How to generate gs1 datamatrix barcode with barcode sdk in C# with ByteScout Barcode Suite

How to write a robust code in C# to generate gs1 datamatrix barcode with barcode sdk with this step-by-step tutorial

ByteScout simple and easy to understand tutorials are planned to describe the code for both C# beginners and advanced programmers. ByteScout Barcode Suite is the set that includes three different SDK products to generate barcodes, read barcodes and read and write spreadsheets: Barcode SDK, Barcode Reader SDK and Spreadsheet SDK. It can be applied to generate gs1 datamatrix barcode with barcode sdk using C#.

The following code snippet for ByteScout Barcode Suite works best when you need to quickly generate gs1 datamatrix barcode with barcode sdk in your C# 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! Complete and detailed tutorials and documentation are available along with installed ByteScout Barcode Suite if you'd like to learn more about the topic and the details of the API.

The trial version of ByteScout Barcode Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Barcode Suite

Explore API Documentation

Get Free Training for ByteScout Barcode Suite

Get Free API key for Web API

visit www.ByteScout.com

Source Code Files:

Program.cs

```csharp
using System;
using System.Collections.Generic;
using System.Text;
using System.Diagnostics;

using Bytescout.BarCode;

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

            // Set symbology
            barcode.Symbology = SymbologyType.GS1_DataMatrix;

            // Set GS1 barcode value
            barcode.Value = "(01)03453120000011(17)291030(10)ABC123";

            // you may also set the value without brackets and the SDK will automatica
            // also some values may include "|" character as the additional separator
            // barcode.Value = "010345312000001117291030110ABC123"; // it will be conver

            // you may also optionally check if this value is valid according to GS1 s
            // bool isValidValue = barcode.ValueIsValidGS1(barcode.Value));

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

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

VIDEO

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

ON-PREMISE OFFLINE SDK

[60 Day Free Trial](#) or [Visit ByteScout Barcode Suite Home Page](#)
[Explore ByteScout Barcode Suite Documentation](#)
[Explore Samples](#)
[Sign Up for ByteScout Barcode Suite Online Training](#)

ON-DEMAND REST WEB API

[Get Your API Key](#)
[Explore Web API Docs](#)
[Explore Web API Samples](#)

[visit www.ByteScout.com](#)

[visit www.PDF.co](#)