

# Barcode Servlet

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## Table of contents

1 Introdcution.....	2
2 Try it.....	2
3 Usage.....	2

## 1 Introduction

**Barcode4J** provides a simple Servlet that can be used to generate barcodes in SVG, EPS or any supported bitmap format with a URL.

## 2 Try it

**Barcode4J** comes with a sample web application that allows you to play with the Barcode Servlet. See the [Examples](#) page for instructions.

## 3 Usage

If you follow the example of the sample web application a URL for a barcode generated from a locally installed web container could look like this:

<code>http://localhost:8080/barcode4j/gensvg?type=code128&amp;msg=Barcode</code>		
Parameter	Cardinality	Description
type	required	Type of the barcode. Examples: code128 (for Code 128), ean-13, upc-e etc. The values are the same used for the <code>org.krysalis.barcode4j.BarcodeClass</code> .
fmt	defaults to SVG	Output format of the barcode. You can use either MIME types (such as "image/svg+xml") or short format types (such as "svg" or "eps"). Supported output formats for this servlet are: SVG, EPS and any supported bitmap format.
msg	required	The message to encode.
height	optional	Specifies the desired overall height of the barcode.
mw	optional	The desired module width (normally the width of the narrow module). Example: 0.21mm
wf	optional	The desired wide factor. Example: 2 or 2.5
qz	optional	Determines the quiet zone. Example: 10mw (10 times the module width) or 1.5cm. "disable" suppressed the quiet zone.
hrp	optional	Determines the placement of the human-readable part. Possible values: "top", "bottom" or "none"

Parameter	Cardinality	Description
hrsize	optional	Determines the font size for the human-readable part. Example: 12pt
hfont	optional	Determines the font to use for the human-readable part. Example: CourierNew
res	defaults to 300dpi	(Applies to bitmaps only) Determines the resolution in dpi (dots per inch) for bitmaps.
gray	defaults to false	(Applies to bitmaps only) Determines whether the bitmap should be created in grayscales instead of monochrome (black and white). Valid values: "true" and "false".

Table 1: Supported parameters

**Note:**

Not all parameters are supported by every barcode type. For example, UPC and EAN barcodes don't support the wide factor parameter because the wide factors are fixed.