

# Welcome to Barcode4J

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## 1 Introduction

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**Barcode4J** is a flexible generator for barcodes written in Java. It's free, available under the [Apache License, version 2.0](#).

## 2 Features

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- 1D barcode implementations [[examples](#)] [[xml-format](#)]:
  - Interleaved 2 of 5
  - ITF-14
  - Code 39
  - Code 128
  - EAN-128, GS1-128 (based on Code 128)
  - Codabar
  - UPC-A and UPC-E (with supplementals)
  - EAN-13 and EAN-8 (with supplementals)
  - POSTNET
  - Royal Mail Customer Barcode (Four State)
  - USPS Intelligent Mail (4-State Customer Barcode)
- 2D barcode implementations [[examples](#)] [[xml-format](#)]:
  - PDF 417 (ISO/IEC 15438:2001(E))
  - DataMatrix (ISO/IEC 16022:2000(E))
  - QR Code (ISO/IEC 18004:2006(E)) (requires ZXing, available from CVS HEAD only)
- Support for multiple output formats [[output-formats](#)]:
  - SVG
  - EPS (Encapsulated PostScript)
  - Bitmap images (such as PNG or JPEG)
  - Java2D (AWT)
  - Text (for testing and debugging only)
- Servlet with support for SVG, EPS and bitmap output [[more info](#)]
- Command-line interface [[more info](#)]
- Plug-ins/extensions for third-party products:
  - Apache Xalan: SVG-generating XSLT extension [[more info](#)]
  - SAXON XSLT Processor from Michael Kay: SVG-generating XSLT extension [[more info](#)]
  - Apache FOP: support as fo:instream-foreign-object [[more info](#)]

## 3 Important Krysalis Barcode News

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Krysalis Barcode has been renamed to **Barcode4J** and moved to its own SourceForge project. [More...](#)