# How to set passwords and permissions for pdf with pdf sdk in VB.NET using ByteScout Premium Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to set passwords and permissions for pdf with pdf sdk in VB.NET

These source code samples are assembled by their programming language and functions they apply. Want to set passwords and permissions for pdf with pdf sdk in your VB.NET app? ByteScout Premium Suite is designed for it. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording.

The SDK samples given below describe how to quickly make your application do set passwords and permissions for pdf with pdf sdk in VB.NET with the help of ByteScout Premium Suite. IF you want to implement the functionality, just copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. Applying VB.NET 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.

You can download free trial version of ByteScout Premium Suite from our website to see and try many others source code samples for VB.NET.

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# Source Code Files:

Program.vb

```vbnet
Imports Bytescout.PDF

''' <summary>
''' 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.
''' </summary>
Class Program

    Shared Sub Main()

        ' Create new document
        Dim pdfDocument = New Document()
        pdfDocument.RegistrationName = "demo"
                pdfDocument.RegistrationKey = "demo"
        ' Add page
        pdfDocument.Pages.Add(New Page(PaperFormat.A4))


        ' Set document encryption algorythm
        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 document in default PDF viewer app
        Process.Start("result.pdf")

    End Sub

End Class
```

VIDEO

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

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