

 Language: [Deutsch](#) · [English](#)

Display dependent records in a report – upload subreports, embed them via a parameter and feed them with data sources.

APPLICATION DEVELOPER

APPLIES TO NUCLOS 4.2026.X

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In the *subreports* sub-form you upload the subreport file (*.jrxml or *.xml) and specify a **parameter name**. The subreport is passed to the main report via this name.

Subreport assignment with parameter name.

Using it in the report design

In the main report create a parameter with the name given above and type `net.sf.jasperreports.engine.JasperReport`. In the *subreport properties* set:

Property	Value
Subreport Expression	<code>\$P{<parametername>}</code> (e.g. <code>\$P{SUBREPORT_A}</code>)
Expression Class	<code>net.sf.jasperreports.engine.JasperReport</code>
Connection type	Use a datasource expression
Data Source Expression	see code example below

Data source of the subreport

Add a parameter `REPORT_DATA_SOURCE` to the subreport properties with the following expression:

```
((org.nuclos.server.report.api.JRNuclosDataSource)$P{REPORT_DATA_SOURCE}).getDataSource("<Name der Datenquelle in Nuclos>")
```

The subreport must be placed in the **detail band** of the parent report so that connection and context information is passed. Defined data-source parameters (e.g. `int.id`) are filled automatically per main record from its fields.



Testing in the designer

For test compilation in Jaspersoft Studio, add `nuclos-reportapi.jar` (part of the distribution) to the class path.

LastPageFooter in a subreport

If a whole form is used as a subreport: (1) maximise the executing band to page size, (2) set the subreport property **Run to Bottom**. Especially important with the *last page footer*.



Position type

Expansion behaviour: if a subreport is used in the title, page/column header or group header/footer, the property **position type = float** must be set.

For building a sub-sub-report see [Subreport within a subreport](#).

Related pages



Forms

Forms.

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Subreport in the designer

Step by step.

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Subreport within a subreport

Deeper hierarchy.

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