OnBarcode.com Java Barcode Reader

Developer Guide

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Overview

Java Barcode Reader is a Java library which scans and recognizes barcodes from image files. You can easily embed barcode recognition features in your Java projects.

All Java Barcode Reader Supporting Bar Code Types

1D / Linear Barcodes	2D / Matrix Barcodes
Codabar	Data Matrix
Code 39	
Code 128	PDF-417
EAN-8	
EAN-13	QR Code
Identcode	
Interleaved 2 of 5	
ISBN	
ISSN	
ITF-14	
Leitcode	
UPC-A	
UPC-E	

Install & Requirements

You need Java JDK 1.4.2 or later version.

Put **OnBarcode.BarcodeReader.jar** into your Java project classpath.

To read Tiff and bitmap image, you need two extra jars from Sun Microsystem, see how to read barcodes from tiff and bitmap images.

Quick to Start

Read barcodes from image is a simple task with barcode reader for java library.

Here is the sample code.

```
String[] barcodes = BarcodeScanner.Scan("code39image.gif", BarcodeType.Code39);
```

Pass your barcode image file, and barcode type to BarcodeScanner, and it will return barcode datas.

FAQ:

1. Scan multiple barcodes from the image documents

```
String[] barcodes = BarcodeScanner.Scan("code39image.gif", BarcodeType.Code39);
```

2. Scan barcodes from .NET image object

```
java.awt.image.RenderedImage objImage = …;
String[] barcodes = BarcodeScanner.Scan(objImage, BarcodeType.Code39);
```

3. Scan barcodes from the defined area within the image

```
ArrayList areas = new ArrayList();
SRegion area = new SRegion(0, 0, 50, 60);
areas.add(area);
String[] barcodes = BarcodeScanner.ScanRegions("code39image.gif", BarcodeType.Code39,
areas);
```

4. Scan maximum 1 barcode from the image

```
String[] barcodes = BarcodeScanner.ScanSingleBarcode("code39image.gif",
BarcodeType.Code39);
```

5. Scan and get more information about the barcode

```
BarcodeDetail[] barcodeDetails = BarcodeScanner.ScanInDetails("code39image.gif",
BarcodeType.Code39);
```