

# Barcode4J Documentation Overview

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## 1 Introduction

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

## 2 Barcode4J Documentation Links

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### [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

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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

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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.

**...with Apache Ant**

describes how to generate barcodes within an [Ant](#) script.