

How to convert rtf email to pdf with pdf sdk in VB.NET with ByteScout Premium Suite

How to write a robust code in VB.NET to convert rtf email to pdf with pdf sdk with this step-by-step tutorial

ByteScout simple and easy to understand tutorials are planned to describe the code for both VB.NET beginners and advanced programmers. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can convert rtf email to pdf with pdf sdk in VB.NET.

These VB.NET code samples for VB.NET guide developers to speed up coding of the application when using ByteScout Premium Suite. Simply copy and paste in your VB.NET project or application you and then run your app! Check VB.NET sample code samples to see if they respond to your needs and requirements for the project.

Trial version of ByteScout Premium Suite is available for free. Source code samples are included to help you with your VB.NET app.

FOR MORE INFORMATION AND FREE TRIAL:

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout Premium Suite](#)

[Explore API Documentation](#)

[Get Free Training for ByteScout Premium Suite](#)

[Get Free API key for Web API](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

Source Code Files:

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.27703.2026
MinimumVisualStudioVersion = 10.0.40219.1
Project("{F184B08F-C81C-45F6-A57F-5ABD9991F28F}") = "EmailToPDF_RTFEmail", "EmailToPDF
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {E0A3BA18-AA04-4C1E-AF80-F7232FD8D83E}.Debug|Any CPU.ActiveCfg = Debug
        {E0A3BA18-AA04-4C1E-AF80-F7232FD8D83E}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {E0A3BA18-AA04-4C1E-AF80-F7232FD8D83E}.Release|Any CPU.ActiveCfg = Release
        {E0A3BA18-AA04-4C1E-AF80-F7232FD8D83E}.Release|Any CPU.Build.0 = Release
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {1894AF06-255F-4E49-B2A4-969943926926}
    EndGlobalSection
EndGlobal
```

Program.vb

```
Imports System.Drawing.Printing
Imports System.IO
Imports System.Text
Imports Bytestcout.PDF
Imports Bytestcout.PDF.Converters

Imports Font = Bytestcout.PDF.Font
Imports SolidBrush = Bytestcout.PDF.SolidBrush

Module Program

    Sub Main()

        Try
            ' Parse MessageContents using MsgReader Library
            ' MsgReader library can be obtained from: https://github.com/Sicos1977/MSG
            Using msg = New MsgReader.Outlook.Storage.Message("RtfSampleEmail.msg")
```

```

' Get Sender information
Dim from = msg.GetEmailSender(False, False)

' Message sent datetime
Dim sentOn = msg.SentOn

' Recipient To information
Dim recipientsTo = msg.GetEmailRecipients(MsgReader.Outlook.RecipientTy

' Recipient CC information
Dim recipientsCc = msg.GetEmailRecipients(MsgReader.Outlook.RecipientTy

' Recipient BCC information
Dim recipientBcc = msg.GetEmailRecipients(MsgReader.Outlook.RecipientTy

' Message subject
Dim subject = msg.Subject

' Get Message Body
Dim msgBody = msg.BodyRtf

' Convert RTF to HTML
msgBody = RtfPipe.Rtf.ToHtml(msgBody)

' Prepare PDF docuemnt
Using outputDocument As Document = New Document()

    ' Add registration keys
    outputDocument.RegistrationName = "demo"
    outputDocument.RegistrationKey = "demo"

    ' Add page
    Dim page As Page = New Page(PaperFormat.A4)
    outputDocument.Pages.Add(page)

    ' Default font and brush
    Dim font As Font = New Font(StandardFonts.Times, 12)
    Dim brush As Brush = New SolidBrush()

    ' Add Email contents
    Dim topMargin As Integer = 0
    topMargin += 20
    page.Canvas.DrawString({code}quot;File Name: {msg.FileName}", font

    topMargin += 20
    page.Canvas.DrawString({code}quot;From: {from}", font, brush, 20, t

    topMargin += 20
    page.Canvas.DrawString({code}quot;Sent On: {(If(sentOn.HasValue, s

    topMargin += 20
    page.Canvas.DrawString({code}quot;To: {recipientsTo}", font, brush

    If Not String.IsNullOrEmpty(recipientsCc) Then
        topMargin += 20
        page.Canvas.DrawString({code}quot;CC: {recipientsCc}", font, b
    End If

    If Not String.IsNullOrEmpty(recipientBcc) Then
        topMargin += 20

```

```

        page.Canvas.DrawString({code}quot;BCC: {recipientBcc}", font, brush,
    End If

    topMargin += 20
    page.Canvas.DrawString({code}quot;Subject: {subject}", font, brush,
    topMargin += 20
    page.Canvas.DrawString("Message body in next page.", font, brush, 20,

    ' Convert Html body to PDF in order to retain all formatting.
    Using converter As HtmlToPdfConverter = New HtmlToPdfConverter()

        converter.PageSize = PaperKind.A4
        converter.Orientation = Bytescout.PDF.Converters.PaperOrientation.Landscape

        ' Convert input HTML to stream
        Dim byteArrayBody As Byte() = Encoding.UTF8.GetBytes(msgBody)
        Dim inputStream As MemoryStream = New MemoryStream(byteArrayBody)

        ' Create output stream to store generated PDF file
        Using outputStream = New MemoryStream()
            ' Convert HTML to PDF
            converter.ConvertHtmlToPdf(inputStream, outputStream)

            ' Create new document from generated output stream
            Dim docContent As Document = New Document(outputStream)

            ' Append all pages to main PDF
            For Each item As Page In docContent.Pages
                outputDocument.Pages.Add(item)
            Next

            ' Save output file
            outputDocument.Save("result.pdf")

            ' Open output file
            Process.Start("result.pdf")

        End Using
    End Using
End Using
End Using

Catch ex As Exception
    Console.WriteLine(ex.Message)
    Console.WriteLine("Press enter key to exit...")
    Console.ReadLine()
End Try

End Sub

End Module

```

packages.config

```
<?xml version="1.0" encoding="utf-8"?>
<packages>
  <package id="MsgReader" version="3.4.1" targetFramework="net45" />
  <package id="OpenMcdf" version="2.2.1.3" targetFramework="net45" />
</packages>
```

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Premium Suite Home Page](#)

[Explore ByteScout Premium Suite Documentation](#)

[Explore Samples](#)

[Sign Up for ByteScout Premium Suite Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)

[Explore Web API Docs](#)

[Explore Web API Samples](#)

[visit www.ByteScout.com](http://www.ByteScout.com)

[visit www.PDF.co](http://www.PDF.co)

www.bytescout.com