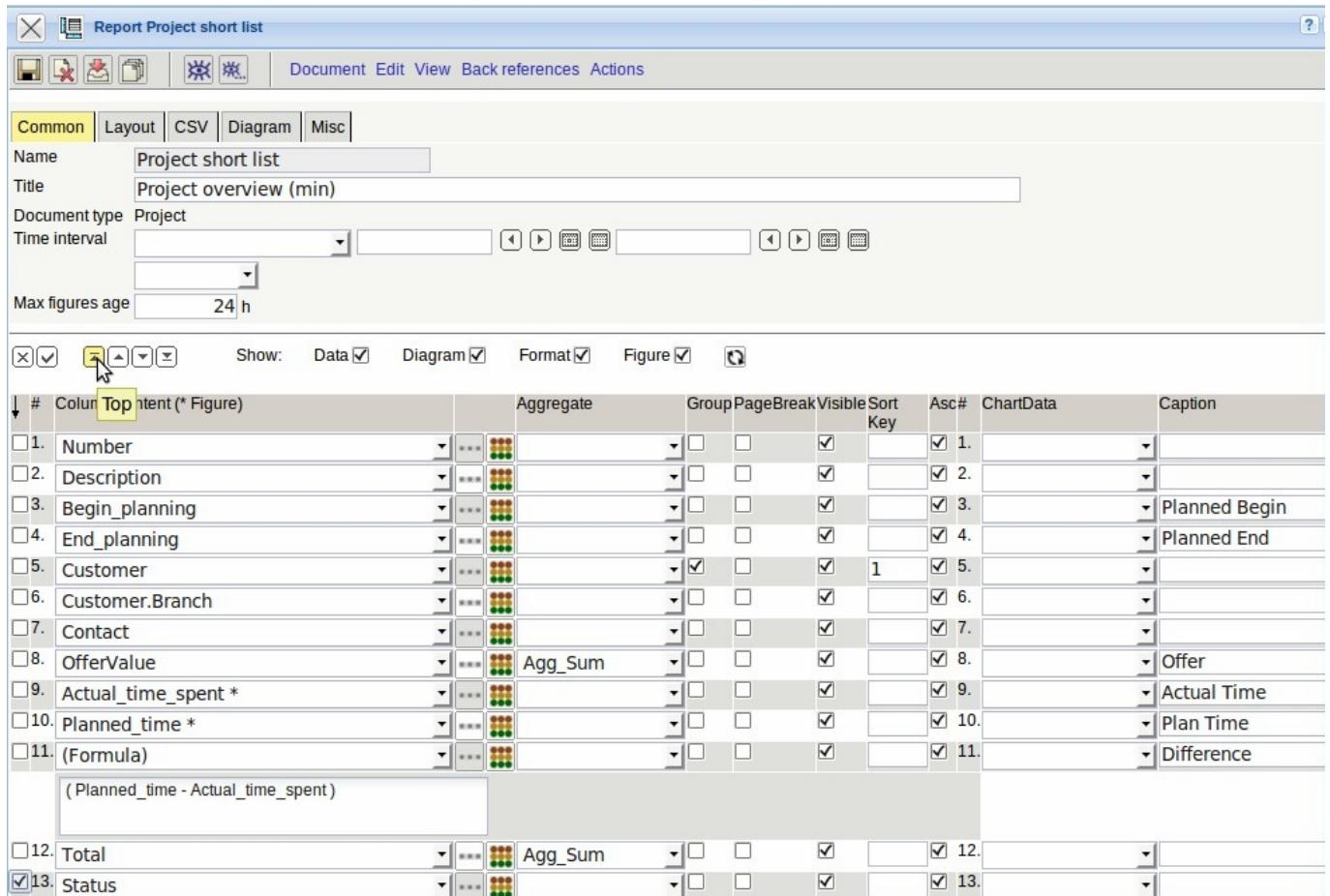


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3.06 Reportgenerator "ReportMaker" (Fortsetzung)

Functions of the ReportDesigners (continued)

