

How to set unicode value for barcode in C# using ByteScout Barcode SDK

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These source code samples are listed and grouped by their programming language and functions they use. ByteScout Barcode SDK is the fully featured library to generate barcodes. Supports QR Code, Code 39, Code 128, UPC, GS1, GS-128, PDF417, Datamatrix and many other barcode types. Includes various options for barcode generation to ensure output quality, add barcodes to new or existing pdf files and images. It can set unicode value for barcode in C#.

You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout Barcode SDK for set unicode value for barcode below and use it in your application. Follow the instructions from the scratch to work and copy the C# code. Detailed tutorials and documentation are available along with installed ByteScout Barcode SDK if you'd like to dive deeper into the topic and the details of the API.

Free trial version of ByteScout Barcode SDK is available for download from our website. Get it to try other source code samples for C#.

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Source Code Files:

```
using System;
using System.Collections.Generic;
using System.Text;
using System.Diagnostics;
using System.Drawing;
using Bytescout.BarCode;

namespace Sample
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create new barcode
            Barcode barcode = new Barcode("demo", "demo");

            // Set symbology
            barcode.Symbology = SymbologyType.QRCode;

            // set QR code encoding to UTF8 so will be able to encode Unicode
            barcode.Options.Encoding = Encoding.UTF8;

            // Set Unicode barcode value string 日本
            barcode.Value = "日本";

            // show caption for 2d barcodes
            barcode.DrawCaptionFor2DBarcodes = true;

            // set caption font to Arial Unicode MS so it will display the caption
            barcode.CaptionFont = new Font("Arial Unicode MS", 8);

            // Save barcode to image
            barcode.SaveImage("qrcode.png");

            // Show image in default image viewer
            Process.Start("qrcode.png");
        }
    }
}
```

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