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3.06 Reportgenerator "ReportMaker" (Fortsetzung)

Functions of the ReportDesigners (continued)

Next, the field 'status' is loaded and rearranged.

The screenshot shows the 'Report Project short list' interface. At the top, there are tabs for Common, Layout, CSV, Diagram, and Misc, with 'Common' selected. Below the tabs, there are fields for Name (Project short list), Title (Project overview (min)), Document type (Project), Time interval (with a date range selector), and Max figures age (24 h). Below these settings is a toolbar with various icons for filtering and sorting. The main area is a table with columns for #, Column content (* Figure), Aggregate, Group, PageBreak, Visible, Sort Key, Asc#, ChartData, and Caption. The rows represent project items numbered 1 to 13. Row 13, 'Status', has a yellow background. A mouse cursor is hovering over the 'Visible' checkbox for row 13. The table also includes a formula row '(Planned_time - Actual_time_spent)' and a total row 'Total'.

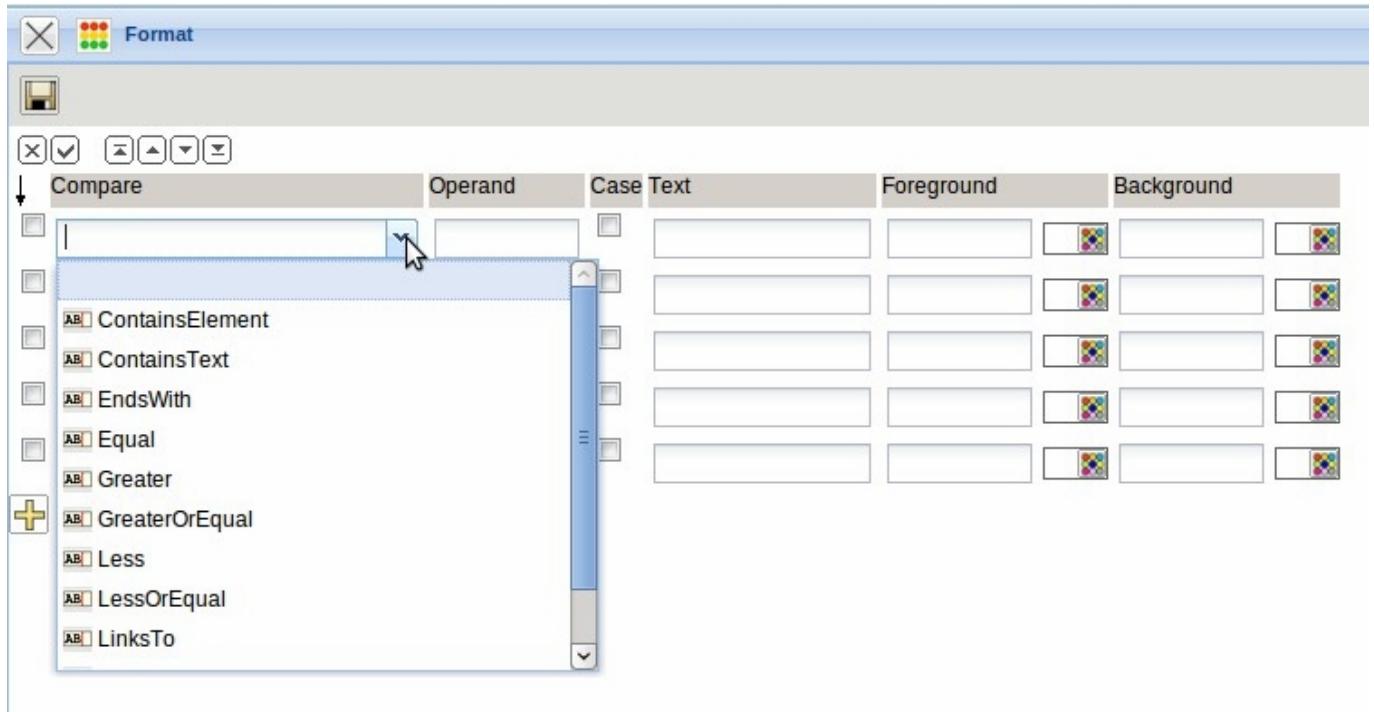
#	Column content (* Figure)	Aggregate	Group	PageBreak	Visible	Sort Key	Asc#	ChartData	Caption
1.	Number	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	1.	
2.	Description	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	2.	
3.	Begin_planning	<input checked=""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

This field should be highlighted in color with the defined entries using value-based formatting .

