



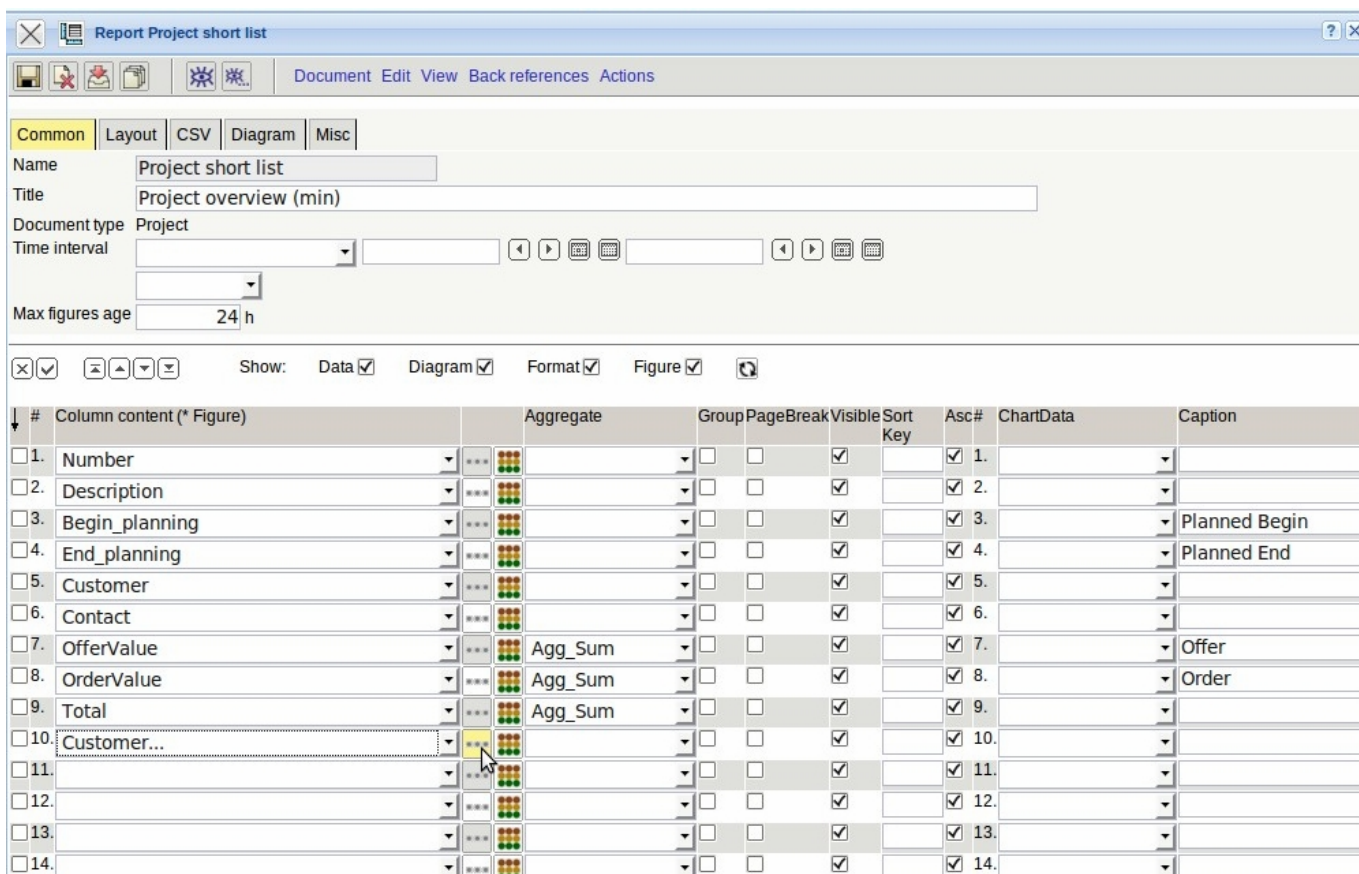
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# 3.06 Reportgenerator "ReportMaker" (Fortsetzung)

