

How to generate barcodes from database in C# with ByteScout Barcode SDK

Write code in C# to generate barcodes from database with this step-by-step tutorial

Learn how to generate barcodes from database in C# with this source code sample. Want to generate barcodes from database in your C# app? ByteScout Barcode SDK is designed for it. ByteScout Barcode SDK is the robust library (Software Development Kit) that is designed for automatic generation of high-quality barcodes for printing, electronic documents and pdf. All popular barcode types are supported from Code 39 and Code 129 to QR Code, UPC, GS1, GS-128, Datamatrix, PDF417, Maxicode and many others. Provides support for full customization of fonts, colors, output and printing sizes. Special tools are included to verify output quality and printing quality. Can add generated barcode into new or existing documents, images and PDF.

Fast application programming interfaces of ByteScout Barcode SDK for C# plus the instruction and the code below will help you quickly learn how to generate barcodes from database. In your C# project or application you may simply copy & paste the code and then run your app! Further enhancement of the code will make it more vigorous.

Our website provides trial version of ByteScout Barcode SDK for free. It also includes documentation and source code samples.

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

Program.cs

```
using System.Data.OleDb;
using Bytescout.BarCode;

namespace GenerateFromDatabase
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create Barcode generator instance
            using (Barcode barcode = new Barcode())
            {
                // Set barcode type to QR Code
                barcode.Symbology = SymbologyType.QRCode;

                // Create database connection
                using (OleDbConnection connection =
                    new OleDbConnection(@"Provider=Microsoft.Jet.OLEDB.4.0;Data Source=Database.mdb;"))
                {
                    connection.Open();

                    // Create SQL query
                    using (OleDbCommand command = connection.CreateCommand())
                    {
                        command.CommandText = "SELECT title FROM Table";

                        OleDbDataReader dataReader = command.ExecuteReader();

                        // Iterate values and generate barcode
                        int i = 0;
                        while (dataReader.Read())
                        {
                            barcode.Value = dataReader.GetString(0);
                            barcode.SaveImage(i + ".png");
                            i++;
                        }
                    }
                }
            }
        }
    }
}
```

VIDEO

<https://www.youtube.com/watch?v=REnj3A-oSPI>

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