

How to convert DOC to PDF from URL for DOC to PDF API in C# with PDF.co Web API

How to convert DOC to PDF from URL for DOC to PDF API in C#: Step By Step Tutorial

Every ByteScout tool contains example C# source codes that you can find here or in the folder with installed ByteScout product. PDF.co Web API was made to help with DOC to PDF API in C#. PDF.co Web API is the Rest API that provides set of data extraction functions, tools for documents manipulation, splitting and merging of pdf files. Includes built-in OCR, images recognition, can generate and read barcodes from images, scans and pdf.

Fast application programming interfaces of PDF.co Web API for C# plus the instruction and the code below will help to learn how to convert DOC to PDF from URL. For implimentation of this functionality, please copy and paste code below into your app using code editor. Then compile and run your app. Tutorials are available along with installed PDF.co Web API if you'd like to dive deeper into the topic and the details of the API.

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.csproj", "{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}"
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;

namespace ByteScoutWebApiExample
{
    class Program
    {
        // The authentication key (API Key).
        // Get your own by registering at https://app.pdf.co/documentation/api
        const String API_KEY = "*****";

        // Direct URL of source DOC or DOCX file.
        const string SourceFileUrl = "https://bytescout-com.s3.amazonaws.com/files/example-document.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();

// Set API Key
webClient.Headers.Add("x-api-key", API_KEY);

// Prepare URL for `DOC To PDF` API call
string query = Uri.EscapeUriString(string.Format(
    "https://api.pdf.co/v1/pdf/convert/from/doc?name={0}&url={1}&source={2}",
    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 resultFileUrl = json["url"].ToString();

        // Download PDF file
        webClient.DownloadFile(resultFileUrl, 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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