

winforms barcode control in C# using ByteScout Barcode SDK

Make winforms barcode control in C#

:

Tutorial on how to do winforms barcode control in C#

Every ByteScout tool contains example C# source codes that you can find here or in the folder with installed ByteScout product. ByteScout Barcode SDK helps with winforms barcode control in C#. ByteScout Barcode SDK is the robust SDK that generates high quality barcode images and pdf. Can generate all popular types of barcodes from QR Code, Code 39, Code 128, UPC, GS1, GS-128, PDF417, Datamatrix to more exotic barcode types. Fully customizable fonts, colors, print sizes. Includes special functions to ensure output quality, and tools for adding barcodes to new or existing pdf files and images.

C#, code samples for C#, developers help to speed up the application development and writing a code when using ByteScout Barcode SDK. To do winforms barcode control in your C# project or application you may simply copy & paste the code and then run your app! Code testing will allow the function to be tested and work properly with your data.

On our website you may get trial version of ByteScout Barcode SDK for free. Source code samples are included to help you with your C# application.

C# - MainForm.Designer.cs

```
namespace BarcodeControlTester
{
    partial class MainForm
    {
        ///
        /// Required designer variable.
        ///
        private System.ComponentModel.IContainer components = null;

        ///
        /// Clean up any resources being used.
        ///
        /// true if managed resources should be disposed; otherwise, false.
        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
```

```

        {
            components.Dispose();
        }
        base.Dispose(disposing);
    }

    #region Windows Form Designer generated code

    ///
    /// Required method for Designer support - do not modify
    /// the contents of this method with the code editor.
    ///

    private void InitializeComponent()
    {
        Bytescout.BarCode.Margins margins1 = new Bytescout.BarCode.Margins();
        Bytescout.BarCode.SymbologyOptions symbologyOptions1 = new
Bytescout.BarCode.SymbologyOptions();
        this.barcodeControl = new Bytescout.BarCode.BarcodeControl();
        this.SuspendLayout();
        //
        // barcodeControl
        //
        this.barcodeControl.AddChecksum = true;
        this.barcodeControl.AddChecksumToCaption = true;
        this.barcodeControl.AdditionalCaption = "Codabar";
        this.barcodeControl.AdditionalCaptionFont = new
System.Drawing.Font("Arial", 12F, System.Drawing.FontStyle.Regular,
System.Drawing.GraphicsUnit.Point, ((byte)(204)));
        this.barcodeControl.AdditionalCaptionPosition =
Bytescout.BarCode.CaptionPosition.Above;
        this.barcodeControl.Angle = Bytescout.BarCode.RotationAngle.Degrees0;
        this.barcodeControl.BarHeight = 50;
        this.barcodeControl.CaptionFont = new System.Drawing.Font("Arial", 12F,
System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(204)));
        this.barcodeControl.CaptionPosition =
Bytescout.BarCode.CaptionPosition.Below;
        this.barcodeControl.Dock = System.Windows.Forms.DockStyle.Fill;
        this.barcodeControl.DrawCaption = true;
        this.barcodeControl.HorizontalAlignment =
Bytescout.BarCode.BarcodeHorizontalAlignment.Center;
        this.barcodeControl.Location = new System.Drawing.Point(0, 0);
        margins1.Bottom = 5;
        margins1.Left = 5;
        margins1.Right = 5;
        margins1.Top = 5;
        this.barcodeControl.Margins = margins1;
        this.barcodeControl.Name = "barcodeControl";
        this.barcodeControl.NarrowBarWidth = 3;
        symbologyOptions1.CodabarChecksumAlgorithm =
Bytescout.BarCode.CodabarChecksumAlgorithm.AiimCheckDigit;
        symbologyOptions1.CodabarStartSymbol =
Bytescout.BarCode.CodabarSpecialSymbol.A;
        symbologyOptions1.CodabarStopSymbol =
Bytescout.BarCode.CodabarSpecialSymbol.B;
        symbologyOptions1.Code128Alphabet = Bytescout.BarCode.Code128Alphabet.A;
        symbologyOptions1.DrawIntercharacterGap = true;
        symbologyOptions1.ShowStartStop = true;
        this.barcodeControl.Options = symbologyOptions1;
    }

```

```

        this.barcodeControl.RenderingHint =
System.Drawing.Text.TextRenderingHint.SystemDefault;
        this.barcodeControl.Size = new System.Drawing.Size(450, 287);
        this.barcodeControl.SmoothingMode =
System.Drawing.Drawing2D.SmoothingMode.Default;
        this.barcodeControl.Symbology = Bytescout.BarCode.SymbologyType.Codabar;
        this.barcodeControl.TabIndex = 0;
        this.barcodeControl.Value = "012345";
        this.barcodeControl.VerticalAlignment =
Bytescout.BarCode.BarcodeVerticalAlignment.Middle;
        this.barcodeControl.WideToNarrowRatio = 2;
        //
        // MainForm
        //
        this.AutoScaleDimensions = new System.Drawing.SizeF(6F, 13F);
        this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;
        this.ClientSize = new System.Drawing.Size(450, 287);
        this.Controls.Add(this.barcodeControl);
        this.Name = "MainForm";
        this.Text = "Form1";
        this.ResumeLayout(false);

    }

    #endregion

    private Bytescout.BarCode.BarcodeControl barcodeControl;
}
}

```

C# - MainForm.cs

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Text;
using System.Windows.Forms;

namespace BarcodeControlTester
{
    public partial class MainForm : Form
    {
        public MainForm()
        {
            InitializeComponent();
        }
    }
}

```

```
}
```

C# - Program.cs

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

namespace BarcodeControlTester
{
    static class Program
    {
        ///
        /// The main entry point for the application.
        ///

        [STAThread]
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new MainForm());
        }
    }
}
```

FOR MORE INFORMATION AND FREE TRIAL:

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

[Read more about ByteScout Barcode SDK](#)

[Explore documentation](#)

[Visit www.ByteScout.com](#)

or

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