This screenshot shows the same table as the previous one, but the 'Status' row (row 13) is highlighted with a yellow background. The 'Visible' checkbox for row 13 is checked. The rest of the table and its structure remain the same.

#	Column content (* Figure)	Aggregate
1.	Number	...
2.	Description	...
3.	Status	...
4.	Begin_planning	...
5.	End_planning	...
6.	Customer	...

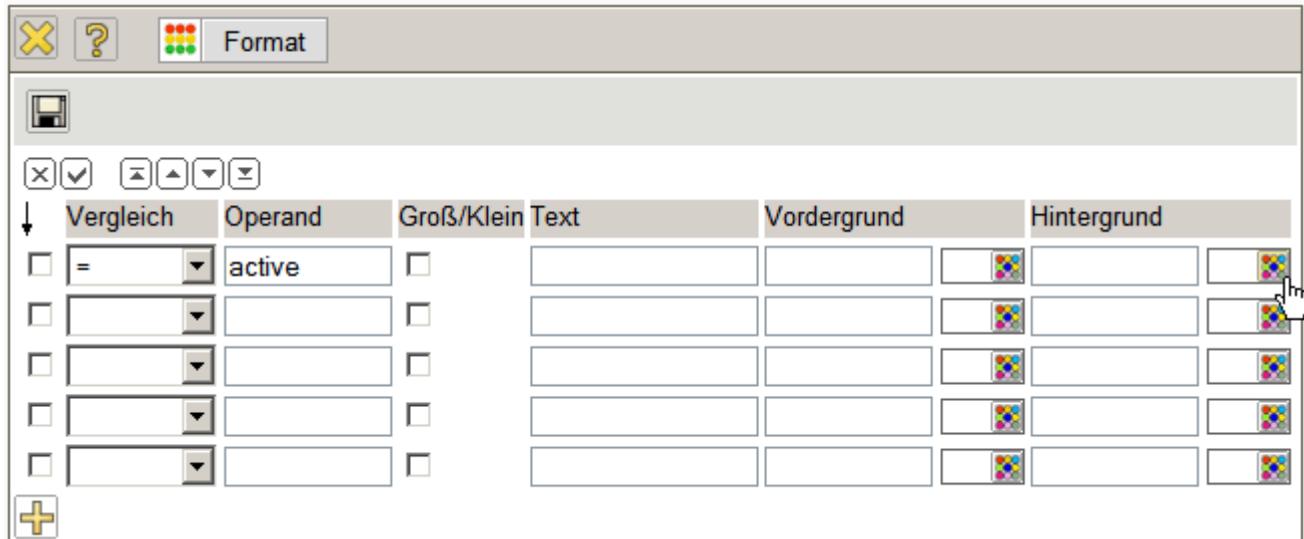
The comparison operators and the operand can be adjusted in the field “Compare” in the format dialog. The values can either be implemented textual (TEXT) or by color (foreground or background color).



