

How to convert html email to pdf with pdf sdk in C# using ByteScout Premium Suite

How to write a robust code in C# to convert html email to pdf with pdf sdk with this step-by-step tutorial

The code displayed below will guide you to install an C# app to convert html email to pdf with pdf sdk. What is ByteScout Premium Suite? It is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording. It can help you to convert html email to pdf with pdf sdk in your C# application.

Want to save time? You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Premium Suite for convert html email to pdf with pdf sdk below and use it in your application. Simply copy and paste in your C# project or application you and then run your app! If you want to use these C# sample examples in one or many applications then they can be used easily.

You can download free trial version of ByteScout Premium Suite from our website with this and other source code samples for C#.

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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_HTMLEmail", "EmailToPDF_HTMLEmail.sln"
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|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {8B33CB1C-B6A2-4750-9D1C-EB963DC8A17D}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {84906FDB-DB2B-4676-B5AE-BC10CAA26280}
    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/Sicos197
    using (var msg = new MsgReader.Outlook.Storage.Message("HtmlSampleEmail.html"))
    {
        // 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.BodyHtml;

        // 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())
            {
                converter.PageSize = PaperKind.A4;
                converter.Orientation = Bytescout.PDF.Converters.PaperOrientation.Landscape;

                // Convert input HTML to stream
            }
        }
    }
}

```

VIDEO

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

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