

Inserting images

Language: [Deutsch](#) · [English](#)

✚ Inserting images

Embed images in reports/forms – as a resource or dynamically from the database via `InputStream`.

HOW-TO

APPLICATION DEVELOPER

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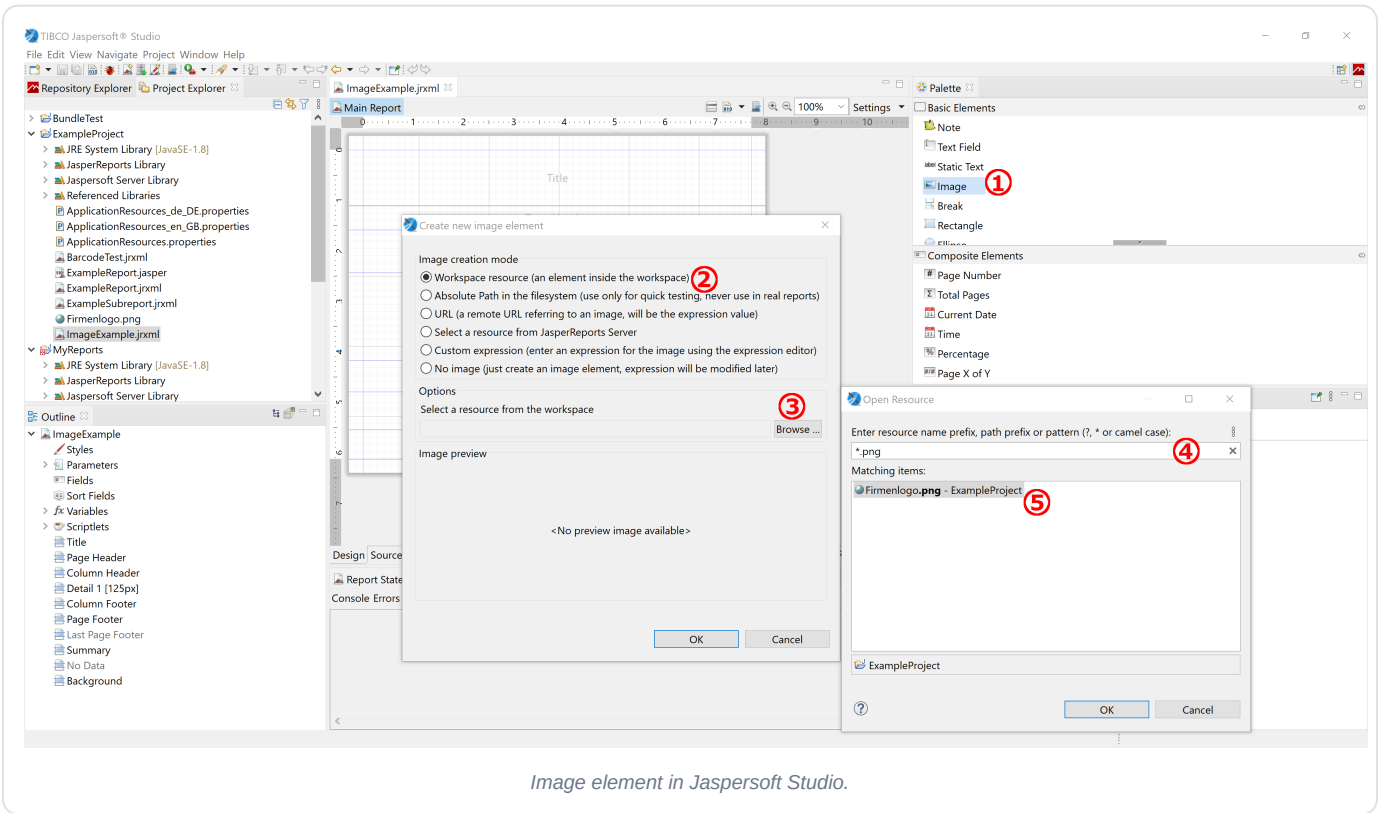
APPLIES TO NUCLOS 4.2026.X

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Insert an image into the form

JasperReports accepts **GIF**, **PNG** and **JPEG** as well as vector graphics as **SVG** (without embedded raster graphics). Drag the *Image* tool onto the canvas and pick the file (set the filter to „All files“ if needed).



Key properties

Property	Values
Scale Image	<i>Retain Shape</i> (aspect ratio, default) · <i>Fill Frame</i> (fills area, may distort).
On Error Type	<i>Error</i> (throw, default) · <i>Blank</i> (nothing) · <i>Icon</i> (placeholder).

Rotation	None · Left (90°) · Right (90°) · UpsideDown (180°).
Image Alignment	horizontal/vertical alignment.

Provide the image in Nuclos

Nuclos embeds the image at runtime by file/image name. Upload it under **Configuration Others Resource**.



Don't forget

The new resource must be **assigned to the nuclet** – otherwise the report reports that the image cannot be found.

Images from report data (dynamic)

To show images from the database:

1. Create a field referencing the image (e.g. User_Photo).
2. Set the field **Class** to `java.io.InputStream`.
3. In the *Image* tab open the expression editor and set the field as the **Image Expression**.

Expression Editor (java)

Expression Editor

Edit the JasperReports expression that returns the expected type.

Parameters

Fields

Variables

Resources

Built-in Functions

Date & Time
Logical
Message Bundles
Numeric / Math
Report
Text
User Defined Expressions
Recent Expressions

type filter text

User_Photo Field InputStream

type filter text

available() int
equals(Object) boolean
getClass() Class
hashCode() int
markSupported() boolean
nullInputStream() java.io.InputStream
read(byte[]) int
read(byte[], int, int) int
read() int
readAllBytes() byte[]
readNBytes(byte[], int, int) int
readNBytes(int) byte[]
skip(long) long
toString() String

Value Class (backward compatibility only)

?

Finish

Cancel

Image expression from a database field.

Related pages

Creating forms with Jaspersoft Studio

Forms.

[Open](#)

Resource

Resources.

[Open](#)

QR code

Barcodes.

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