBoxIcon.Error);
```

```
    button4.Enabled = true;
```

```
    return;
```

```
}
```

```
checkedListBox4.Items.Clear();
```

```
checkedListBox1.Items.Clear();
```

```
checkedListBox2.Items.Clear();
```

```
checkedListBox3.Items.Clear();
```

```
var files1 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\01_MainPage", "*.pdf");
```

```
checkedListBox4.Items.AddRange(files1);
```

```
var files2 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\02_Comments", "*.pdf");
```

```
checkedListBox1.Items.AddRange(files2);
```

```
var files3 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\03_TestResults", "*.pdf");
```

```
checkedListBox2.Items.AddRange(files3);
```

```
var files4 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\04_Propositons", "*.pdf");
```

```
checkedListBox3.Items.AddRange(files4);
```

```
System.Windows.Forms.Cursor.Current = System.Windows.Forms.Cursors.Default;
```

```
button3.Enabled = true;
```

```
}
```

```
private void button5_Click(object sender, EventArgs e)
```

```
{
```

```
try
```

```
{
```

```
checkedListBox4.ClearSelected();
```

```
checkedListBox1.ClearSelected();
```

```
checkedListBox2.ClearSelected();
```

```
checkedListBox3.ClearSelected();
```

```
}
```

```
catch (Exception ex)
```

```
{
```

```
}
```

```
}
```

```
private void checkedListBox4_Format_1(object sender, ListControlConvertEventArgs e)
```

```
{
```

```
var fileName = e.ListItem.ToString();
```

```

        e.Value = System.IO.Path.GetFileName(fileName);
    }

private void checkedListBox1_Format_1(object sender, ListControlConvertEventArgs e)
{
    var fileName = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName);
}

private void checkedListBox2_Format_1(object sender, ListControlConvertEventArgs e)
{
    var fileName = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName);
}

private void checkedListBox3_Format_1(object sender, ListControlConvertEventArgs e)
{
    var fileName = e.ListItem.ToString();

    e.Value = System.IO.Path.GetFileName(fileName);
}

private void button6_Click(object sender, EventArgs e)
{
    Process.Start("explorer.exe", @"C:\ProgramData\UpdateReports\05_FinalReport");
}

private void button7_Click(object sender, EventArgs e)

```

```

{
    button3.Enabled = true;

    button4.Enabled = false;

    button7.Visible = false;


    checkedListBox4.Items.Clear();

    checkedListBox1.Items.Clear();

    checkedListBox2.Items.Clear();

    checkedListBox3.Items.Clear();


    var files1 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\01_MainPage", "*.pdf");
    checkedListBox4.Items.AddRange(files1);

    var files2 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\02_Comments", "*.pdf");
    checkedListBox1.Items.AddRange(files2);

    var files3 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\03_TestResults", "*.pdf");
    checkedListBox2.Items.AddRange(files3);

    var files4 = Directory.GetFiles(@"C:\ProgramData\UpdateReports\04_Propositons", "*.pdf");
    checkedListBox3.Items.AddRange(files4);
}


private void button8_Click(object sender, EventArgs e)
{
    var Form2 = new Form2();

    Form2.Show();

    this.Hide();
}
}

```