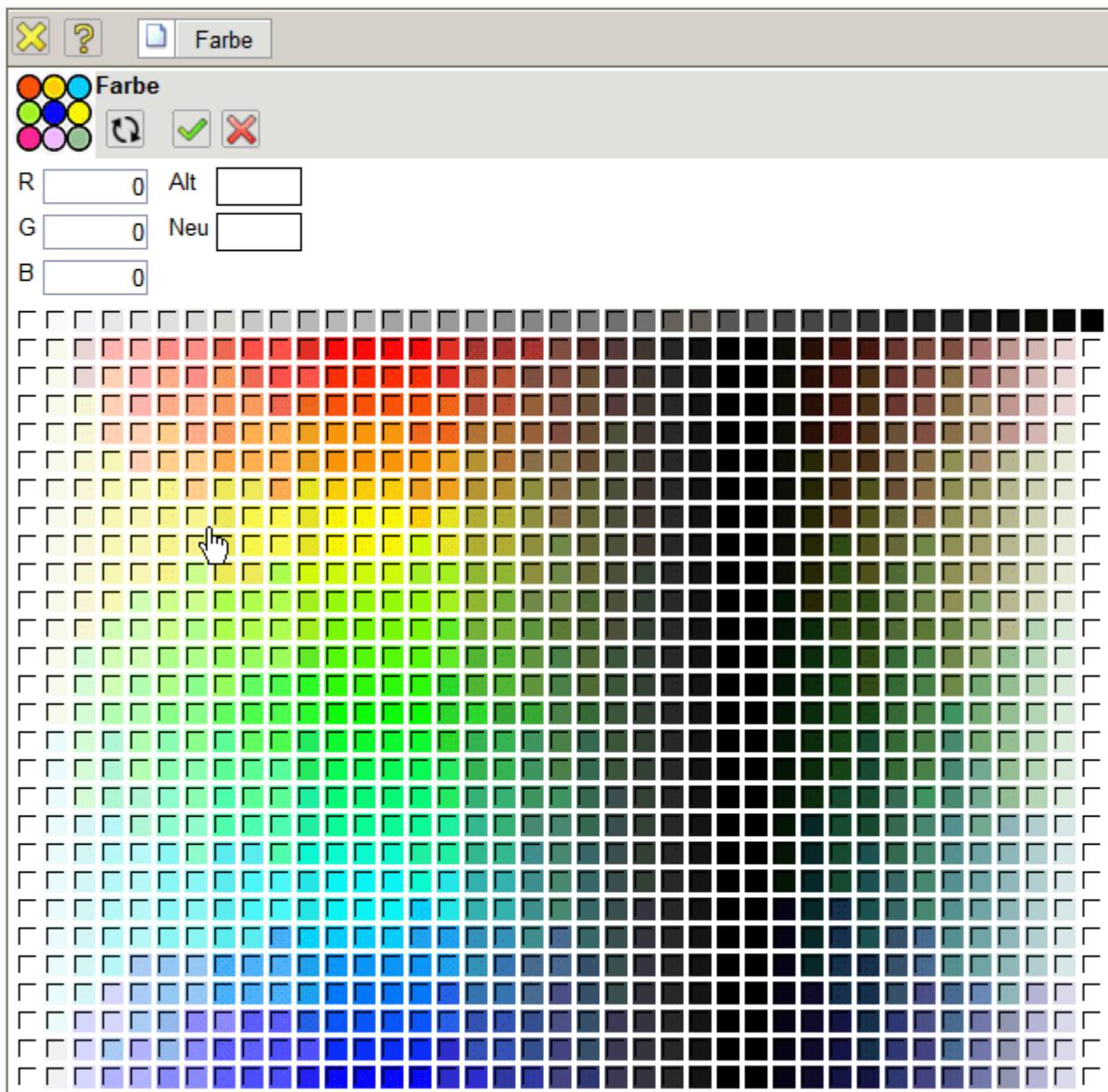
The following comparison operators are currently supported:

No.	Operator	Description
1	!=	Check field content for inequality
2	*~	Check, whether the field content ends with the value
3	>	Check, whether field content is greater than the value
4	>=	Check, whether field content is greater or equal to the value
5	=	Check field content for equality
6	<	Check, whether field content is smaller than the value
7	< =	Check, whether field content is smaller or equal to the value
8	contains	Field contains a multiple selection
9	~	Check, whether field content contains the value
10	~*	Check, whether the field content starts with the value

