

Generate Barcode

Description

The app generates linear barcodes as SVG files (RGB). Supported symbologies are EAN-8, EAN-13, EAN-13+2 (add-on) and Code 128. The barcode is rendered with bwip-js, which owns all sizing, text rendering and layout so the module proportions stay correct and scannable.

The app creates a child job containing the generated SVG file and sends the original job to null.

Compatibility

Switch 2023 Fall and later.

Connections

The app has one incoming connection. Configure two outgoing connections so that success and error traffic are routed separately: set one as the outgoing success connection and the other as the outgoing error connection (traffic-light levels „Success" and „Error").

- On success, the app replaces the incoming job with the generated SVG file and sends it along the outgoing success connection.
- If the configuration or the job's content is invalid, the incoming job is sent unchanged along the outgoing error connection, and no SVG is produced.
- These expected errors (invalid configuration or job content) are always routed to the outgoing error connection. Only if an unexpected internal error occurs does the job fail and get moved to the problem jobs folder.

Properties detailed info

Configure the barcode generation by selecting the symbology, the data to encode, the output filename, and optional appearance settings such as human-readable text, font, color inversion, rotation and background. Inversion (white bars) requires a transparent background — the dark surface behind the barcode must come from the page layout. Combining inversion with a white background is rejected.

Flow elements properties

- **Barcode type:** Select the barcode symbology. Available options are EAN-8, EAN-13, EAN-13+2, EAN-13+2 (flipped) and Code 128. For EAN types, the digit count of the content is validated automatically.
- **Barcode content:** The text or data to encode. For EAN-8 the content must contain 7 or 8 digits, for EAN-13 it must contain 12 or 13 digits. For EAN-13+2 the content must follow the format "123456789012+34" with a + as separator between main part and the two add-on digits.
- **Output name:** Defines the output filename without extension. Default is [Job.NameProper]
- **Clear text:** Show the human-readable text underneath the bars. Default is Yes.
- **Font:** Font used for the human-readable text. Available options are OCR-B and Inconsolata. Default is OCR-B.
- **Inverting color:** Renders bars and text in white instead of black. Requires a transparent background and a dark surface in the layout behind the barcode. Default is No.

- **Rotation:** Rotates the barcode in 90-degree increments. Available options are 0, 90, 180 and 270 degrees.
- **Background color:** Selects either a solid white background rectangle or a transparent background. Default is transparent.

Outgoing connections properties

- No properties for outgoing connections.