

## How to convert rtf email to pdf with pdf sdk in C# and ByteScout PDF Suite

Learning is essential in computer world and the tutorial below will demonstrate how to convert rtf email to pdf with pdf sdk in C#

Sample source code below will display you how to manage a complex task like convert rtf email to pdf 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. It can convert rtf email to pdf with pdf sdk in C#.

These C# code samples for C# guide developers to speed up coding of the application when using ByteScout PDF Suite. Just copy and paste the code into your C# application's code and follow the instructions. This basic programming language sample code for C# will do the whole work for you to convert rtf email to pdf with pdf sdk.

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

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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("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "EmailToPDF_RTFEmail", "EmailToPDF
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
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Release|Any CPU.ActiveCfg = Release
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Release|Any CPU.Build.0 = Release
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {88E4CD5D-0D2E-42FD-BD52-BFF59A042E25}
    EndGlobalSection
EndGlobal
```

## Program.cs

```
using System;
using System.Diagnostics;
using System.Drawing.Printing;
using System.IO;
using System.Text;
using Bytescout.PDF;
using Bytescout.PDF.Converters;

using Font = Bytescout.PDF.Font;
using SolidBrush = Bytescout.PDF.SolidBrush;

namespace EmailToPDF_HTMLEmail
{
    class Program
    {
        static void Main(string[] args)
        {
            try
```

```

{
    // Parse MessageContents using MsgReader Library
    // MsgReader library can be obtained from: https://github.com/Sicos1977/MsgReader
    using (var msg = new MsgReader.Outlook.Storage.Message("RtfSampleEmail.rtf"))
    {
        // Get Sender information
        var from = msg.GetEmailSender(false, false);

        // Message sent datetime
        var sentOn = msg.SentOn;

        // Recipient To information
        var recipientsTo = msg.GetEmailRecipients(MsgReader.Outlook.RecipientType.To);

        // Recipient CC information
        var recipientsCc = msg.GetEmailRecipients(MsgReader.Outlook.RecipientType.Cc);

        // Message subject
        var subject = msg.Subject;

        // Get Message Body
        var msgBody = msg.BodyRtf;

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

        // Prepare PDF document
        using (Document outputDocument = new Document())
        {
            // Add registration keys
            outputDocument.RegistrationName = "demo";
            outputDocument.RegistrationKey = "demo";

            // Add page
            Page page = new Page(PaperFormat.A4);
            outputDocument.Pages.Add(page);

            // Add sample content
            Font font = new Font(StandardFonts.Times, 12);
            Brush brush = new SolidBrush();

            // Add Email contents
            int topMargin = 20;
            page.Canvas.DrawString("File Name: {msg.FileName}", font, brush, 20, 20);
            page.Canvas.DrawString("From: {from}", font, brush, 20, 40);
            page.Canvas.DrawString("Sent On: {(sentOn.HasValue ? sentOn.ToString() : null)}", font, brush, 20, 60);
            page.Canvas.DrawString("To: {recipientsTo}", font, brush, 20, 80);

            if (!string.IsNullOrEmpty(recipientsCc))
            {
                page.Canvas.DrawString("CC: {recipientsCc}", font, brush, 20, 100);
            }

            page.Canvas.DrawString("Subject: {subject}", font, brush, 20, 120);
            page.Canvas.DrawString("Message body in next page.", font, brush, 20, 140);

            // Convert Html body to PDF in order to retain all formatting.
            using (HtmlToPdfConverter converter = new HtmlToPdfConverter())

```



```
<package id="OpenMcdf" version="2.2.1.3" targetFramework="net45" />  
<package id="RtfPipe" version="1.0.0.23" targetFramework="net45" />  
</packages>
```

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## VIDEO

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

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