How to read barcodes from subfolder in Delphi and ByteScout BarCode Reader SDK

How to code in Delphi to read barcodes from subfolder with this step-by-step tutorial

Learn how to read barcodes from subfolder in Delphi with this source code sample. Want to read barcodes from subfolder in your Delphi app? ByteScout BarCode Reader SDK is designed for it. ByteScout BarCode Reader SDK is the barcode decoder with support for code 39, code 128, QR Code, Datamatrix, GS1, PDF417 and all other popular barcodes. Can read barcodes from images, pdf, tiff documents and live web camera. Supports noisy and damaged documents, can split and merge pdf and tiff documents based on barcodes. Can export barcode decoder results to XML, JSON, CSV and into custom data structures.

This rich sample source code in Delphi for ByteScout BarCode Reader SDK includes the number of functions and options you should do calling the API to read barcodes from subfolder. This Delphi 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! Enjoy writing a code with ready-to-use sample codes in Delphi.

ByteScout free trial version is available for download from our website. It includes all these programming tutorials along with source code samples.

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Source Code Files:

```
program Project1;
{$APPTYPE CONSOLE}
 Sample that shows reading of barcodes from images in /Images/ subfolder
uses
  SysUtils,
  ComObj,
  ActiveX;
 reader: Variant;
 SR: TSearchRec;
 arrayOutput: Variant;
 varItem: Variant;
 i: integer;
 pathWithImages, imageType: string;
begin
 CoInitialize(nil);
 System.Set8087CW(
{codeFileName}
{code}
33f);
 reader := CreateOleObject('Bytescout.BarCodeReader.Reader');
 reader.RegistrationName := 'demo';
 reader.RegistrationKey := 'demo';
```

```
// see .BarCodeTypesToFind for more values.
reader.BarcodeTypesToFind.Code39 := true;
// For example to enable Code128 uncomment line below
// reader.BarcodeTypesToFind.QRCode := true;
reader.Orientation :=
                                       1 or //OrientationType.HorizontalFromLeftToRig
                                        16 or // OrientationType.HorizontalFromRightTo
                                        32768 or // OrientationType.VerticalFromBottom
                                        2; // OrientationType.VerticalFromTopToBottom;
}
// uncomment to Enable Heuristic Mode (try different image processing modes if the de-
pathWithImages := '.\Images\';
imageType := '*.jpg'; // can also be *.png, *.tiff, *.bmp, *.PDF
// now search for files with images and processing them one by one
if FindFirst(pathWithImages + imageType, faAnyFile, SR) = 0 then begin
    repeat
     if (SR.Attr <> faDirectory) then begin
       writeLn(SR.Name);
       writeLn('-----
       // processing the file
       reader.ReadFromFile(pathWithImages + SR.Name);
        for i := 0 to reader.FoundCount - 1 do begin
         writeLn(
            '#' + IntToStr(i) + ' barcode with value ' +
           reader.GetFoundBarcodeValue(i)+
             at ' + FloatToStr(reader.GetFoundBarCodeLeft(i)) +
            ',' + FloatToStr(reader.GetFoundBarCodeTop(i))
         );
       end;
       writeLn('----');
     end;
   until FindNext(SR) <> 0;
    FindClose(SR);
end;
WriteLn('Press any key to exit...');
ReadLn;
reader := varEmpty;
end.
```

VIDEO

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

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