

# Use case: XSL-FO

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## 1 Introduction

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A common use case for **Barcode4J** is generating barcodes in [SVG](#) format for [XSL-FO](#) documents.

## 2 Several possibilities

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There are two main possibilities for generating barcode in an XSL-FO environment using **Barcode4J**.

1. generate a barcode in SVG format during the XSLT stage
  - If you're using the [Apache Xalan-J XSLT Processor](#) you can use the [Xalan extension](#).
  - If you're using the [SAXON XSLT Processor from Michael Kay](#) you can use the [SAXON extension](#).
2. generate a barcode during XSL-FO processing
  - If you work with [Apache FOP](#), using the [FOP extension](#) will be the most attractive option.

If you don't find a matching solution for your environment, drop us a mail on the [barcode4j-users mailing list](#).