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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 List".

First, a new element for the report is created by using . In the selection list 'column contents', reference elements are available, depending on the document type. In the example for the project report the document type project is selected. The element applicant, who is pulled out of the contact system. These links can also be used in the ReportMaker. If a field within the selection box "..." may contain, you can select by using the functionality the available elements of the linked document.

# Spalteninhalt (* Kennzahl)	Aggregatfunktion	Gruppe	Sichtbar	Sortierung	Aufsteig. #	Diagramm	Caption	Zahlenformat	Breite %	Periodisch
1. Nummer	✓		✓	1.	...			Keine
2. Bezeichnung	✓		✓	2.	...			Keine
3. Plan-Beginn	✓		✓	3.	...			Keine
4. Plan-Ende	✓		✓	4.	...			Keine
5. Auftraggeber	✓		✓	5.	Kunde			Keine
6. Plan-Aufwand	...	1-Summe	✓		✓	6.	...			Keine
7. Ist-Aufwand	...	1-Summe	✓		✓	7.	...			Keine
8. Angebotswert	...	1-Summe	✓		✓	8.	Angebot			Keine
9. Rechnungsbetrag	...	1-Summe	✓		✓	9.	Rechnung			Keine
10. Auftraggeber...	✓		✓	10.	...			Keine
11.	✓		✓	11.	...			Keine

In the example, in addition to the applicant of the projects the belonging branch should also be displayed.

The screenshot shows the 'Report Projectlist' configuration window. On the left, a tree view lists various fields under 'Allgemein' (General), including 'Auftraggeber...' and 'Auftraggeber.Branche'. The 'Auftraggeber.Branche' field is currently selected and highlighted with a blue border. To the right, there are two main panels: 'Ansicht Aktionen' (View Actions) at the top and 'Ansicht' (View) below it. The 'Ansicht' panel contains a table with 10 rows, each representing a different aggregation function for the 'Auftraggeber' field. The columns include 'Aggregatfunktion' (Aggregation Function), 'Gruppe' (Group), 'Sichtbar' (Visible), 'Sortierung' (Sorting), 'Aufsteig. #', 'Diagramm' (Diagram), 'Caption' (Caption), 'Zahlenformat' (Number Format), 'Breite' (Width), and 'Periodisch' (Periodic). The 'Caption' column for row 10 shows 'Auftraggeber...'.

Then the field will be reordered. For this the field with 'Up' (several times) is moved to the top ...

This screenshot shows the 'Spalteninhalt (* Kennzahl)' (Column Content) configuration table. It lists 10 columns, each with a checkbox and a dropdown menu. The columns are numbered 1 through 10. The last column, '10. Auftraggeber.Branche', has its 'Up' button () highlighted with a yellow background, indicating it is being moved up. The other columns are numbered 1 through 9.

... until the desired position is reached.

By using the functionality formulas can be used.



#	Spalteninhalt (* Kennzahl)			
<input type="checkbox"/> 1.	Nummer	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 2.	Bezeichnung	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 3.	Plan-Beginn	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 4.	Plan-Ende	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 5.	Auftraggeber	...	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/> 6.	Auftraggeber.Branche	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 7.	Plan-Aufwand	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 8.	Ist-Aufwand	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 9.	Angebotswert	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 10.	Rechnungsbetrag	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 11.	(Formel)	...	<input checked="" type="checkbox"/>	
<input type="checkbox"/> 12.		...	<input type="checkbox"/>	

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

<input type="checkbox"/> 11. (Formel)	<input type="checkbox"/>	
<input type="text"/>		

Within the formula all basic operations can be used (+,-,*,/). But in the definition of the formulas you must always respect the correct spelling (case sensitivity as well) In the example, a new field with the name 'difference' has to be created, which is evaluated from the fields planned effort - actual effort and they should be added up (aggregate function).

Report Projectlist													
<input type="button"/> Dokument Bearbeiten Ansicht Aktionen													
Allgemein Layout CSV Diagramm Sonstiges													
Name	Projectlist												
Titel	Projektübersicht												
Dokumenttyp	Projekt <input checked="" type="checkbox"/>												
Zeitintervall	<input type="button"/> <input checked="" type="checkbox"/> <input type="button"/>												
Maximales Alter der Kennzahlen	24 h												
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>													
#	Spalteninhalt (* Kennzahl)	Aggregatfunktion	Gruppe	Sichtbar	Sortierung	Aufsteig.	#	Diagramm	Caption	Zahlenformat	Breite	%	Periodisch
<input type="checkbox"/> 1.	Nummer	...	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	1.	<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 2.	Bezeichnung	...	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	2.	<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 3.	Plan-Beginn	...	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	3.	<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 4.	Plan-Ende	...	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	4.	<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 5.	Auftraggeber	...	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	5.	<input type="button"/>	Kunde				<input type="checkbox"/>
<input checked="" type="checkbox"/> 6.	Auftraggeber.Branche	...	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	6.	<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 7.	Plan-Aufwand	...	<input checked="" type="checkbox"/>		1-Summe	<input type="checkbox"/>		<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 8.	Ist-Aufwand	...	<input checked="" type="checkbox"/>		1-Summe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button"/>					<input type="checkbox"/>
<input type="checkbox"/> 9.	Angebotswert	...	<input checked="" type="checkbox"/>		1-Summe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button"/>	Angebot				<input type="checkbox"/>
<input type="checkbox"/> 10.	Rechnungsbetrag	...	<input checked="" type="checkbox"/>		1-Summe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button"/>	Rechnung				<input type="checkbox"/>
<input type="checkbox"/> 11.	(Formel)	...	<input checked="" type="checkbox"/>		1-Summe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button"/>	Differenz				<input type="checkbox"/>
<input type="text"/> Plan-Aufwand - Ist-Aufwand													

