

How to decode truncated pdf417 in C# and ByteScout BarCode Reader SDK

How to code in C# to decode truncated pdf417 with this step-by-step tutorial

These sample source codes on this page below are demonstrating how to decode truncated pdf417 in C#. What is ByteScout BarCode Reader SDK? It is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodess. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format. It can help you to decode truncated pdf417 in your C# application.

This rich sample source code in C# for ByteScout BarCode Reader SDK includes the number of functions and options you should do calling the API to decode truncated pdf417. This C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Enjoy writing a code with ready-to-use sample C# codes.

Free trial version of ByteScout BarCode Reader SDK is available on our website. Documentation and source code samples are included.

Program.cs

```
using System;
using System.IO;
using Bytescout.BarCodeReader;

namespace ReadTruncatedPDF417
{
    class Program
    {
        const string ImageFile = "TruncatedPDF417.png";

        static void Main()
        {
            Console.WriteLine("Reading barcode(s) from image {0}", Path.GetFullPath(ImageFile));

            Reader reader = new Reader();
            reader.RegistrationName = "demo";
            reader.RegistrationKey = "demo";

            // Set barcode type to find
            reader.BarcodeTypesToFind.PDF417 = true;
        }
    }
}
```

```

        // Read barcodes
        FoundBarcode[] barcodes = reader.ReadFrom(ImageFile);

        foreach (FoundBarcode barcode in barcodes)
        {
            Console.WriteLine("Found barcode with type '{0}' and value '{1}'", barcode.Type, barcode.Value);
        }

        // Cleanup
        reader.Dispose();

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

```

ReadTruncatedPDF417.NETCore.csproj

```

<?xml version="1.0" encoding="utf-8"?>
<Project Sdk="Microsoft.NET.Sdk">
  <PropertyGroup>
    <OutputType>Exe</OutputType>
    <TargetFramework>netcoreapp2.0</TargetFramework>
    <EnableDefaultCompileItems>>false</EnableDefaultCompileItems>
    <GenerateAssemblyCompanyAttribute>>false</GenerateAssemblyCompanyAttribute>
    <GenerateAssemblyConfigurationAttribute>>false</GenerateAssemblyConfigurationAttribute>
    <GenerateAssemblyFileVersionAttribute>>false</GenerateAssemblyFileVersionAttribute>
    <GenerateAssemblyInformationalVersionAttribute>>false</GenerateAssemblyInformationalVersionAttribute>
    <GenerateAssemblyProductAttribute>>false</GenerateAssemblyProductAttribute>
    <GenerateAssemblyTitleAttribute>>false</GenerateAssemblyTitleAttribute>
    <GenerateAssemblyVersionAttribute>>false</GenerateAssemblyVersionAttribute>
    <GenerateAssemblyCopyrightAttribute>>false</GenerateAssemblyCopyrightAttribute>
    <GenerateAssemblyTrademarkAttribute>>false</GenerateAssemblyTrademarkAttribute>
    <GenerateAssemblyCultureAttribute>>false</GenerateAssemblyCultureAttribute>
    <GenerateAssemblyDescriptionAttribute>>false</GenerateAssemblyDescriptionAttribute>
  </PropertyGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
    <None Include="TruncatedPDF417.png">
      <CopyToOutputDirectory>Always</CopyToOutputDirectory>
    </None>
  </ItemGroup>
  <ItemGroup>
    <PackageReference Include="Microsoft.Windows.Compatibility" Version="2.0.0" />
  </ItemGroup>
  <ItemGroup>
    <Reference Include="Bytescout.BarCodeReader">
      <SpecificVersion>False</SpecificVersion>
    </Reference>
  </ItemGroup>
</Project>

```

```
<HintPath>c:\Program Files\Bytescout BarCode Reader SDK\netcoreapp2.0\Bytescout.  
</Reference>  
</ItemGroup>  
</Project>
```

ReadTruncatedPDF417.VS2005.csproj

```
<Project DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/  
<PropertyGroup>  
<Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>  
<Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>  
<ProductVersion>8.0.50727</ProductVersion>  
<SchemaVersion>2.0</SchemaVersion>  
<ProjectGuid>{C664E764-C424-4CD5-AF69-F6B05FB17BA8}</ProjectGuid>  
<OutputType>Exe</OutputType>  
<RootNamespace>ReadTruncatedPDF417</RootNamespace>  
<AssemblyName>ReadTruncatedPDF417</AssemblyName>  
</PropertyGroup>  
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">  
<DebugSymbols>>true</DebugSymbols>  
<DebugType>full</DebugType>  
<Optimize>>false</Optimize>  
<OutputPath>bin\Debug\</OutputPath>  
<DefineConstants>DEBUG;TRACE</DefineConstants>  
<ErrorReport>prompt</ErrorReport>  
<WarningLevel>4</WarningLevel>  
</PropertyGroup>  
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">  
<DebugType>pdbonly</DebugType>  
<Optimize>>true</Optimize>  
<OutputPath>bin\Release\</OutputPath>  
<DefineConstants>TRACE</DefineConstants>  
<ErrorReport>prompt</ErrorReport>  
<WarningLevel>4</WarningLevel>  
</PropertyGroup>  
<ItemGroup>  
<Reference Include="Bytescout.BarCodeReader, Version=8.20.0.1340, Culture=neutral,  
<SpecificVersion>False</SpecificVersion>  
<HintPath>C:\Program Files\Bytescout BarCode Reader SDK\net2.00\Bytescout.BarCode  
</Reference>  
<Reference Include="System" />  
<Reference Include="System.Data" />  
<Reference Include="System.Drawing" />  
<Reference Include="System.Xml" />  
</ItemGroup>  
<ItemGroup>  
<Compile Include="Program.cs" />  
</ItemGroup>  
<ItemGroup>  
<Content Include="TruncatedPDF417.png">  
<CopyToOutputDirectory>Always</CopyToOutputDirectory>
```

```

    </Content>
</ItemGroup>
<Import Project="$(MSBuildBinPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and
    Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>

