



Subreports

ReportMill Subreports User Guide

Sometimes it is useful for a report to have an element that references and effectively embeds another template. This is accomplished easily using the Subreport component.

Note that many reporting tools need such a feature to nest tables, but ReportMill accomplishes that easily with Table Groups, without the need for separate external templates (though Subreports are an option for nested tables as well).

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Subreports

Overview

Subreports are a powerful feature that let you import a separate external template into a master template. This can be useful for situations where multiple templates wish to include the same header or footer. The header or footer can be designed as a separate template, then referenced by other templates.

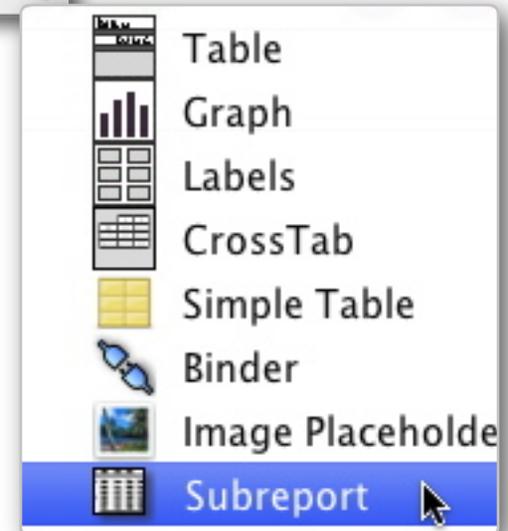
Adding a Subreport

To add a subreport, simply click the Add Shapes button in the toolbar and select the Subreport menu item. This will add an empty subreport template to the document. Simply position and size this to cover the region of the page that you want to be filled with an imported document.



Subreport Template Component

Add Shapes Button in ToolBar



Add Shapes Menu

Subreports

Configuring a Subreport

To configure a subreport, simply enter the name of a template, ideally one that has been saved in the same directory as the current template. The subreport name can also be a path.

Once a subreport component has been configured with a template, it will be painted with the contents of that template. Again it can be sized and positioned.





Subreports

Resolving Referenced Subreports

By default, ReportMill documents know how to resolve templates that are found in the filesystem. If instead your templates are loaded from inputstreams or other more obscure sources, you can override the RMDocument getSubreport method to add support for any template retrieval mechanism.

```
// Load template from File, String path, input stream, etc.
RMDocument template = new RMDocument(aSource) {

    /**
     * Override for custom subreport resolution.
     */
    public RMDocument getSubreport(String aName)
    {
        return new RMDocument(getInputStream(aName));
    }
}
```

The screenshot shows a preview window titled "SubreportTest.rpt (Previewing)". The report content includes a logo with a globe and the word "Logo" in purple. Below the logo are three tables of movie data:

Miramax Films				2 Movies
Title	Date Released	Revenue	% Total	Running Total
1. Pulp Fiction	Nov 10, 1994	\$ 47,700,000	91.71%	\$ 47,700,000
2. Priest	Apr 13, 1995	\$ 4,310,000	8.29%	\$ 52,010,000
Total:				\$ 52,010,000

Columbia Pictures				6 Movies
Title	Date Released	Revenue	% Total	Running Total
1. When Harry Met Sally	Jan 03, 1989	\$ 26,400,000	93.29%	\$ 26,400,000
2. Little Women	<NA>	\$ 600,000	2.12%	\$ 27,000,000
3. Tootsie	Nov 10, 1982	\$ 600,000	2.12%	\$ 27,600,000
4. The Last Picture Show	Nov 10, 1971	\$ 400,000	1.41%	\$ 28,000,000
5. M	Dec 28, 1931	\$ 200,000	0.71%	\$ 28,200,000
6. Taxi Driver	Nov 10, 1976	\$ 100,000	0.35%	\$ 28,300,000
Total:				\$ 28,300,000

Paramount Pictures				7 Movies
Title	Date Released	Revenue	% Total	Running Total
1. Raiders of the Lost Ark	Dec 26, 1981	\$ 14,400,000	78.73%	\$ 14,400,000
2. The Untouchables	Jan 03, 1987	\$ 1,390,000	7.60%	\$ 15,790,000
3. Once Upon a Time in the West	Nov 10, 1969	\$ 800,000	4.37%	\$ 16,590,000
4. Bis ans Ende der Welt [Until the End of the World]	Jan 03, 1991	\$ 500,000	2.73%	\$ 17,090,000
5. Chinatown	Jan 03, 1974	\$ 500,000	2.73%	\$ 17,590,000
6. Lotta	Dec 28, 1962	\$ 400,000	2.19%	\$ 17,990,000
7. The Godfather	Dec 28, 1972	\$ 300,000	1.64%	\$ 18,290,000
Total:				\$ 18,290,000

At the bottom of the report is a logo for ReportMill with the text "You too could be using! REPORTMILL".