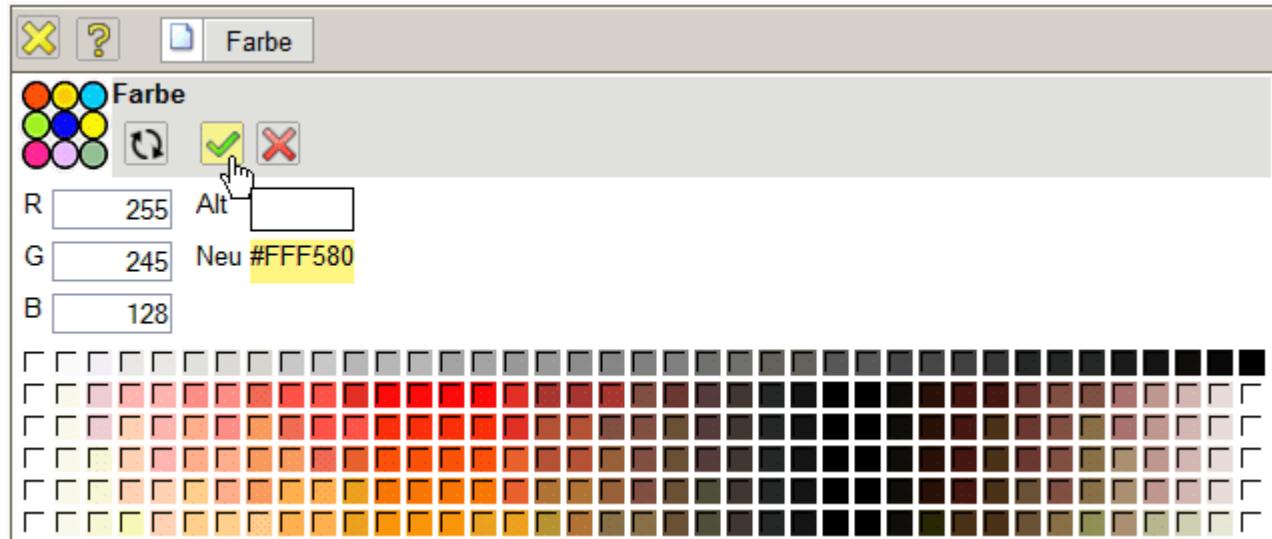
The example for the field 'status' the value "active" (internal active) with yellow background is realized and the value "passive" (internal passive) with red background color.



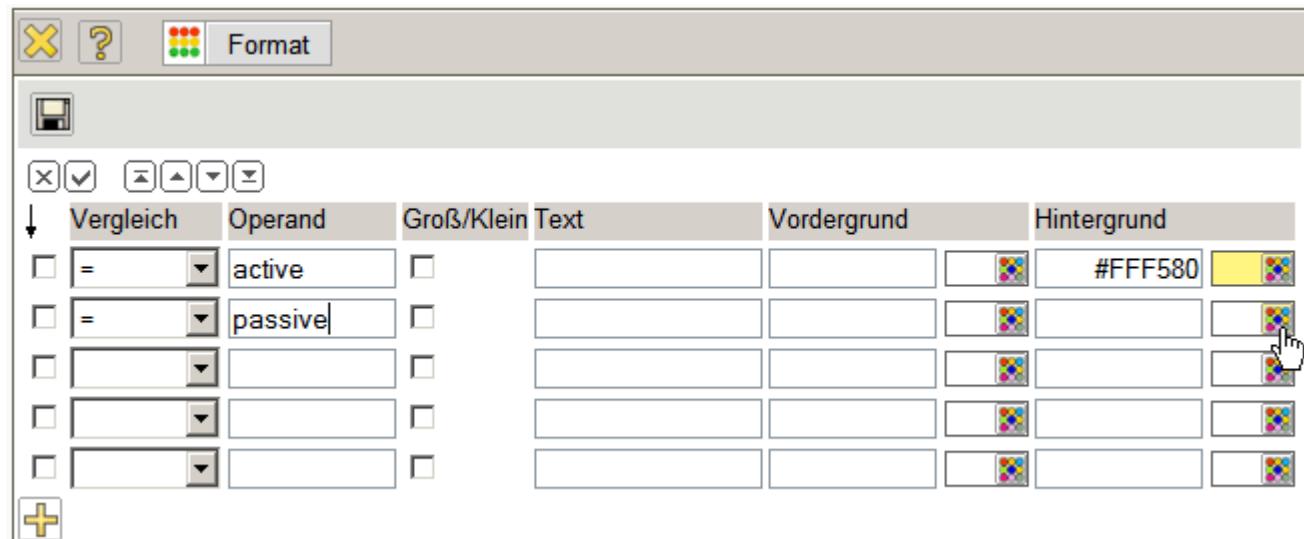
The desired color can be selected from the ...



