

# Barcode4J Documentation Overview

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## 1. Introduction

This page describes the documentation structure for **Barcode4J**.

## 2. Barcode4J Documentation Links

### [The Barcode XML Format](#)

describes the XML format used by **Barcode4J** to define barcodes. It also contains notes about the message format supported by each symbology.

### [Output Formats](#)

gives information about the various output formats supported by **Barcode4J** and tells you how to implement additional output formats.

### [Design](#)

describes how **Barcode4J** was designed to implement and configure barcodes using XML, in a way that the whole package can easily be integrated into a bigger work.

### 2.1. Scenarios

These pages show Use Cases for generating barcodes using **Barcode4J**:

#### [XSL-FO](#)

shows a use case for generating barcodes in [SVG format](#) format for [XSL-FO](#) documents.

#### [SVG DOM](#)

describes the generation of an [SVG format](#) barcode in Java.

### 2.2. Creating Barcodes

These pages describe the differing dependencies and options for using **Barcode4J**:

#### [...with FOP](#)

describes how to generate barcodes within an [XSL-FO](#) document with that is processed with [Apache FOP](#).

#### [...with Xalan-J](#)

describes how to generate barcodes in [SVG format](#) within an XSLT stylesheet that is processed with [Apache Xalan-J](#)

#### [...with SAXON](#)

describes how to generate barcodes in [SVG format](#) within an XSLT stylesheet

that is processed with the [SAXON XSLT Processor from Michael Kay](#).

**...with a Servlet**

describes a simple Servlet that can be used to generate barcodes in [SVG](#), EPS or any supported bitmap format with a URL.

**...from the Command Line**

describes how to use the command line interface that comes with **Barcode4J**.

**...embedding in Java (XML API)**

describes how to integrate **Barcode4J** in a Java application using the XML API.

**...embedding in Java (Bean API)**

describes how to integrate **Barcode4J** in a Java application using the JavaBeans API.