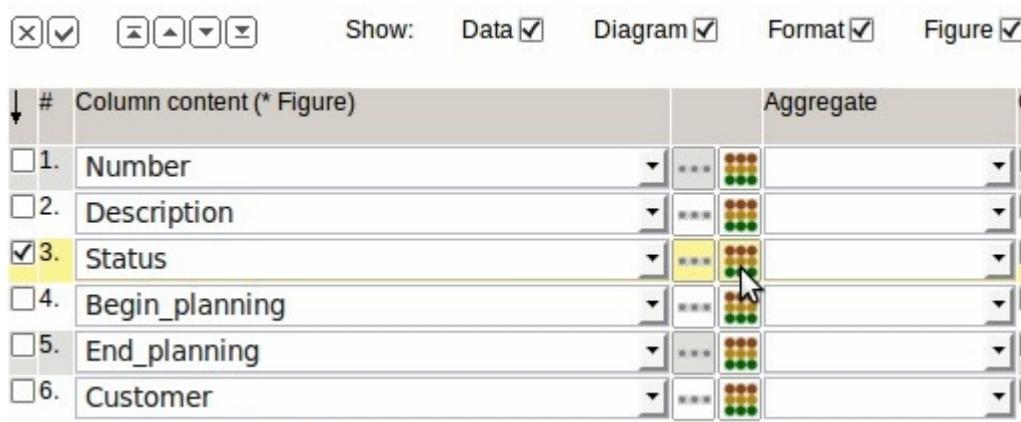
Next, the field 'status' is loaded and rearranged.



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 icons for column selection, show options (Data, Diagram, Format, Figure), and a refresh button. The main area is a table with the following columns: #, Column (highlighted in yellow), Content (* Figure), Aggregate, Group, PageBreak, Visible, Sort Key, Asc#, ChartData, and Caption. The table contains 13 rows, each with a checkbox and a field name. Row 13, 'Status', has its 'Visible' checkbox checked. A tooltip at the bottom right of the table area says: 'This field should be highlighted in color with the defined entries using value-based formatting' with a color palette icon.

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

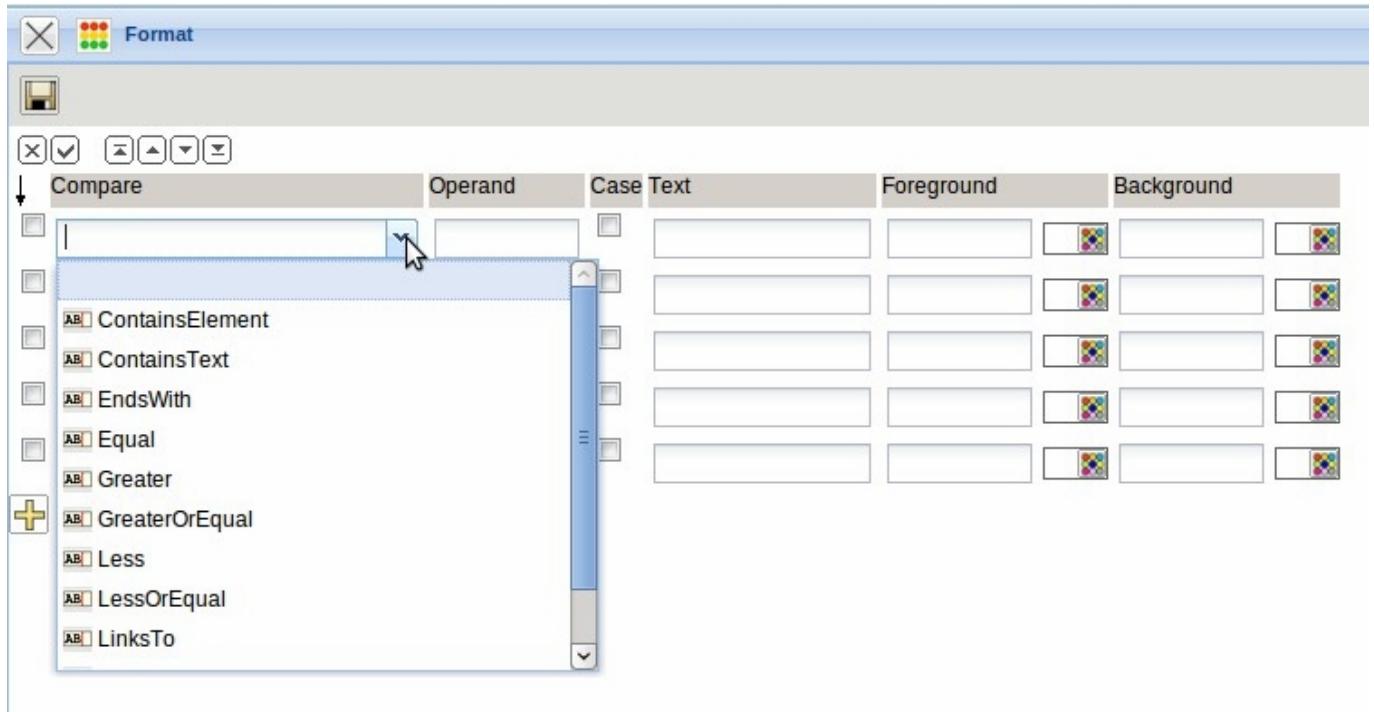
This field should be highlighted in color with the defined entries using value-based formatting .