```

ReadTruncatedPDF417.VS2008.csproj

```

<Project DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003"
  <PropertyGroup>
    <Configuration Condition="'$(Configuration)' == ''">Debug</Configuration>
    <Platform Condition="'$(Platform)' == ''">AnyCPU</Platform>
    <ProductVersion>9.0.21022</ProductVersion>
    <SchemaVersion>2.0</SchemaVersion>
    <ProjectGuid>{C664E764-C424-4CD5-AF69-F6B05FB17BA8}</ProjectGuid>
    <OutputType>Exe</OutputType>
    <RootNamespace>ReadTruncatedPDF417</RootNamespace>
    <AssemblyName>ReadTruncatedPDF417</AssemblyName>
    <OldToolsVersion>2.0</OldToolsVersion>
    <TargetFrameworkVersion>v3.5</TargetFrameworkVersion>
  </PropertyGroup>
  <PropertyGroup Condition="'$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
    <DebugSymbols>>true</DebugSymbols>
    <DebugType>full</DebugType>
    <Optimize>>false</Optimize>
    <OutputPath>bin\Debug\</OutputPath>
    <DefineConstants>DEBUG;TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
  <PropertyGroup Condition="'$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
    <DebugType>pdbonly</DebugType>
    <Optimize>>true</Optimize>
    <OutputPath>bin\Release\</OutputPath>
    <DefineConstants>TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
  <ItemGroup>
    <Reference Include="Bytescout.BarCodeReader, Version=8.20.0.1340, Culture=neutral,
      <SpecificVersion>False</SpecificVersion>
      <HintPath>C:\Program Files\Bytescout BarCode Reader SDK\net3.50\Bytescout.BarCode
    </Reference>
    <Reference Include="System" />
    <Reference Include="System.Data" />

```

```

    <Reference Include="System.Drawing" />
    <Reference Include="System.Xml" />
  </ItemGroup>
  <ItemGroup>
    <Compile Include="Program.cs" />
  </ItemGroup>
  <ItemGroup>
    <Content Include="TruncatedPDF417.png">
      <CopyToOutputDirectory>Always</CopyToOutputDirectory>
    </Content>
  </ItemGroup>
  <Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
  <!-- To modify your build process, add your task inside one of the targets below and
    Other similar extension points exist, see Microsoft.Common.targets.
  <Target Name="BeforeBuild">
  </Target>
  <Target Name="AfterBuild">
  </Target>
  -->
</Project>

```

ReadTruncatedPDF417.VS2010.csproj

```

<?xml version="1.0" encoding="utf-8"?>
<Project DefaultTargets="Build" xmlns="http://schemas.microsoft.com/developer/msbuild/2003">
  <PropertyGroup>
    <Configuration Condition=" '$(Configuration)' == '' ">Debug</Configuration>
    <Platform Condition=" '$(Platform)' == '' ">AnyCPU</Platform>
    <ProductVersion>
    </ProductVersion>
    <SchemaVersion>2.0</SchemaVersion>
    <ProjectGuid>{C664E764-C424-4CD5-AF69-F6B05FB17BA8}</ProjectGuid>
    <OutputType>Exe</OutputType>
    <RootNamespace>ReadTruncatedPDF417</RootNamespace>
    <AssemblyName>ReadTruncatedPDF417</AssemblyName>
    <OldToolsVersion>3.5</OldToolsVersion>
    <TargetFrameworkVersion>v4.0</TargetFrameworkVersion>
  </PropertyGroup>
  <PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
    <DebugSymbols>>true</DebugSymbols>
    <DebugType>full</DebugType>
    <Optimize>>false</Optimize>
    <OutputPath>bin\Debug\</OutputPath>
    <DefineConstants>DEBUG;TRACE</DefineConstants>
    <ErrorReport>prompt</ErrorReport>
    <WarningLevel>4</WarningLevel>
  </PropertyGroup>
  <PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
    <DebugType>pdbonly</DebugType>
    <Optimize>>true</Optimize>
    <OutputPath>bin\Release\</OutputPath>
  </PropertyGroup>

```

```
<DefineConstants>TRACE</DefineConstants>
<ErrorReport>prompt</ErrorReport>
<WarningLevel>4</WarningLevel>
</PropertyGroup>
<ItemGroup>
  <Reference Include="Bytescout.BarCodeReader">
    <HintPath>C:\Program Files\Bytescout BarCode Reader SDK\net4.00\Bytescout.BarCode
  </Reference>
  <Reference Include="System" />
  <Reference Include="System.Data" />
  <Reference Include="System.Drawing" />
  <Reference Include="System.Xml" />
</ItemGroup>
<ItemGroup>
  <Compile Include="Program.cs" />
</ItemGroup>
<ItemGroup>
  <Content Include="TruncatedPDF417.png">
    <CopyToOutputDirectory>Always</CopyToOutputDirectory>
  </Content>
</ItemGroup>
<Import Project="$(MSBuildToolsPath)\Microsoft.CSharp.targets" />
<!-- To modify your build process, add your task inside one of the targets below and
      Other similar extension points exist, see Microsoft.Common.targets.
<Target Name="BeforeBuild">
</Target>
<Target Name="AfterBuild">
</Target>
-->
</Project>
```

FOR MORE INFORMATION AND FREE TRIAL:

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