

How to add passwords and permissions in PDF in C# with ByteScout PDF SDK

How to add passwords and permissions in PDF in C#

The sample source codes on this page shows how to add passwords and permissions in PDF in C#. ByteScout PDF SDK can add passwords and permissions in PDF. It can be used from C#. ByteScout PDF SDK is the pdf library that can create, update and modify PDF files. Supports text with fonts and style selections, layers, form fields, drawing lines and objects, automatic tables, images. Can be used to create and fill pdf forms.

You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout PDF SDK for add passwords and permissions in PDF below and use it in your application. In order to implement the functionality, you should copy and paste this code for C# below into your code editor with your app, compile and run your application. Test C# sample code examples whether they respond your needs and requirements for the project.

ByteScout PDF SDK free trial version is available on our website. C# and other programming languages are supported.

C# - Program.cs

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

namespace PasswordsAndPermissions
{
    ///
    /// This example demonstrates how to lock the document with a password.
    /// PDF format supports two kinds of passwords: owner and user password.
    /// User password allows to view document and perform allowed actions.
    /// Owner password allows everything, including changing passwords and
    permissions.
    ///
    class Program
    {
        static void Main()
        {
            // Create new document
            Document pdfDocument = new Document();
            pdfDocument.RegistrationName = "demo";
            pdfDocument.RegistrationKey = "demo";
            // Add page
```

```
pdfDocument.Pages.Add(new Page(PaperFormat.A4));

// Set document encryption algorithm
pdfDocument.Security.EncryptionAlgorithm = EncryptionAlgorithm.RC4_40bit;
// Set various user permissions
pdfDocument.Security.AllowPrintDocument = false;
pdfDocument.Security.AllowContentExtraction = false;
pdfDocument.Security.AllowModifyAnnotations = false;
pdfDocument.Security.PrintQuality = PrintQuality.LowResolution;

// Set owner password
pdfDocument.Security.OwnerPassword = "ownerpassword";

// Set user password
pdfDocument.Security.UserPassword = "userpassword";

// 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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