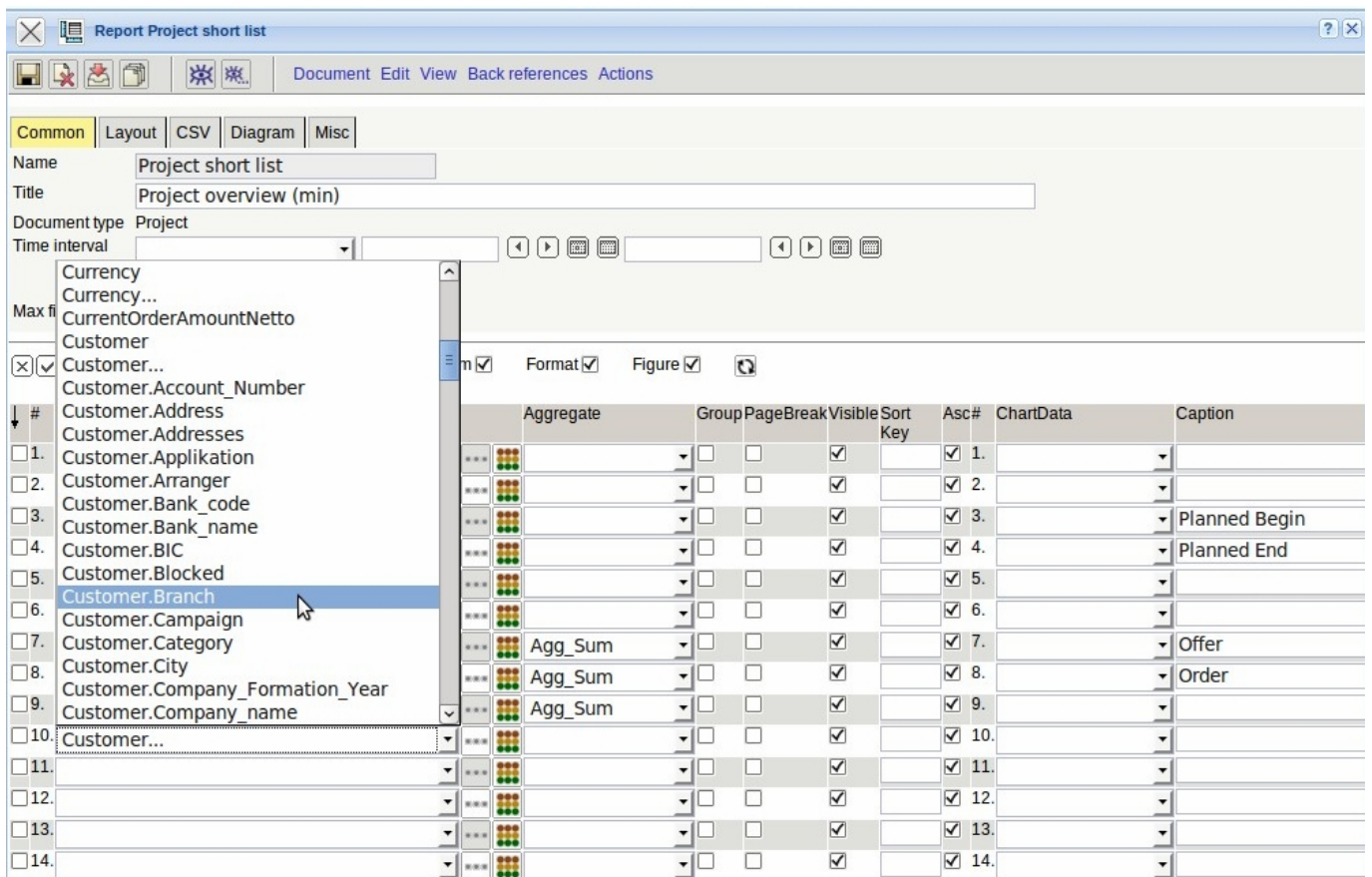
## Functions of the ReportDesigner

The following example expanded functionalities of the designer are defined with the help of "project short list".

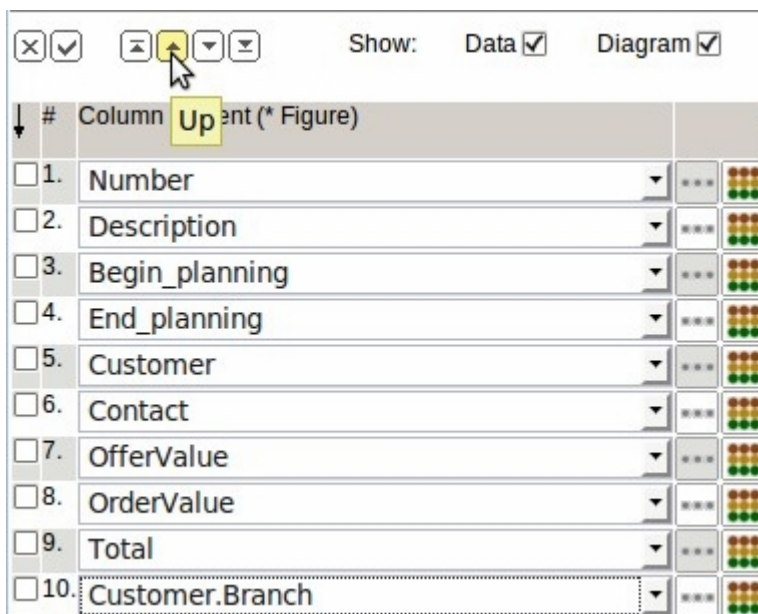
First, a new element for the report is created by using . In the selection list 'column content', referenced elements are available, depending on the document type. In the example for the project report the document type project is selected. The element customer, which is extracted from the customer system. These links can also be used in the ReportMaker. If a field within the selection box contains "...", the functionality  can be used to select the available elements of the linked document.