The screenshot shows the same 'Report Project short list' interface as above, but with the 'Status' row highlighted in yellow. The 'Visible' checkbox for the 'Status' row is checked. The rest of the table and controls remain the same.

#	Column	Content (* Figure)	Aggregate
1.	<input type="checkbox"/> Number		
2.	<input type="checkbox"/> Description		
3.	<input checked="" type="checkbox"/> Status		
4.	<input type="checkbox"/> Begin_planning		
5.	<input type="checkbox"/> End_planning		
6.	<input type="checkbox"/> Customer		

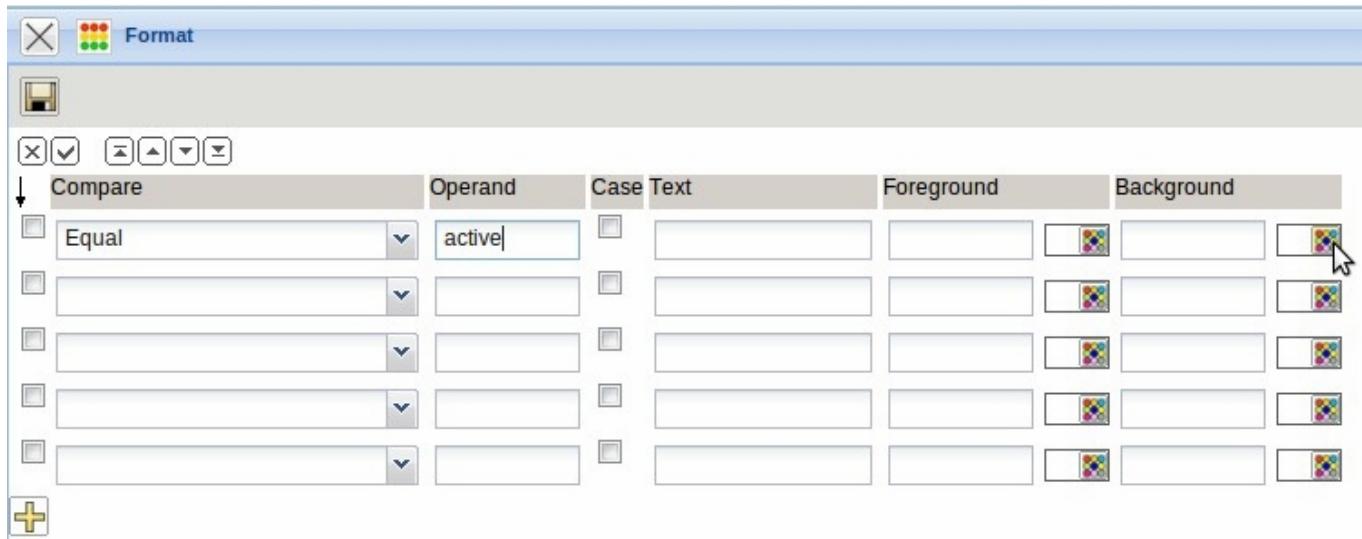
The comparison operators and the operand can be adjusted in the field “Compare” in the format dialog. The values can either be implemented textual (TEXT) or by color (foreground or background color).



