

Report bands overview

Language: [Deutsch](#) · [English](#)

Report bands overview

Reference of JasperReports bands – title, header/footer, groups, detail and background including height rules.

REFERENZ APPLICATION DEVELOPER UPDATED: JUL 2026 APPLIES TO NUCLOS 4.2026.X

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A report is defined via a page template split into horizontal sections – **bands**. Each band is printed a different number of times depending on its function (the page header per page, the detail band per record).



Height rule

The sum of all band heights (except *Background*) must be page height minus top/bottom margin. The specified height is the **minimum height** – bands with text fields/subreports can stretch downwards.

The nine standard bands

Band	Purpose
Title	First visible band, created once; optionally on a separate page.
Page Header	Appears at the same position on every page.
Column Header	At the start of each detail column – typically column headings.
Group Header	Start of a group; can force a page/column break and be repeated.
Detail	Any number; repeated per record (unlimited total size).
Group Footer	Closes a group – e.g. subtotals, separator lines.
Column Footer	At the end of each column; not stretchable at runtime.
Page Footer	Page footer on every page with a header; not stretchable.
Last Page Footer	Different footer for the last page; ignored when height is 0.
Summary	Totals/averages at the end of the report (elsewhere „report footer“).
Background	Watermark/frame across the whole page; max. page height.

Adding detail bands

Add further detail bands via *Add Another Detail Band*. The order can be changed in the **XML view**: the `<band>` elements sit between `<detail>...</detail>`.

```

639     <textField>
640       <font size="8"/>
641     </textField>
642     <textFieldExpression class="java.lang.String"><![CDATA[${F{strexportusstext}}]></textFieldExpression>
643   </textField>
644 </band>
645 <band height="50"/>
646 <band height="50"/>
647 <band>
648   <printWhenExpression><![CDATA[${F{strzollbemerkung}} != null && !${F{strreart}.equals("Stornorechnung")}]></printWhenExpression>
649   <textField isStretchWithOverflow="true" isBlankWhenNull="true">
650     <reportElement mode="Transparent" x="0" y="0" width="525" height="0"/>
651     <textField>
652       <font size="8"/>
653     </textField>
654     <textFieldExpression class="java.lang.String"><![CDATA[${F{strzollbemerkung}}]></textFieldExpression>
655   </textField>
656 </band>
657 <band height="33">
658   <printWhenExpression><![CDATA[${F{strreart}.equals("Stornorechnung")}]></printWhenExpression>
659   <staticText>
660     <reportElement mode="Transparent" x="0" y="5" width="525" height="26"/>
661     <textField>
662       <font size="8"/>
663     </textField>
664     <text><![CDATA[The amount is credited to your customer account.]]></text>
665   </staticText>
666 </band>
667 <band height="50"/>
668 <band height="50"/>
669 </detail>
670 <pageFooter>
671   <band height="173"/>
672 </pageFooter>

```

**Kopieren/Ausschneiden
und an gewünschter Stelle einfügen**

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Report Problems Window

Report output

Detail bands in the XML view.

Related pages

Creating forms with Jaspersoft Studio

Forms.

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Formatting

Formatting.

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