Nach dem Speichern wird die Formel für die Internationalisierung des Reports umformatiert. Das neue Feld "Differenz" wird dann zwei Positionen nach oben verschoben.

The screenshot shows the 'Report Projectlist' configuration interface. The 'Allgemein' tab is selected. The 'Name' field contains 'Projectlist'. The 'Titel' field contains 'Projektübersicht'. The 'Dokumenttyp' dropdown is set to 'Projekt'. The 'Zeitintervall' dropdown has '24 h' selected. The 'Maximales Alter der Kennzahlen' dropdown also has '24 h' selected. Below these settings is a large table for column configuration. The table has columns for Spalteninhalt (* Kennzahl), Aggregatfunktion, Gruppe, Sichtbar, Sortierung, Aufsteig, Diagramm, Caption, Zahlenformat, Breite %, and Periodisch. Rows represent different fields like Nummer, Bezeichnung, Plan-Beginn, etc., up to row 11 which is a formula '(Plan-Aufwand - Ist-Aufwand)'. Row 6 is highlighted with yellow, and row 9 is also highlighted with yellow.

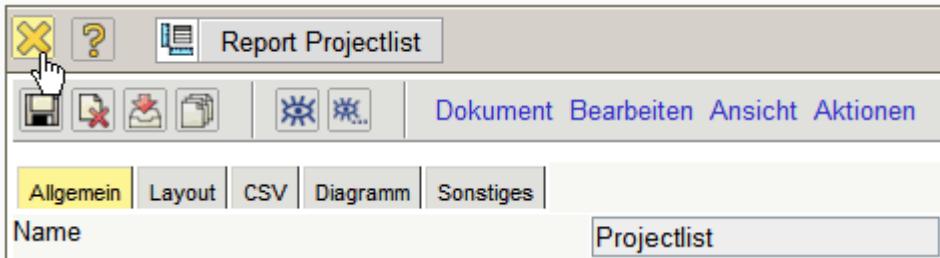
Anschließend wird noch nach Auftraggeber sortiert und gruppiert.

This screenshot is identical to the one above, showing the 'Report Projectlist' configuration interface with the 'Allgemein' tab selected. The settings are the same: Name 'Projectlist', Titel 'Projektübersicht', Dokumenttyp 'Projekt', Zeitintervall '24 h', and Maximales Alter der Kennzahlen '24 h'. The column configuration table is shown again, with row 9 highlighted in yellow. The formula '(Plan-Aufwand - Ist-Aufwand)' is listed in row 11.

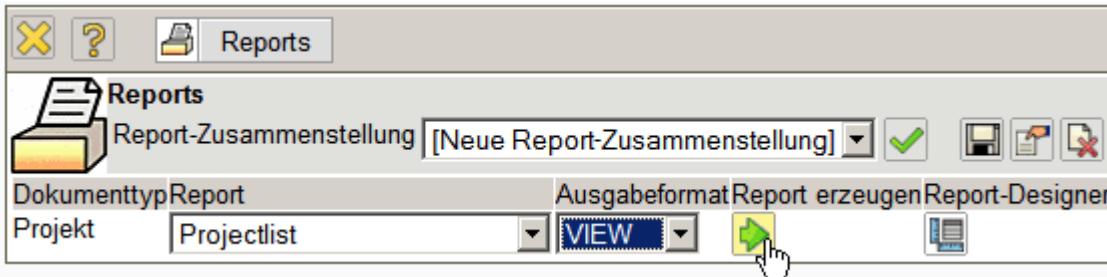
Der Beispielreport kann nach dem Abspeichern ...

This screenshot shows the 'Report Projectlist' configuration interface with the 'Allgemein' tab selected. The 'Name' field is set to 'Projectlist'. Below the tabs, there are icons for document, delete, save, and search. The 'Layout' tab is currently active. The 'Dokument' tab is also visible.

... und Schließen ...



... direkt verwendet werden ...



... und liefert dann über alle, nach Kunden sortierten, Hauptprojekten folgende Auswertung:

Projektübersicht												
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	Jöckler Software GmbH	Software	168,00	10,50	157,50	0,00	0,00		
				Jöckler 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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