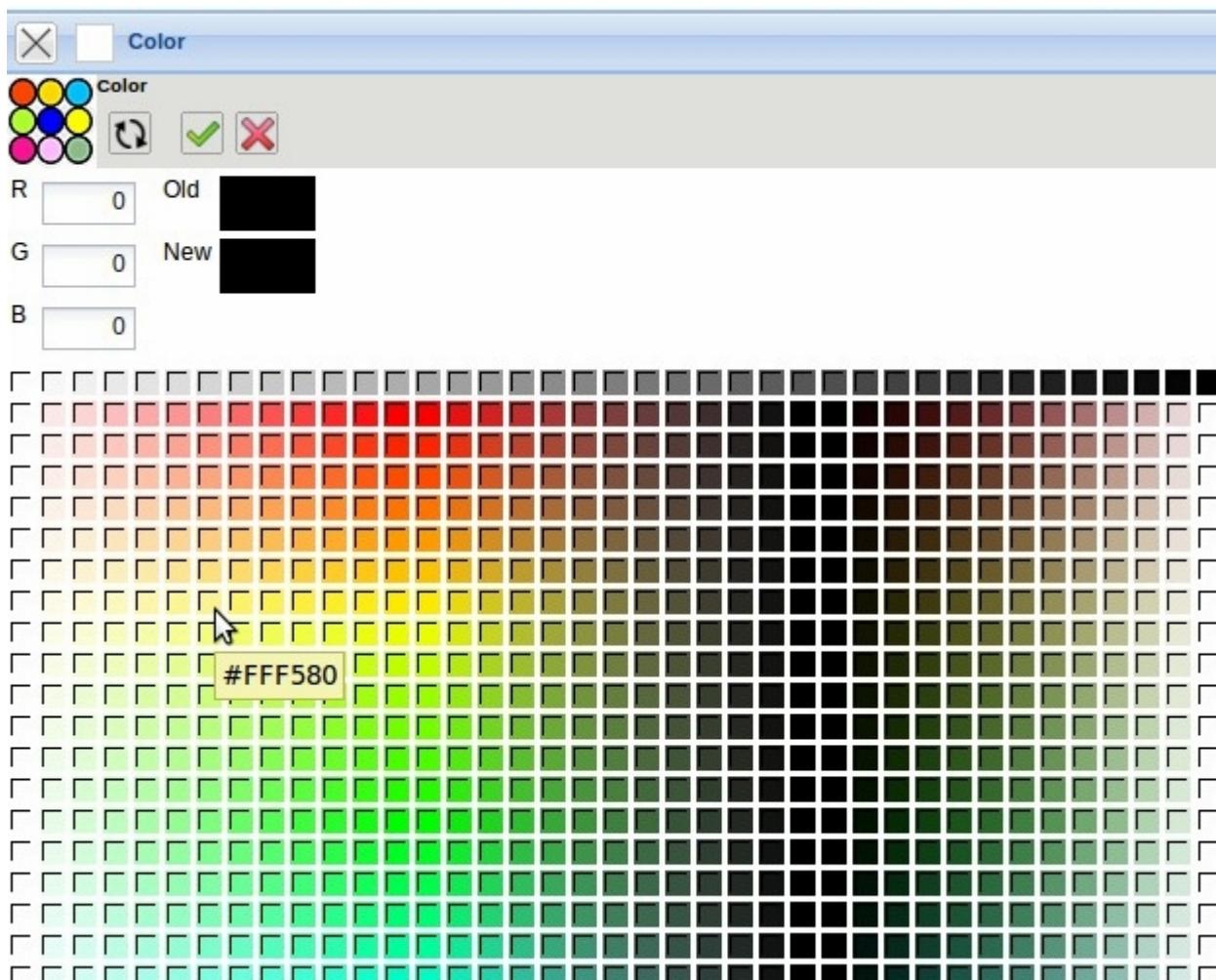
The following comparison operators are currently supported:

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

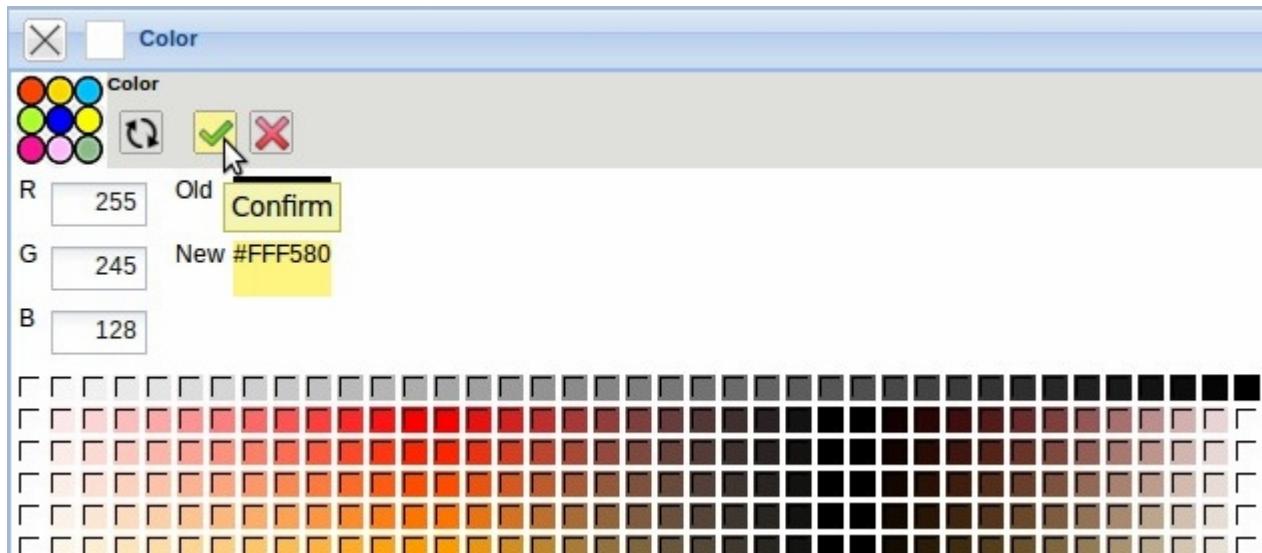
In the example for the field 'status', the value “active” (internal active) is assigned a yellow background and the value “passive” (internal passive) with red background color.



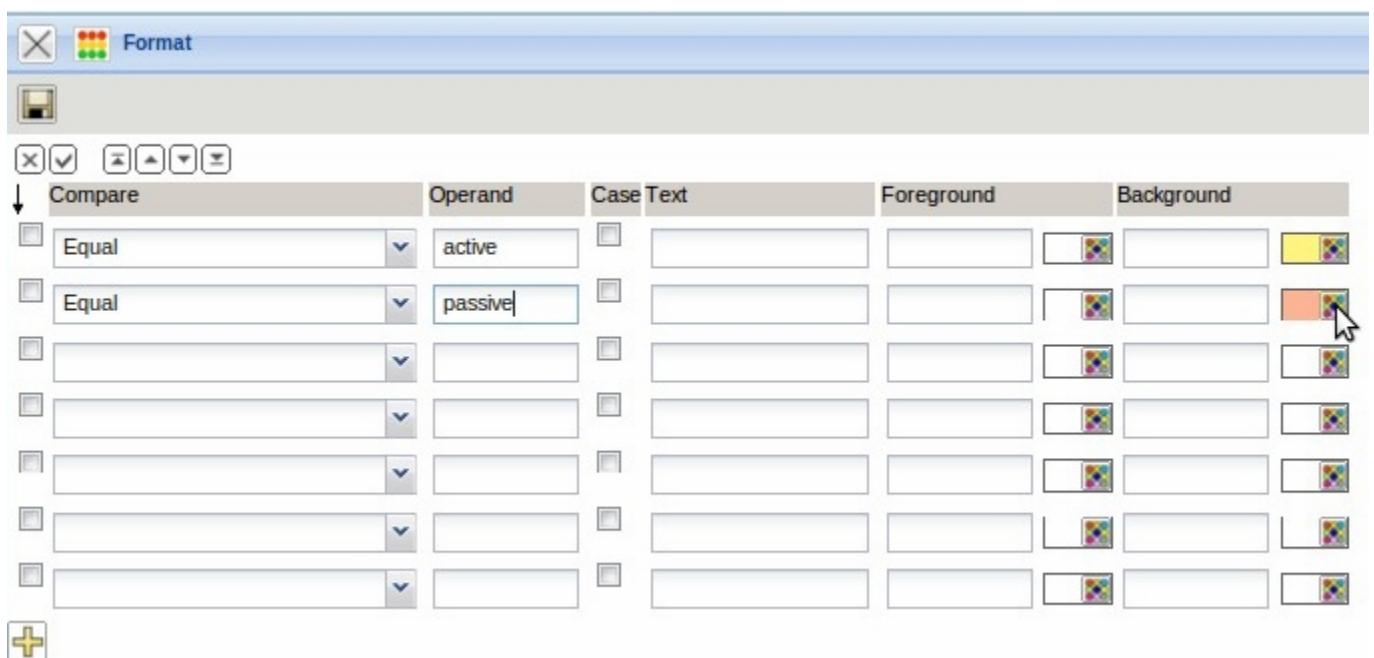
The desired color can be selected from the ...