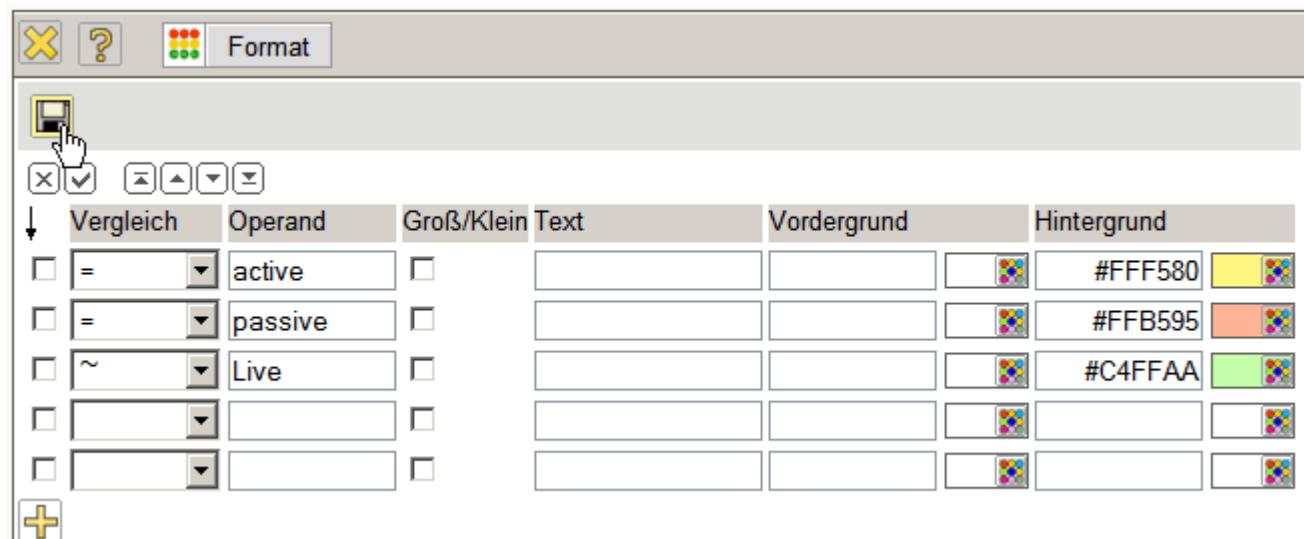
... the color palette ...



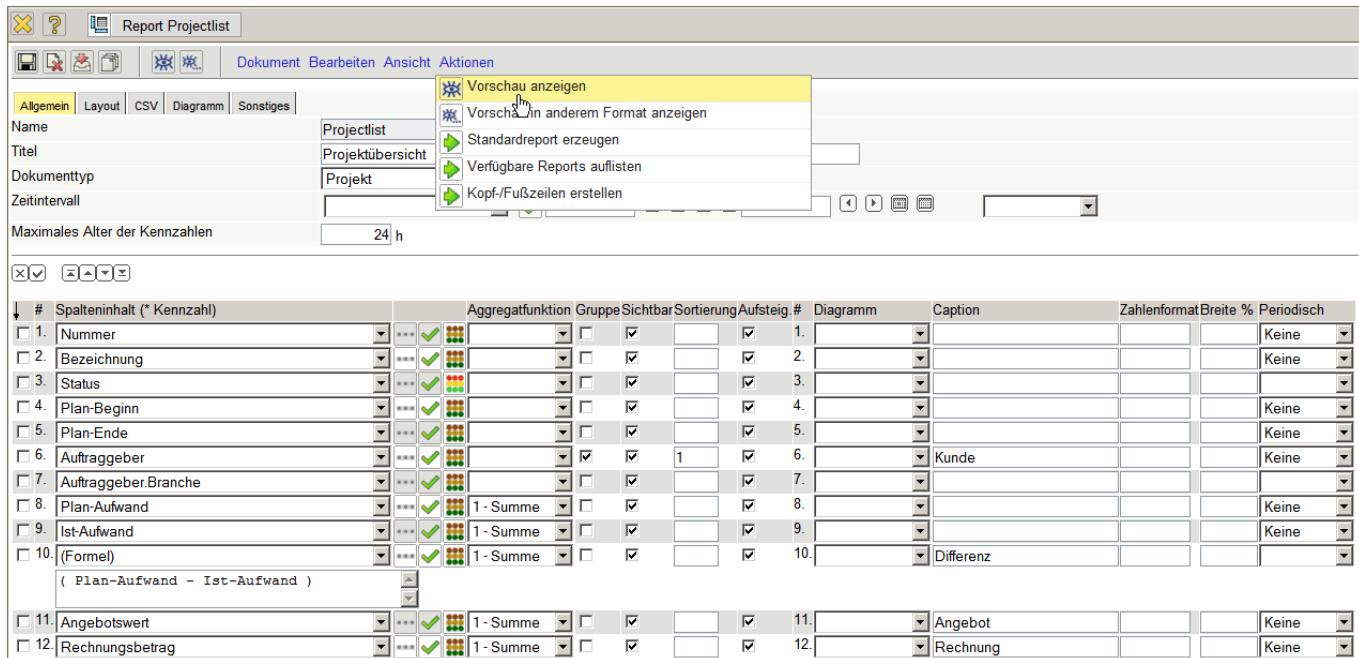
... and related (here for active and passive).