In the example, in addition to the customer of the projects, the associated branch is also displayed.



Then the field can be reordered. The field is moved to the top using 'up' (several times) ...



... until the desired position is reached.

By using the functionality  formulas can be used.

#	Column content (* Figure)	
<input type="checkbox"/> 1.	Number	...
<input type="checkbox"/> 2.	Description	...
<input type="checkbox"/> 3.	Begin_planning	...
<input type="checkbox"/> 4.	End_planning	...
<input type="checkbox"/> 5.	Customer	...
<input checked="" type="checkbox"/> 6.	Customer.Branch	...
<input type="checkbox"/> 7.	Contact	...
<input type="checkbox"/> 8.	OfferValue	...
<input type="checkbox"/> 9.	OrderValue	...
<input type="checkbox"/> 10.	Total	...
<input type="checkbox"/> 11.	(Formula)	...
<input type="checkbox"/> 12.		...

Then the appropriate input field is opened, in which the formula is defined.

11. (Formula) ...

Within the formula all basic operations can be used (+,-,\*,/). When defining the formulas, the correct spelling should be considered (case sensitivity as well). In the example, a new field with the name 'difference' has been created, which is evaluated from the fields planned effort - actual effort and they should be added up (aggregate function).

Report Project short list

Document Edit View Back references Actions

Save the document | Diagram | Misc

Name: Project short list  
Title: Project overview (min)  
Document type: Project  
Time interval: [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Max figures age: 24 h

Show: Data  Diagram  Format  Figure

#	Column content (* Figure)	Aggregate	Group	PageBreak	Visible	Sort Key	Asc#	ChartData	Caption
<input type="checkbox"/> 1.	Number				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 1.		
<input type="checkbox"/> 2.	Description				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 2.		
<input type="checkbox"/> 3.	Begin_planning				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 3.		Planned Begin
<input type="checkbox"/> 4.	End_planning				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 4.		Planned End
<input type="checkbox"/> 5.	Customer		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/> 5.		
<input type="checkbox"/> 6.	Customer.Branch				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 6.		
<input type="checkbox"/> 7.	Contact				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 7.		
<input type="checkbox"/> 8.	OfferValue	Agg_Sum			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 8.		Offer
<input type="checkbox"/> 9.	Actual_time_spent *				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 9.		Actual Time
<input type="checkbox"/> 10.	Planned_time *				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 10.		Plan Time
<input type="checkbox"/> 11.	Total	Agg_Sum			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 11.		
<input type="checkbox"/> 12.	(Formula)				<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> 12.		Difference

(Planned\_time - Actual\_time\_spent)

After saving the report, the formula for the internationalization of the report will be reformatted. The new field “difference” is then shifted two positions upward.

The screenshot shows the 'Report Project short list' window. The configuration includes:

- Name: Project short list
- Title: Project overview (min)
- Document type: Project
- Max figures age: 24 h

The table configuration is as follows:

#	Column	Unit (* Figure)	Aggregate	Group	PageBreak	Visible	Sort Key	Asc#	ChartData	Caption
<input type="checkbox"/>	1.	Number		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	1.	
<input type="checkbox"/>	2.	Description		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	2.	
<input type="checkbox"/>	3.	Begin_planning		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	3.	Planned Begin
<input type="checkbox"/>	4.	End_planning		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	4.	Planned End
<input type="checkbox"/>	5.	Customer		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	5.	
<input type="checkbox"/>	6.	Customer.Branch		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	6.	
<input type="checkbox"/>	7.	Contact		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	7.	
<input type="checkbox"/>	8.	OfferValue	Agg_Sum	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	8.	Offer
<input type="checkbox"/>	9.	Actual_time_spent *		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	9.	Actual Time
<input type="checkbox"/>	10.	Planned_time *		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	10.	Plan Time
<input type="checkbox"/>	11.	Total	Agg_Sum	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	11.	
<input checked="" type="checkbox"/>	12.	(Formula)		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	12.	Difference

The formula for row 12 is: (Planned\_time - Actual\_time\_spent)

Afterwards, it is sorted and grouped by “customer”.