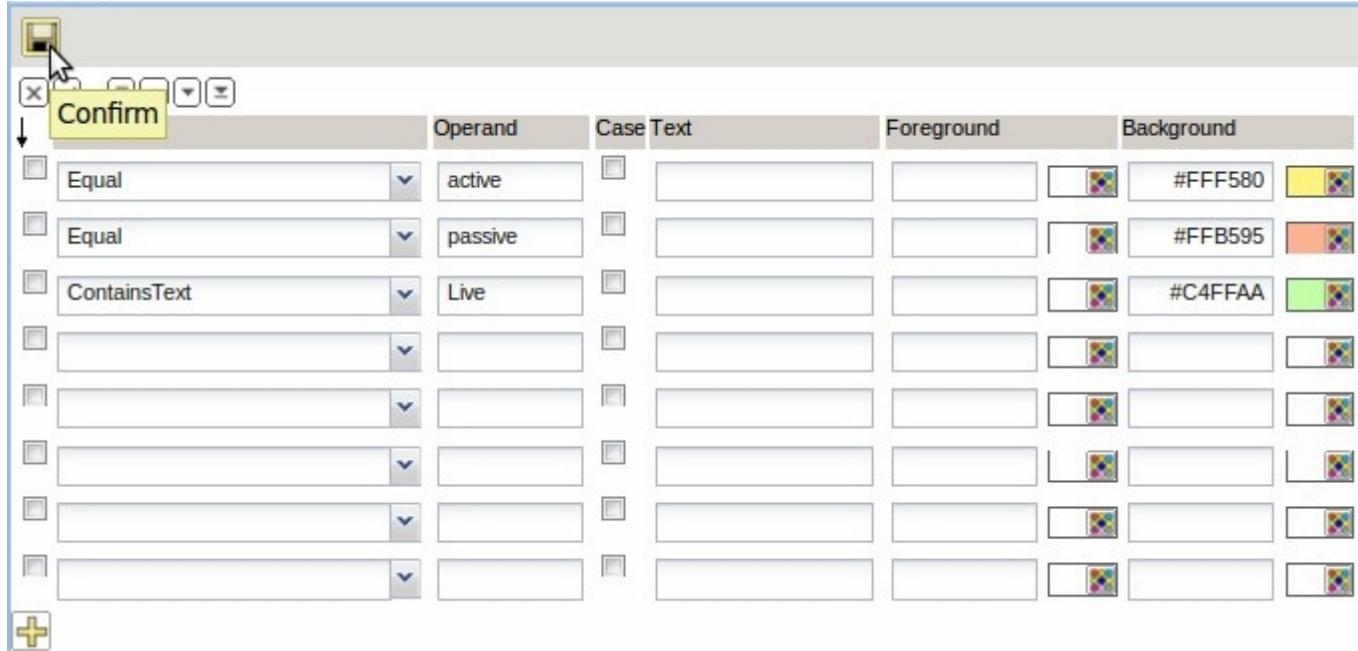
... the color palette ...



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



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



After saving and closing the dialog, the report can be performed ...

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

... using the action "Show preview".

