

How to convert DOC to PDF from URL for DOC to PDF API in C# and ByteScout Cloud API Server

Step By Step Instructions on how to convert DOC to PDF from URL for DOC to PDF API in C#

This page displays the step-by-step instructions and algorithm of how to convert DOC to PDF from URL and how to apply it in your application. DOC to PDF API in C# can be applied with ByteScout Cloud API Server. ByteScout Cloud API Server is the ready to deploy Web API Server that can be deployed in less than thirty minutes into your own in-house Windows server (no Internet connection is required to process data!) or into private cloud server. Can store data on in-house local server based storage or in Amazon AWS S3 bucket. Processing data solely on the server using built-in ByteScout powered engine, no cloud services are used to process your data!.

This simple and easy to understand sample source code in C# for ByteScout Cloud API Server contains different functions and options you should do calling the API to implement DOC to PDF API. For implementation of this functionality, please copy and paste the code below into your app using code editor. Then compile and run your app. Check C# sample code examples to see if they respond to your needs and requirements for the project.

Trial version of ByteScout is available for free download from our website. This and other source code samples for C# and other programming languages are available.

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Source Code Files:

ByteScoutWebApiExample.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 2013
VisualStudioVersion = 12.0.40629.0
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "ByteScoutWebApiExample", "ByteScoutWebApiExample", {A8A8A8A8-A8A8-A8A8-A8A8-A8A8A8A8A8A8}
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Debug|Any CPU.ActiveCfg = Debug|Any CPU
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Debug|Any CPU.Build.0 = Debug|Any CPU
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.ActiveCfg = Release|Any CPU
        {1E1C2C34-017E-4605-AE2B-55EA3313BE51}.Release|Any CPU.Build.0 = Release|Any CPU
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
EndGlobal
```

Program.cs

```
using System;
using System.IO;
using System.Net;
using Newtonsoft.Json.Linq;

// Please NOTE: In this sample we're assuming Cloud Api Server is hosted at "https://localhost:9000"
// If it's not then please replace this with your hosting url.

namespace ByteScoutWebApiExample
{
    class Program
    {
        // Direct URL of source DOC or DOCX file.
        const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/docx-to-pdf-test.docx";
        // Destination PDF file name
        const string DestinationFile = @"\result.pdf";

        static void Main(string[] args)
```

```

{
    // Create standard .NET web client instance
    WebClient webClient = new WebClient();

    // Prepare URL for `DOC To PDF` API call
    string query = Uri.EscapeUriString(string.Format(
        "https://localhost/pdf/convert/from/doc?name={0}&url={1}",
        Path.GetFileName(DestinationFile),
        SourceFileUrl));

    try
    {
        // Execute request
        string response = webClient.DownloadString(query);

        // Parse JSON response
        JObject json = JObject.Parse(response);

        if (json["error"].ToObject<bool>() == false)
        {
            // Get URL of generated PDF file
            string resultImageUrl = json["url"].ToString();

            // Download PDF file
            webClient.DownloadFile(resultImageUrl, DestinationFile);

            Console.WriteLine("Generated PDF file saved as " + DestinationFile);
        }
        else
        {
            Console.WriteLine(json["message"].ToString());
        }
    }
    catch (WebException e)
    {
        Console.WriteLine(e.ToString());
    }

    webClient.Dispose();

    Console.WriteLine();
    Console.WriteLine("Press any key...");
    Console.ReadKey();
}
}
}

```

packages.config

```

<?xml version="1.0" encoding="utf-8"?>
<packages>

```

```
<package id="Newtonsoft.Json" version="10.0.3" targetFramework="net40" />
</packages>
```

VIDEO

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

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