

## Jasper Reports

[Jasper Reports](#) is the world's most popular Java reporting engine. Combine data sources and produce pixel-perfect documents that can be viewed, printed, or exported into a variety of document formats with this powerful reporting tool. Archi can export models in various formats using Jasper Reports Templates.

This option is available from the "Report->Jasper..." menu item from the main "File" menu. Once a model is selected in the Model Tree or in a View this menu item is enabled. Provide the details in the following wizard page:

**Generate Jasper Reports**

Choose the output location, report title and which formats to generate.

Report location:  

Report filename:

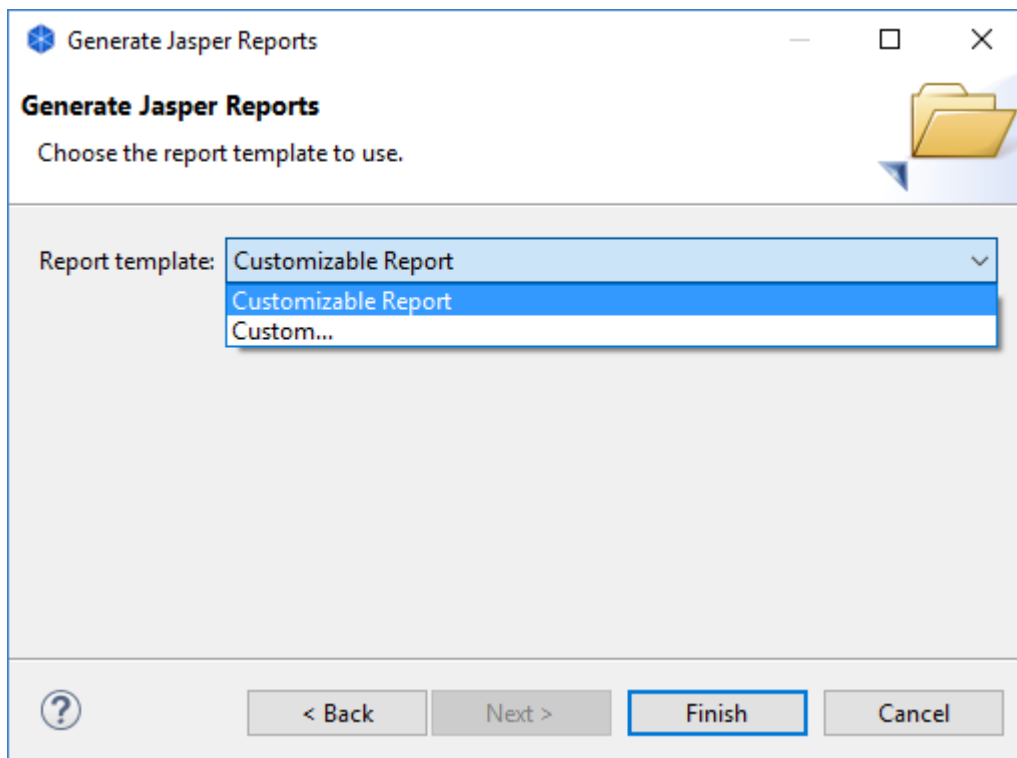
Report title:

Formats to generate:

<input checked="" type="checkbox"/> HTML	<input checked="" type="checkbox"/> PDF
<input checked="" type="checkbox"/> RTF	<input checked="" type="checkbox"/> MS Word
<input checked="" type="checkbox"/> MS Powerpoint	<input checked="" type="checkbox"/> Open Office

*Jasper Reports wizard page 1*

And then in the next wizard page, choose the report template that you prefer:



*Jasper Reports wizard page 2*

## Customisable Report

If you choose the "Customizable Report" template when exporting, then you can set various properties for the report's layout if you base your model on the "Customizable Report" model template when creating a new model. See ["Creating a New Model from a Template"](#) for more details.

By setting certain properties in the model that is based on the "Customizable Report" model template you can fine tune the output. When you create a new model based on the "Customizable Report" model template there is a View called "\_README\_" that lists the properties.

Properties that follow are used by the "Customizable Report"

There are two types of properties: "model wide" or "view only". "model wide" properties affect the whole report where "view only" properties impact only the rendering of the view having them set.

#### MODEL WIDE PROPERTIES

Report:Model:Hide:Business

Set to "true" to hide the list of business concepts.

Report:Model:Hide:Application

Set to "true" to hide the list of application concepts.

Report:Model:Hide:Technology&Physical

Set to "true" to hide the list of technology and physical concepts.

