How to export results to xml, csv, txt with barcode reader sdk in C# and ByteScout Data Extraction Suite

Continuous learning is a crucial part of computer science and this tutorial shows how to export results to xml, csv, txt with barcode reader sdk in C#

We made thousands of pre-made source code pieces for easy implementation in your own programming projects. Want to export results to xml, csv, txt with barcode reader sdk in your C# app? ByteScout Data Extraction Suite is designed for it. 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 prolific sample source code in C# for ByteScout Data Extraction Suite contains various functions and other necessary options you should do calling the API to export results to xml, csv, txt with barcode reader sdk. IF you want to implement the functionality, just copy and paste this code for C# below into your code editor with your app, compile and run your application. This basic programming language sample code for C# will do the whole work for you to export results to xml, csv, txt with barcode reader sdk.

ByteScout Data Extraction Suite free trial version is available on our website. C# and other programming languages are supported.

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Explore API Documentation

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Source Code Files:

Program.cs

```csharp
using System;
using System.IO;
using System.Text;
using System.Xml;
using Bytescout.BarCodeReader;

namespace ExportResults
{
    class Program
    {
        static void Main()
        {
            Reader reader = new Reader();
            reader.RegistrationName = "demo";
                        reader.RegistrationKey = "demo";

            // Set barcode type to find
            reader.BarcodeTypesToFind.All1D = true;

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

            // Read barcodes
            reader.ReadFromFile("barcodes.pdf");


            // Export to files:
            // =================

            // 1. Export found barcodes to XML
            reader.ExportFoundBarcodesToXML("barcodes.xml");

            // 2a. Export found barcodes to CSV with default delimiter, quotation and
            reader.ExportFoundBarcodesToCSV("barcodes.csv");

            // 2b. Export found barcodes to CSV with custom delimiter, quotation and c
            reader.ExportFoundBarcodesToCSV("barcodes2.csv", "|", "'", Encoding.UTF8);

            // 3a. Export found barcodes to plain text file in default character encod
            reader.ExportFoundBarcodesToTXT("barcodes.txt");

            // 3b. Export only values of found barcodes to plain text file in custom c
            reader.ExportFoundBarcodesToTXT("barcodes2.txt", true, Encoding.ASCII);


            // Get formatted result to a variable for further processing
            // ==========================================================

            // 1a. Get found barcodes as XmlDocument
            XmlDocument xmlDocument = reader.ExportFoundBarcodesToXMLDocument();
```

```csharp
            // 1b. Get found barcodes as XML string
            string xmlString = reader.ExportFoundBarcodesToXML();

            // 2a. Get found barcodes as string in CSV format with default delimiter a
            string csv = reader.ExportFoundBarcodesToCSV();

            // 2b. Get found barcodes as string in CSV format with custom delimiter and
            string csv2 = reader.ExportFoundBarcodesToCSV("|", "'");

            // 3. Get found barcodes as string in plain text format
            string txt = reader.ExportFoundBarcodesToTXT();

            // 4. Get found barcodes as string in JSON format
            string jsonString = reader.ExportFoundBarcodesToJSON();

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

VIDEO

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

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