

## How to decode damaged datamatrix in C# and ByteScout BarCode Reader SDK

### Tutorial on how to decode damaged datamatrix in C#

Learn how to decode damaged datamatrix in C# with this source code sample. ByteScout BarCode Reader SDK can decode damaged datamatrix. It can be used from C#. ByteScout BarCode Reader SDK is the SDK for reading of barcodes from PDF, images and live camera or video. Almost every common type like Code 39, Code 128, GS1, UPC, QR Code, Datamatrix, PDF417 and many others are supported. Supports noisy and defective images and docs. Includes optional documents splitter and merger for pdf and tiff based on found barcodes. Batch mode is supported for superior performance using multiple threads. Decoded values are easily exported to JSON, CSV, XML and to custom format.

You will save a lot of time on writing and testing code as you may just take the C# code from ByteScout BarCode Reader SDK for decode damaged datamatrix below and use it in your application. In your C# project or application you may simply copy & paste the code and then run your app! Test C# sample code examples whether they respond your needs and requirements for the project.

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

FOR MORE INFORMATION AND FREE TRIAL:

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Source Code Files:

## DecodeDamagedDatamatrix.sln

```
Microsoft Visual Studio Solution File, Format Version 12.00
# Visual Studio 15
VisualStudioVersion = 15.0.27703.2026
MinimumVisualStudioVersion = 10.0.40219.1
Project("{FAE04EC0-301F-11D3-BF4B-00C04F79EFBC}") = "DecodeDamagedDataMatrix", "DecodeD
EndProject
Global
    GlobalSection(SolutionConfigurationPlatforms) = preSolution
        Debug|Any CPU = Debug|Any CPU
        Release|Any CPU = Release|Any CPU
    EndGlobalSection
    GlobalSection(ProjectConfigurationPlatforms) = postSolution
        {99735776-2956-463D-9795-EBCE16928C30}.Debug|Any CPU.ActiveCfg = Debug
        {99735776-2956-463D-9795-EBCE16928C30}.Debug|Any CPU.Build.0 = Debug|A
        {99735776-2956-463D-9795-EBCE16928C30}.Release|Any CPU.ActiveCfg = Rele
        {99735776-2956-463D-9795-EBCE16928C30}.Release|Any CPU.Build.0 = Rele
    EndGlobalSection
    GlobalSection(SolutionProperties) = preSolution
        HideSolutionNode = FALSE
    EndGlobalSection
    GlobalSection(ExtensibilityGlobals) = postSolution
        SolutionGuid = {3ABE3EEF-B212-4E8B-9A74-67A52FD333AC}
    EndGlobalSection
EndGlobal
```

## Program.cs

```
using System;
using Bytescout.BarCodeReader;

namespace DecodeDamagedDataMatrix
{
    class Program
    {
        static void Main(string[] args)
        {
            try
            {
                // Create and activate Bytescout.BarCodeReader.Reader instance
                using (Reader reader = new Reader("demo", "demo"))
                {
                    // Set barcode type to find
                    reader.BarcodeTypesToFind.DataMatrix = true;
                }
            }
        }
    }
}
```

```
/* -----  
NOTE: We can read barcodes from specific page to increase performance  
For sample please refer to "Decoding barcodes from PDF by pages" page  
-----  
  
// Read barcodes  
FoundBarcode[] barcodes = reader.ReadFrom("corrupted_barcode_data.m  
  
    foreach (FoundBarcode code in barcodes)  
        Console.WriteLine("Found barcode with type '{0}' and value '{1}'  
    }  
}  
catch (Exception ex)  
{  
    Console.WriteLine(ex.Message);  
}  
  
Console.WriteLine();  
Console.WriteLine("Press any key to exit...");  
Console.ReadLine();  
}  
}
```

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## VIDEO

<https://www.youtube.com/watch?v=EARS PJFIJMU>

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