Report:Model:Hide:Motivation

Set to "true" to hide the list of motivation extension concepts

Report:Model:Hide:Implementation&Migration

Set to "true" to hide the list of implementation & migration extension concepts.

Report:Model:Hide:Other

Set to "true" to hide the list of connectors and groupings.

Report:Model:Hide:Relations

Set to "true" to hide the list of relations.

Report:Model:Hide:Views

Set to "true" to hide the list of views.

Report:Model:Hide:ViewNumbering

Set to "true" to hide numbering at the begining of view name (regexp '^[0-9.]\* ').

Report:Model:Cover:Background

URL or path to an image used on the cover (595 x 842).

If unset a default image is used. Set it to "null" to disable it.

Report:Model:Header:Background

URL or path to an image used on page header (595 x 50).

If unset a default image is used. Set it to "null" to disable it.

#### VIEW ONLY PROPERTIES

Report:View:Detailed

Set to "true" to show a detailed list of elements.

Report:View:Hide

Set to "true" to hide the view.

Report:View:Hide:Diagram

Set to "true" to hide the diagram.

Report:View:Tag

Use this property to tag a view (you can use this property multiple time). Tags can then be used to create a report containing only one specific tag. To do this add "#tagname" to the end of the report title (case insensitive). You can make visible for all tag using the special tag "all".

*Custom report properties*

## User Report Templates

If you wish to create your own custom Jasper Report templates you can place these in the folder named "jasper-reports" in the application preference folder. You can change the location of this folder in [Preferences](#). Alternatively, you can manually select a template file ("main.jrxml") from the "Choose..." combo option.

An example folder structure for a custom report:

```
C:\Users\Bagpuss\Application Data\Archi\jasper-reports
|-----My Custom Report
|-----main.jrxml
|-----style.jrxml
|-----other files
```

For more information on creating custom Jasper Reports please refer to the developer section of the Archi website.

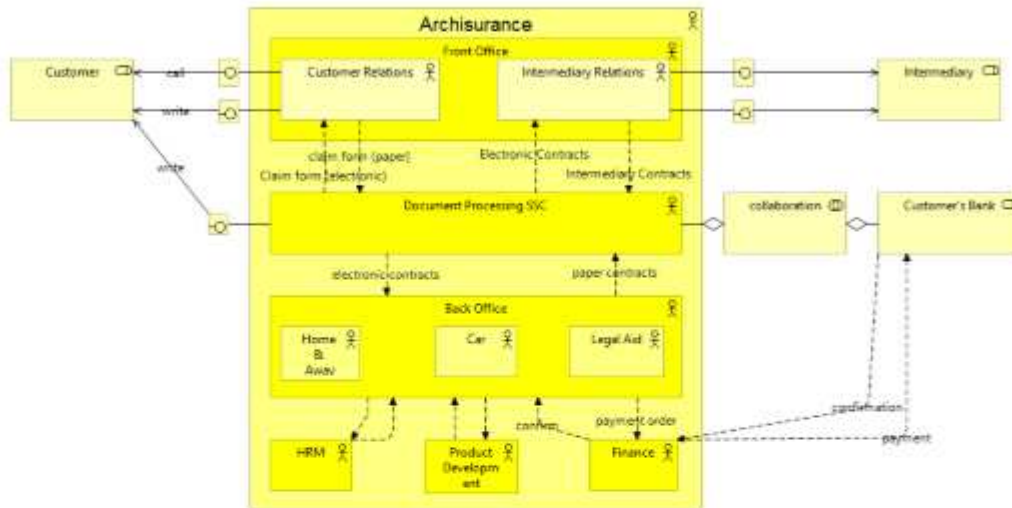
## Output

The following is an example of a PDF format report:

## Views

### Actor Cooperation view

No viewpoint



### Elements

Element	Type
Archisurance	Business Actor
Back Office	Business Actor
Car	Business Actor
collaboration	Business Collaboration
Customer	Business Role
Customer Relations	Business Actor
Customer's Bank	Business Role
Document Processing SSC	Business Actor
e-mail	Business Interface
Finance	Business Actor
Front Office	Business Actor
GIM	Business Interface
Home & Away	Business Actor
HRM	Business Actor
Intermediary	Business Role
Intermediary Relations	Business Actor
Legal Aid	Business Actor
mail	Business Interface
phone	Business Interface
phone	Business Interface
Product Development	Business Actor

Archisurance

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Part of a Generated Jasper Report in PDF format