All status information, which include the value "Live" will be implemented with a green background color (all projects, which are completed).



After saving and closing the dialog, dialog can be done using the action "Show preview" of the ...



... Report.

Projektübersicht												
Nummer	Bezeichnung	Status	Plan-Beginn	Plan-Ende	Kunde	Branche	Plan-Aufwand	Ist-Aufwand	Differenz	Angebot	Rechnung	
110	Einführung Projectile	offenes Angebot	15.01.2007	21.02.2007	Airbus Deutschland GmbH	Sonstiges	168,00	0,00	168,00	34.120,00	0,00	
106	Einführung Projectile	Vorleistung	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		496,00	90,75	405,25	85.840,00	7.235,00	
BMW06	Implementation TransportManager	aktiv	15.12.2005	13.05.2006	BMW AG	Automotive	272,00	102,00	170,00	38.660,00	6.494,31	
93	RM-Modul	aktiv	02.01.2007	19.02.2007	BMW AG	Automotive	240,00	0,00	240,00	0,00	0,00	
BMW03	SAP Add-ons BMW	aktiv	19.04.2005	12.05.2005	BMW AG	Automotive	116,00	178,75	-62,75	19.560,00	25.360,00	
EK02	Implementation projectmanagement software	abgebrochen	04.10.2005	18.11.2005	BMW AG	Automotive	512,00	238,75	273,25	43.560,00	11.451,01	
					BMW AG		1.140,00	519,50	620,50	101.780,00	43.305,32	
105	Implementation Projectile	abgeschlossen	09.02.2004	05.03.2004	CONSULT Holding	Beratung	228,00	213,50	14,50	34.840,00	33.366,28	
111	Einführung Projectile	offenes Angebot	04.01.2007	01.03.2007	CONSULT Holding	Beratung	168,00	0,00	168,00	37.380,00	0,00	
92	QM-Modul	aktiv	05.12.2006	26.01.2007	CONSULT Holding	Beratung	240,00	196,00	44,00	48.876,00	0,00	
KKS	Einführung Projectile	passiv	10.07.2006	06.11.2006	CONSULT Holding	Beratung	232,00	0,00	232,00	0,00		
104	Einführung ABC	abgeschlossen	02.03.2004	05.03.2004	CONSULT Holding	Beratung	32,00	36,50	-4,50	0,00		
CS07	Einführung Projectile	aktiv	19.06.2006	09.08.2006	CONSULT Holding	Beratung	170,00	228,25	-58,25	28.320,00	29.505,51	
					CONSULT Holding		1.070,00	674,25	395,75	149.416,00	62.871,79	
NAV	Navision interface	abgeschlossen	15.03.2004	02.04.2004	Jöckler Software GmbH	Software	228,00	243,00	-15,00	25.120,00	25.120,00	
100	Einführung Fibu	aktiv	22.12.2006	02.02.2007	Jöckler Software GmbH	Software	168,00	10,50	157,50	0,00	0,00	
					Jöckler Software GmbH		396,00	253,50	142,50	25.120,00	25.120,00	
MM06	Einführung Projectile	passiv	24.08.2006	08.12.2006	Vattenfall Europe	Sonstiges	332,00	0,00	332,00	0,00	0,00	
VF09	Einführung Projectile	aktiv	13.03.2006	06.06.2006	Vattenfall Europe	Sonstiges	168,00	242,75	-74,75	0,00	0,00	
VF02	Customizing crm system	unterbrochen	23.09.2005	02.12.2005	Vattenfall Europe	Sonstiges	240,00	110,75	129,25	0,00	0,00	
DS09	Einführung Risikomanagement	aktiv	16.01.2006	05.05.2006	Vattenfall Europe	Sonstiges	164,00	122,50	41,50	26.940,00	0,00	
					Vattenfall Europe		904,00	476,00	428,00	26.940,00	0,00	
					Summe		4.006,00	2.014,00	1.992,00	389.096,00	138.532,11	