The screenshot shows the 'Report Project short list' window with the following configuration:

- Name: Project short list
- Title: Project overview (min)
- Document type: Project
- Time interval: [Dropdown]
- Max figures age: 24 h
- Show: Data  Diagram  Format  Figure

#	Column content (* Figure)	Aggregate	Group	PageBreak	Visible	Sort Key	Asc#	ChartData	Caption
<input type="checkbox"/> 1.	Number		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	1.	
<input type="checkbox"/> 2.	Description		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	2.	
<input type="checkbox"/> 3.	Begin_planning		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	3.	Planned Begin
<input type="checkbox"/> 4.	End_planning		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	4.	Planned End
<input type="checkbox"/> 5.	Customer		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	5.	
<input type="checkbox"/> 6.	Customer.Branch		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	6.	
<input type="checkbox"/> 7.	Contact		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	7.	
<input type="checkbox"/> 8.	OfferValue	Agg_Sum	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	8.	Offer
<input type="checkbox"/> 9.	Actual_time_spent *		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	9.	Actual Time
<input type="checkbox"/> 10.	Planned_time *		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	10.	Plan Time
<input checked="" type="checkbox"/> 11.	(Formula)		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	11.	Difference
(Planned_time - Actual_time_spent)									
<input type="checkbox"/> 12.	Total	Agg_Sum	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	12.	
<input type="checkbox"/> 13.			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	13.	

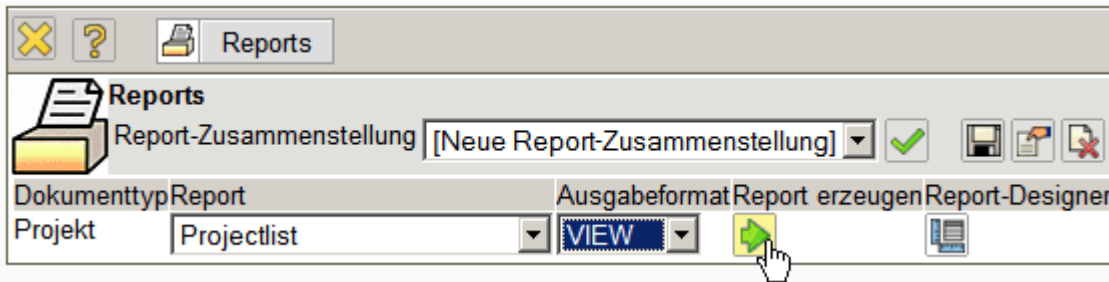
The example report can be directly used after saving...

This screenshot shows the same window as above, but with the 'Save the document' button highlighted in yellow, indicating the next step in the process.

... and closing it ...

This screenshot shows the 'Report Projectlist' window. The close button (represented by a yellow 'X' icon) is highlighted with a mouse cursor, indicating the final step of closing the report.

... and then displays ...



... the following chart with all parent projects sorted by "customer":

Nummer	Bezeichnung	Plan-Beginn	Plan-Ende	Kunde	Branche	Plan-Aufwand	Ist-Aufwand	Differenz	Angebot	Rechnung
106	Einführung Projectile	23.10.2006	19.12.2006	Airbus Deutschland GmbH	Sonstiges	328,00	90,75	237,25	51.720,00	7.235,00
				Airbus Deutschland GmbH		328,00	90,75	237,25	51.720,00	7.235,00
BMW06	Implementation TransportManager	15.12.2005	13.05.2006	BMW AG	Automotive	272,00	102,00	170,00	38.660,00	6.494,31
BMW03	SAP Add-ons BMW	19.04.2005	12.05.2005	BMW AG	Automotive	116,00	178,75	-62,75	19.560,00	25.360,00
93	RM-Modul	02.01.2007	19.02.2007	BMW AG	Automotive	240,00	0,00	240,00	0,00	0,00
				BMW AG		628,00	280,75	347,25	58.220,00	31.854,31
CS07	Einführung Projectile	19.06.2006	09.08.2006	CONSULT Holding	Beratung	170,00	228,25	-58,25	28.320,00	29.505,51
92	QM-Modul	05.12.2006	26.01.2007	CONSULT Holding	Beratung	240,00	196,00	44,00	48.876,00	0,00
				CONSULT Holding		410,00	424,25	-14,25	77.196,00	29.505,51
100	Einführung Fibu	22.12.2006	02.02.2007	Jökler Software GmbH	Software	168,00	10,50	157,50	0,00	0,00
				Jökler Software GmbH		168,00	10,50	157,50	0,00	0,00
VF09	Einführung Projectile	13.03.2006	06.06.2006	Vattenfall Europe	Sonstiges	168,00	242,75	-74,75	0,00	0,00
DS09	Einführung Risikomanagement	16.01.2006	05.05.2006	Vattenfall Europe	Sonstiges	164,00	122,50	41,50	26.940,00	0,00
				Vattenfall Europe		332,00	365,25	-33,25	26.940,00	0,00
				Summe		1.866,00	1.171,50	694,50	214.076,00	68.594,82

... continued

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