

wpf ui example for barcode reading with barcode reader sdk in C# with ByteScout Data Extraction Suite

Build wpf ui example for barcode reading with barcode reader sdk in C#

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Step-by-step instructions on how to do wpf ui example for barcode reading with barcode reader sdk in C#

This page explains the steps and algorithm of implementing wpf ui example for barcode reading with barcode reader sdk and how to make it work in your application. Wpf ui example for barcode reading with barcode reader sdk in C# can be applied with ByteScout Data Extraction Suite. ByteScout Data Extraction Suite is the bundle that includes three SDK tools for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

This rich and prolific sample source code in C# for ByteScout Data Extraction Suite contains various functions and options you should do calling the API to implement wpf ui example for barcode reading with barcode reader sdk. Just copy and paste this C# sample code to your C# application's code editor, add a reference to ByteScout Data Extraction Suite (if you haven't added yet) and you are ready to go! This basic programming language sample code for C# will do the whole work for you in implementing wpf ui example for barcode reading with barcode reader sdk in your app.

Trial version can be downloaded from our website for free. It contains this and other source code samples for C#.

FOR MORE INFORMATION AND FREE TRIAL:

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[Read more about ByteScout Data Extraction Suite](#)

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Source Code Files:

App.xaml.cs

```
using System;
using System.Collections.Generic;
using System.Configuration;
using System.Windows;

namespace ReadBarcodeFromImage
{
    /// <summary>
    /// Interaction logic for App.xaml
    /// </summary>
    public partial class App : Application
    {
    }
}
```

MainWindow.xaml.cs

```
using System;
using System.Text;
using System.Windows;
using System.Windows.Input;
using System.Windows.Media.Imaging;
using Bytescout.BarCodeReader;

namespace ReadBarcodeFromImage
{
    public partial class MainWindow : Window
    {
        public MainWindow()
        {
            InitializeComponent();
        }

        // Select image file
        private void btnBrowse_Click(object sender, RoutedEventArgs e)
        {
            Microsoft.Win32.OpenFileDialog dlg = new Microsoft.Win32.OpenFileDialog
            {
```

```

        Filter = "Supported formats (*.bmp;*.gif;*.tif;*.png;*.jpg;*.pdf)|*.bmp";
    };

    if (dlg.ShowDialog() == true)
    {
        tbFileName.Text = dlg.FileName;
        tbFoundBarcodes.Text = "";
        imageContainer.Source = null;

        try
        {
            BitmapImage bitmapImage = new BitmapImage();
            bitmapImage.BeginInit();
            bitmapImage.UriSource = new Uri(dlg.FileName, UriKind.Absolute);
            bitmapImage.EndInit();

            imageContainer.Source = bitmapImage;
        }
        catch (Exception)
        {
        }
    }
}

private void btnDecode_Click(object sender, RoutedEventArgs e)
{
    // Create barcode reader instance
    Reader reader = new Reader();
    reader.RegistrationName = "demo";
    reader.RegistrationKey = "demo";

    // Specify barcode types to find
    reader.BarcodeTypesToFind.All = true;
    // Select specific barcode types to speed up the decoding process and avoid
    // Show wait cursor
    Mouse.OverrideCursor = Cursors.Wait;

    /* -----
    NOTE: We can read barcodes from specific page to increase performance.
    For sample please refer to "Decoding barcodes from PDF by pages" program.
    ----- */

    try
    {
        // Search for barcodes
        reader.ReadFrom(tbFileName.Text);
    }
    finally
    {
        Mouse.OverrideCursor = null;
    }

    // Display found barcode information:
    StringBuilder stringBuilder = new StringBuilder();

    for (int i = 0; i < reader.FoundBarcodes.Length; i++)
    {
        FoundBarcode barcode = reader.FoundBarcodes[i];
    }
}

```

```
        stringBuilder.AppendFormat("{0}) Type: {1}; Value: {2}.\r\n", i + 1, bc
    }

    tbFoundBarcodes.Text = stringBuilder.ToString();

    // Cleanup
    reader.Dispose();
}
}
```

app.config

```
<?xml version="1.0"?>
<configuration>
<startup><supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.0"/></startup>
```

VIDEO

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

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