Afterwards some fields are rearranged in the report and by using of functionality a formula is defined. The new column 13 should be the result (residual value) from the difference in the offer value and the invoice amount and should be added up.

# Spalteninhalt (* Kennzahl)	Aggregatfunktion	Gruppe	Sichtbar	Sortierung	Aufsteig.	#	Diagramm	Caption	Zahlenformat	Breite	%	Periodisch
1. Nummer	✓	□	✓	✓	1.	...				Keine
2. Bezeichnung	✓	□	✓	✓	2.	...				Keine
3. Status	✓	□	✓	✓	3.
4. Auftraggeber	✓	✓	✓	✓	4.	Kunde				Keine
5. Auftraggeber.Branche	✓	□	✓	✓	5.
6. Plan-Beginn	✓	□	✓	✓	6.	...				Keine
7. Plan-Ende	✓	□	✓	✓	7.	...				Keine
8. Plan-Aufwand	✓	□	✓	✓	8.	...				Keine
9. Ist-Aufwand	✓	□	✓	✓	9.	...				Keine
10. (Formel)	✓	□	✓	✓	10.	Differenz				...
(Plan-Aufwand - Ist-Aufwand)												
11. Angebotswert	...	1 - Summe	✓	□	✓	✓	11.	Angebot				Keine
12. Rechnungsbetrag	...	1 - Summe	✓	□	✓	✓	12.	Rechnung				Keine
13. (Formel)	...	1 - Summe	✓	□	✓	✓	13.	Restwert	# ##0.0			...
(Angebotswert - Rechnungsbetrag)												

The two intermediate results (column 11 and 12) should not be listed in the report, therefore in these values can these values, the check boxes can be set “visibly” to false (not marked).

# Spalteninhalt (* Kennzahl)	Aggregatfunktion	Gruppe	Sichtbar	Sortierung	Aufsteig.	#	Diagramm	Caption	Zahlenformat	Breite	%	Periodisch
1. Nummer	✓	□	✓	✓	1.	...				Keine
2. Bezeichnung	✓	□	✓	✓	2.	...				Keine
3. Status	✓	□	✓	✓	3.
4. Auftraggeber	✓	✓	✓	✓	4.	Kunde				Keine
5. Auftraggeber.Branche	✓	□	✓	✓	5.
6. Plan-Beginn	✓	□	✓	✓	6.	...				Keine
7. Plan-Ende	✓	□	✓	✓	7.	...				Keine
8. Plan-Aufwand	✓	□	✓	✓	8.	...				Keine
9. Ist-Aufwand	✓	□	✓	✓	9.	...				Keine
10. (Formel)	✓	□	✓	✓	10.	Differenz				...
(Plan-Aufwand - Ist-Aufwand)												
11. Angebotswert	...	1 - Summe	✓	□	✓	✓	11.	Angebot				Keine
12. Rechnungsbetrag	...	1 - Summe	✓	□	✓	✓	12.	Rechnung				Keine
13. (Formel)	...	1 - Summe	✓	□	✓	✓	13.	Restwert	# ##0.0			...
(Angebotswert - Rechnungsbetrag)												

In the column number format a format for all numeric values can be enforced. In the example, enforces the notation #,##0.00 the thousands separator and two decimal places.

