

How to add header and footer with pdf sdk in C# and ByteScout PDF Suite

How to write a robust code in C# to add header and footer with pdf sdk with this step-by-step tutorial

Sample source code below will display you how to manage a complex task like add header and footer with pdf sdk in C#. ByteScout PDF Suite is the set that includes 6 SDK products to work with PDF from generating rich PDF reports to extracting data from PDF documents and converting them to HTML. This bundle includes PDF (Generator) SDK, PDF Renderer SDK, PDF Extractor SDK, PDF to HTML SDK, PDF Viewer SDK and PDF Generator SDK for Javascript and you can use it to add header and footer with pdf sdk with C#.

The following code snippet for ByteScout PDF Suite works best when you need to quickly add header and footer with pdf sdk in your C# application. IF you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. Applying C# application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

The trial version of ByteScout PDF Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

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Source Code Files:

AddHeaderAndFooter.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.27703.2026
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "AddHeaderAndFooter", "AddHeaderAndFooter.csproj", "{8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}"
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {91D7A2B3-38D6-4483-A57C-A93F9FA11115}
    EndGlobalSection
EndGlobal
```

Program.cs

```
using Bytescout.PDF;
using System;
using System.Diagnostics;
using Font = Bytescout.PDF.Font;
using SolidBrush = Bytescout.PDF.SolidBrush;

namespace AddHeaderAndFooter
{
    class Program
    {
        static void Main(string[] args)
        {
            try
            {
                using (Document doc = new Document())
```

```

    {
        doc.RegistrationName = "demo";
        doc.RegistrationKey = "demo";

        doc.Load("sample.pdf");

        // Prepare simple template (for example, a logo) and draw it on every page
        // Create template of specified size
        GraphicsTemplate headerTemplate = new GraphicsTemplate(250, 50);
        headerTemplate.DrawString("Here is a header text", new Font(StandardFontName, 12));

        GraphicsTemplate footerTemplate = new GraphicsTemplate(250, 50);
        footerTemplate.DrawString("Here is the footer text", new Font(StandardFontName, 12));

        // Write template in each pages
        for (int i = 0; i < doc.Pages.Count; i++)
        {
            Page currentPage = doc.Pages[i];
            currentPage.Canvas.DrawTemplate(headerTemplate, 40, 10);
            currentPage.Canvas.DrawTemplate(footerTemplate, 350, (currentPage.Height - 50));
        }

        // Save output file
        doc.Save("result.pdf");
    }

    // Open result document in default associated application (for demo purposes)
    ProcessStartInfo processStartInfo = new ProcessStartInfo("result.pdf");
    processStartInfo.UseShellExecute = true;
    Process.Start(processStartInfo);
}
catch (Exception ex)
{
    Console.WriteLine(ex.Message);
}

Console.WriteLine("Press enter key to exit...");
Console.ReadLine();
}
}
}

```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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