

# How to read values from PDF form fields in C# and ByteScout PDF Extractor SDK

## Tutorial on how to read values from PDF form fields in C#

This sample source code below will demonstrate you how to read values from PDF form fields in C#. ByteScout PDF Extractor SDK is the Software Development Kit (SDK) that is designed to help developers with data extraction from unstructured documents like pdf, tiff, scans, images, scanned and electronic forms. The library is powered by OCR, computer vision and AI to provide unique functionality like table detection, automatic table structure extraction, data restoration, data restructuring and reconstruction. Supports PDF, TIFF, PNG, JPG images as input and can output CSV, XML, JSON formatted data. Includes full set of utilities like pdf splitter, pdf merger, searchable pdf maker and you can use it to read values from PDF form fields with C#.

You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout PDF Extractor SDK for read values from PDF form fields below and use it in your application. 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! Detailed tutorials and documentation are available along with installed ByteScout PDF Extractor SDK if you'd like to dive deeper into the topic and the details of the API.

Download free trial version of ByteScout PDF Extractor SDK from our website with this and other source code samples for C#.

C# - Program.cs

```
using System;
using System.Xml;
using Bytescout.PDFExtractor;

namespace ReadValuesFromFormFields
{
    class Program
    {
        static void Main(string[] args)
        {
            try
            {
                // Create XMLExtractor interface
                using (XMLExtractor extractor = new XMLExtractor("demo", "demo"))
                {
                    // Load Sample PDF document
                    extractor.LoadDocumentFromFile("filled_form.pdf");

                    // Get PDF document text as XML
                    string xmlText = extractor.GetXML();
                }
            }
        }
    }
}
```

```

// Load XML
XmlDocument xmlDoc = new XmlDocument();
xmlDoc.LoadXml(xmlText);

// Select all "control" nodes
XmlNodeList formControls = xmlDoc.SelectNodes("//control");

if (formControls != null)
{
    foreach (XmlNode formControl in formControls)
    {
        XmlAttribute typeAttribute =
formControl.Attributes["type"];

        // Get filled textboxes
        if (typeAttribute.Value == "textbox")
        {
            if (!string.IsNullOrEmpty(formControl.InnerText))
            {
                Console.WriteLine("EDITBOX " +
formControl.Attributes["id"].Value + ": " + formControl.InnerText);
            }
        }
        // Get checked checkboxes
        else if (typeAttribute.Value == "checkbox")
        {
            if (formControl.Attributes["state"].Value == "1")
            {
                Console.WriteLine("CHECKBOX " +
formControl.Attributes["id"].Value + ": " + formControl.Attributes["state"].Value);
            }
        }
    }
}
}
catch (Exception ex)
{
    Console.WriteLine(ex.Message);
}

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

```

[Download Free Trial SDK \(on-premise version\)](#)

[Read more about ByteScout PDF Extractor SDK](#)

[Explore documentation](#)

[Visit www.ByteScout.com](http://www.ByteScout.com)

or

[Get Your Free API Key for www.PDF.co Web API](#)