Project overview (min)												
Number	Description	Status	Planned Begin	Planned End	Customer	Branch	Contact	Offer	Actual Time	Plan Time	Difference	Total
1	Introduction Projectile 2.5	BeingPlanned	08.09.2009	09.09.2009	CONSULT GmbH	Beratung	Nahf Lisa	0,00	0,00	0,00	0,00	0,00
								0,00				0,00
12	Programming Projectile	Active	30.11.2009	09.12.2009	John Green Ltd.	Software		0,00	16,42	50,00	33,58	0,00
10	Introduction Projectile	Advance	04.11.2009	11.11.2009	John Green Ltd.	Software		0,00	3,50	0,00	-3,50	
2	Introduction Projectile 2.7	Open	14.09.2009	31.12.2009	John Green Ltd.	Software	Green John	0,00	0,00	24,00	24,00	0,00
13	Implementation Projectile 3.0	Closed live	30.11.2009	09.12.2009	John Green Ltd.	Software		0,00	2,00	10,00	8,00	
					John Green Ltd.			0,00				0,00
16	Planning	Passive	09.06.2009	30.11.2009	TLC Telecommunications Corporation	Telecommunication	Williams George	0,00	0,00	0,00	0,00	
3	Introduction Projectile	Active	09.06.2009	31.12.2009	TLC Telecommunications Corporation	Telecommunication	Williams George	105,60	197,17	187,50	-9,67	0,00
6	QM-Module	Active	15.08.2009	16.10.2009	TLC Telecommunications Corporation	Telecommunication	Williams George	0,00	0,00	8,00	8,00	
7	Update Projectile	Active	16.10.2009	30.11.2009	TLC Telecommunications Corporation	Telecommunication	Williams George	0,00	0,00	8,00	8,00	
11	Project LB 3-9 Development	Passive	13.11.2009	31.12.2009	TLC Telecommunications Corporation	Telecommunication	Williams George	0,00	0,00	164,00	164,00	
					TLC Telecommunications Corporation			105,60				0,00
					Sum			105,60				0,00

Afterwards some fields are rearranged in the report and by using the functionality a formula is defined. The new column 14 should be the result (residual value) from the difference of the offer value and the invoice amount and also output the sum.

#	Column content (* Figure)	Aggregate	Group	Page	Break	Visible	Sort Key	Asc#	ChartData	Caption
1.	Number	---				<input checked="" type="checkbox"/>		1.		
2.	Description	---				<input checked="" type="checkbox"/>		2.		
3.	Status	---				<input checked="" type="checkbox"/>		3.		
4.	Begin_planning	---				<input checked="" type="checkbox"/>		4.		Planned Begin
5.	End_planning	---				<input checked="" type="checkbox"/>		5.		Planned End
6.	Customer	---				<input checked="" type="checkbox"/>		6.		
7.	Customer.Branch	---				<input checked="" type="checkbox"/>		7.		
8.	Contact	---				<input checked="" type="checkbox"/>		8.		
9.	OfferValue	---	Agg_Sum			<input checked="" type="checkbox"/>		9.		Offer
10.	Actual_time_spent *	---				<input checked="" type="checkbox"/>		10.		Actual Time
11.	Planned_time *	---				<input checked="" type="checkbox"/>		11.		Plan Time
12.	(Formula)	---				<input checked="" type="checkbox"/>		12.		Difference
	(Planned_time - Actual_time_spent)									
13.	Total	---	Agg_Sum			<input checked="" type="checkbox"/>		13.		
14.	(Formula)	---	Agg_Sum			<input checked="" type="checkbox"/>		14.		Remaining value
	OfferValue - Total									

The two intermediate results (column 9 and 13) should not be listed in the report, therefore for these values, the check boxes can be set to "visible" is false (not marked).

The screenshot shows the configuration interface for a report. At the top, there are tabs for Common, Layout, CSV, Diagram, and Misc. Below these are fields for Name (Project short list), Title (Project overview (min)), Document type (Project), Time interval, and Max figures age (24 h). A toolbar below includes icons for Show, Data, Diagram, Format, and Figure. The main area is a grid where each row represents a column in the final report. The columns have headers such as #, Column content (* Figure), Aggregate, GroupPageBreakVisible, Sort Key Asc#, ChartData, Caption, Number Format, Width %, and Periodic. Rows 1 through 12 represent individual project items with various status and contact details. Row 13 is a summary row for 'Total' with an Agg_Sum aggregate. Row 14 is a formula row '(Formula)' showing the difference between 'OfferValue' and 'Total'. The 'Number Format' field for the difference row contains the notation #,##0.00.

In the column “number format”, a format for all numeric values can be forced. In the example, the notation #,##0.00 sets the thousands separator and two decimal positions.

The report titled "Project overview (min)" displays a table with 14 columns. The columns are: Number, Description, Status, Planned Begin, Planned End, Customer, Branch, Contact, Actual Time, Plan Time, Difference, and Remaining value. The table contains 14 rows of data, mostly for different project types like "Introduction Projectile" and "Implementation Projectile". Some rows show negative values in the "Difference" and "Remaining value" columns, indicating time differences or remaining work. The "Status" column uses color coding: yellow for "BeingPlanned", green for "Open", and orange for "Closed live".

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

Number Format	Value	Implementation
#,##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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