

Merge docs into single PDF file using Apitron PDF Kit library

Written by Apitron Documentation Team

Introduction

Merging several PDF documents to single PDF file is very common task performed by many applications and [Apitron PDF Kit](#) provides very simple and clean API for it. See the code provided in next section in order to quickly get the idea and use it in your own app.

The code

```
void MergeDocuments()
{
    FixedDocument resultingDocument = new FixedDocument();

    // let's assume that we have a folder with files which should be merged
    foreach (string fileName in Directory.EnumerateFiles("Documents", "*.pdf"))
    {
        // open found document and copy its pages to resulting doc
        using (Stream file = File.OpenRead(fileName))
        {
            FixedDocument pdfDocument = new FixedDocument(file);
            // enumerate pages and save each page as separate PDF file
            for (int i = 0; i < pdfDocument.Pages.Count; i++)
            {
                // Export page before inserting it into the new document,
                // it preserves resources used by this page.
                resultingDocument.Pages.Add(Page.Export(resultingDocument, pdfDocument.Pages[i]));
            }
        }
    }
    // save resulting document
    using (Stream outputStream = File.Create("resultingDocument.pdf"))
    {
        resultingDocument.Save(outputStream);
    }
}
```

This code searches for pdf files in subdirectory “Documents” and processes each PDF file found by append its pages to the resulting document.

The article describing document splitting can be found in our blog or in *Documentation* section on our [website](#). You can also find there a complete book with very detailed explanation of many PDF related aspects (see [Apitron PDF Kit in Action](#)). Feel free to ask questions, we are always ready to help.