

How to set page numbers in PDF in C# and ByteScout PDF SDK

How to set page numbers in PDF in C#

On this page you will learn from code samples for programming in C#. Writing of the code to set page numbers in PDF in C# can be done by developers of any level using ByteScout PDF SDK. ByteScout PDF SDK is the SDK for pdf documents generation, modification and updates. Can also generate and fill PDF forms. Provides support for text (fonts, style, size, font family), layers, pdf form fields, vector and raster drawings and you can use it to set page numbers in PDF with C#.

This code snippet below for ByteScout PDF SDK works best when you need to quickly set page numbers in PDF in your C# application. In your C# project or application you may simply copy & paste the code and then run your app! Code testing will allow the function to be tested and work properly with your data.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

C# - Program.cs

```
using System.Diagnostics;
using Bytescout.PDF;

namespace PageNumbers
{
    ///
    /// This example demonstrates how to add page numbers (labels) visible in the
    page thumbnails panel of PDF viewer.
    ///
    class Program
    {
        static void Main()
        {
            // Create new document
            Document pdfDocument = new Document();
            pdfDocument.RegistrationName = "demo";
            pdfDocument.RegistrationKey = "demo";

            // Add twenty pages
            for (int i = 0; i < 20; i++)
                pdfDocument.Pages.Add(new Page(PaperFormat.A4));

            // First five pages will have roman numbers I, II, III, ...
            PageLabel pageLabel = new PageLabel(0,
```

```
PageNumberingStyle.UppercaseRoman);
    pdfDocument.PageLabels.Add(pageLabel);

    // Next five pages will have arabic numbers 6, 7, 8, ...
    pageLabel.Style = PageNumberingStyle.DecimalArabic;
    pageLabel.StartPortion = 6;
    pageLabel.FirstPageIndex = 5;
    pdfDocument.PageLabels.Add(pageLabel);

    // Next five pages will have complex page numbers with prefix A-11, A-12,
A-13, ...
    pageLabel.Style = PageNumberingStyle.DecimalArabic;
    pageLabel.Prefix = "A-";
    pageLabel.StartPortion = 11;
    pageLabel.FirstPageIndex = 10;
    pdfDocument.PageLabels.Add(pageLabel);

    // Next five pages will use letters as page numbers P, Q, R, ...
    pageLabel.Prefix = "";
    pageLabel.Style = PageNumberingStyle.UppercaseLetters;
    pageLabel.StartPortion = 16;
    pageLabel.FirstPageIndex = 15;
    pdfDocument.PageLabels.Add(pageLabel);

    // Force PDF viewer to show page thumbnails panel on start up
    pdfDocument.PageMode = PageMode.Thumbnail;

    // Save document to file
    pdfDocument.Save("result.pdf");

    // Cleanup
    pdfDocument.Dispose();

    // Open result document in default associated application (for demo
purpose)
    ProcessStartInfo processStartInfo = new ProcessStartInfo("result.pdf");
    processStartInfo.UseShellExecute = true;
    Process.Start(processStartInfo);
}
}
}
```

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