Projectlist											
Projektübersicht											
Nummer	Bezeichnung	Status	Kunde	Branche	Plan-Beginn	Plan-Ende	Plan-Aufwand	Ist-Aufwand	Differenz	Restwert	
105	Implementation Projectile	abgeschlossen	CONSULT Holding	Beratung	09.02.2004	05.03.2004	228,00	213,50	14,50	1.473,7	
111	Einführung Projectile	offenes Angebot	CONSULT Holding	Beratung	04.01.2007	01.03.2007	168,00	0,00	168,00	37.380,0	
92	QM-Modul	aktiv	CONSULT Holding	Beratung	05.12.2006	26.01.2007	240,00	196,00	44,00	48.876,0	
KKS	Einführung Projectile	passiv	CONSULT Holding	Beratung	10.07.2006	06.11.2006	232,00	0,00	232,00	0,0	
104	Einführung ABC	abgeschlossen	CONSULT Holding	Beratung	02.03.2004	05.03.2004	32,00	36,50	-4,50	0,0	
CS07	Einführung Projectile	aktiv	CONSULT Holding	Beratung	19.06.2006	09.08.2006	170,00	228,25	-58,25	-1.185,5	
			CONSULT Holding				1.070,00	674,25	395,75	86.544,2	
110	Einführung Projectile	offenes Angebot	Airbus Deutschland GmbH	Sonstiges	15.01.2007	21.02.2007	168,00	0,00	168,00	34.120,0	
106	Einführung Projectile	Vorleistung	Airbus Deutschland GmbH	Sonstiges	23.10.2006	19.12.2006	328,00	90,75	237,25	44.485,0	
			Airbus Deutschland GmbH				496,00	90,75	405,25	78.605,0	
NAV	Navision interface	abgeschlossen	Jöbler Software GmbH	Software	15.03.2004	02.04.2004	228,00	243,00	-15,00	0,0	
100	Einführung Fibu	aktiv	Jöbler Software GmbH	Software	22.12.2006	02.02.2007	168,00	10,50	157,50	0,0	
			Jöbler Software GmbH				396,00	253,50	142,50	0,0	
MM06	Einführung Projectile	passiv	Vattenfall Europe	Sonstiges	24.08.2006	08.12.2006	332,00	0,00	332,00	0,0	
VF09	Einführung Projectile	aktiv	Vattenfall Europe	Sonstiges	13.03.2006	06.06.2006	168,00	242,75	-74,75	0,0	
VF02	Customizing crm system	unterbrochen	Vattenfall Europe	Sonstiges	23.09.2005	02.12.2005	240,00	110,75	129,25	0,0	
DS09	Einführung Risikomanagement	aktiv	Vattenfall Europe	Sonstiges	16.01.2006	05.05.2006	164,00	122,50	41,50	26.940,0	
			Vattenfall Europe				904,00	476,00	428,00	26.940,0	
BMW06	Implementation TransportManager	aktiv	BMW AG	Automotive	15.12.2005	13.05.2006	272,00	102,00	170,00	32.165,7	
93	RM-Modul	aktiv	BMW AG	Automotive	02.01.2007	19.02.2007	240,00	0,00	240,00	0,0	
BMW03	SAP Add-ons BMW	aktiv	BMW AG	Automotive	19.04.2005	12.05.2005	116,00	178,75	-62,75	-5.800,0	
EK02	Implementation projectmanagement software	abgebrochen	BMW AG	Automotive	04.10.2005	18.11.2005	512,00	238,75	273,25	32.109,0	
			BMW AG				1.140,00	519,50	620,50	58.474,7	
			Summe				4.006,00	2.014,00	1.992,00	250.563,9	

Here, the thousands separator and decimal point are set only for the installation and are still dependent on the user language. When installed with the German language setting then a point is used as a thousands separator and as a decimal point a comma is used, even if the user language is English.

Further examples of formatting:

Number Format	Value	Implementation
#,##0.0000	1234,567	1.234,5670
#,##0.000	1234,567	1.234,567
#,##0.00	1234,567	1.234,57
#,##0.0	1234,567	1.234,6
#,##0	1234,567	1.235
####0	1234,567	1235
0.00%	0,234	23,40%

... continued

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