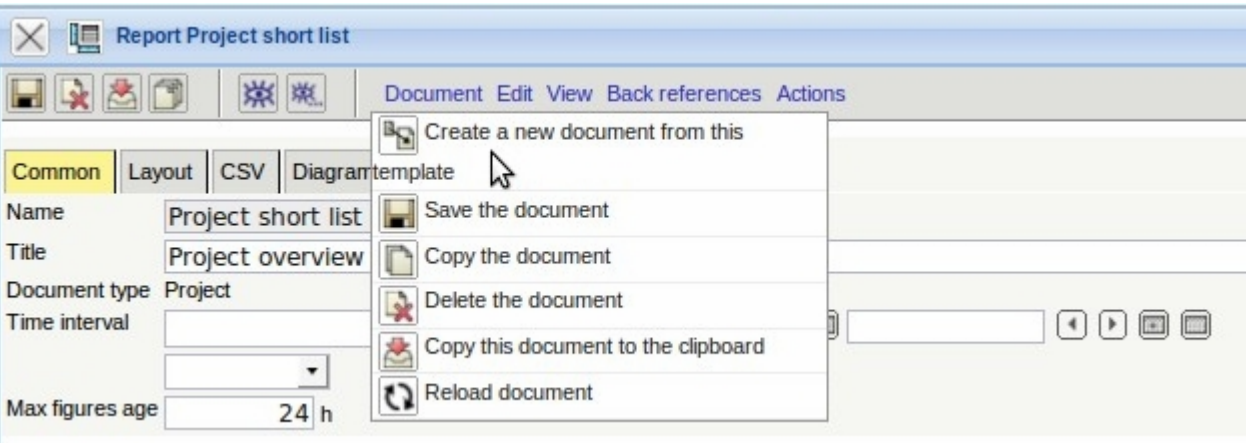


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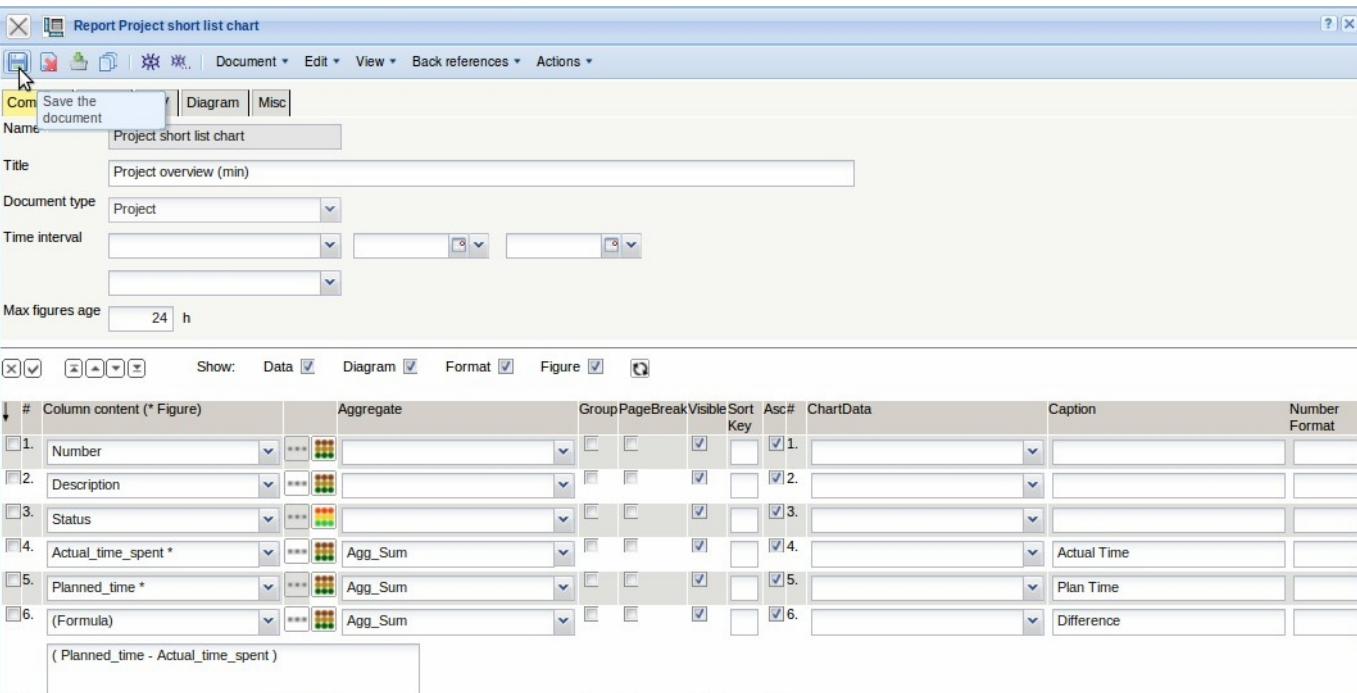
3.06 Reportgenerator "ReportMaker" (continued)

Graphical Charts with the ReportDesigner

In the following example a graphical chart is created from the tabular project list. First, the basic structure of the report is created again (here by copying the project list).



First, some fields are removed. The report is then renamed and saved.



In the column chart data, the axes need to be determined for the 2-dimensional chart with x-and y-axis. The x-axis (horizontal) is determined with index (x) and the values for the y-axis (vertical) is determined with data (y). In the example, the values planned time/effort, actual time/effort and the difference (formula) for the projects (Number) should be plotted.

Report designer Report Project short list

Common | Layout | CSV | Diagram | Misc

Name: Project short list chart

Title: Project overview (min)

Document type: Project

Time interval: [] [8] [3]

Max figures age: 24 h

Show: Data ☒ Diagram ☒ Format ☒ Figure ☒

#	Column content (* Figure)	Aggregate	Group	PageBreak	Visible	Sort	Asc#	ChartData	Caption	Number Format
1.	Number				☒		☒	1. INDEX		
2.	Description				☒		☒	2.		
3.	Status				☒		☒	3.		
4.	Actual_time_spent *	Agg_Sum			☒		☒	4. DATA	Actual Time	
5.	Planned_time *	Agg_Sum			☒		☒	5. DATA	Plan Time	
6.	(Formula)	Agg_Sum			☒		☒	6. DATA	Difference	

(Planned_time - Actual_time_spent)

On the "Diagram" tab, various settings can be made for the graphic (chart type, width, height, legend, totals).

Report Project short list chart

Common | Layout | CSV | Diagram | Misc

Chart type: BAR_VERTICAL

File format: JPG

Width: 800

Height: 600

Legend:

ShowSubTotalsInCharts: ☐

ShowTotalsInCharts: ☐

After saving the report it is then closed. The new report and the output format CHART for graphical charts is selected in the ReportMaker.

Reports

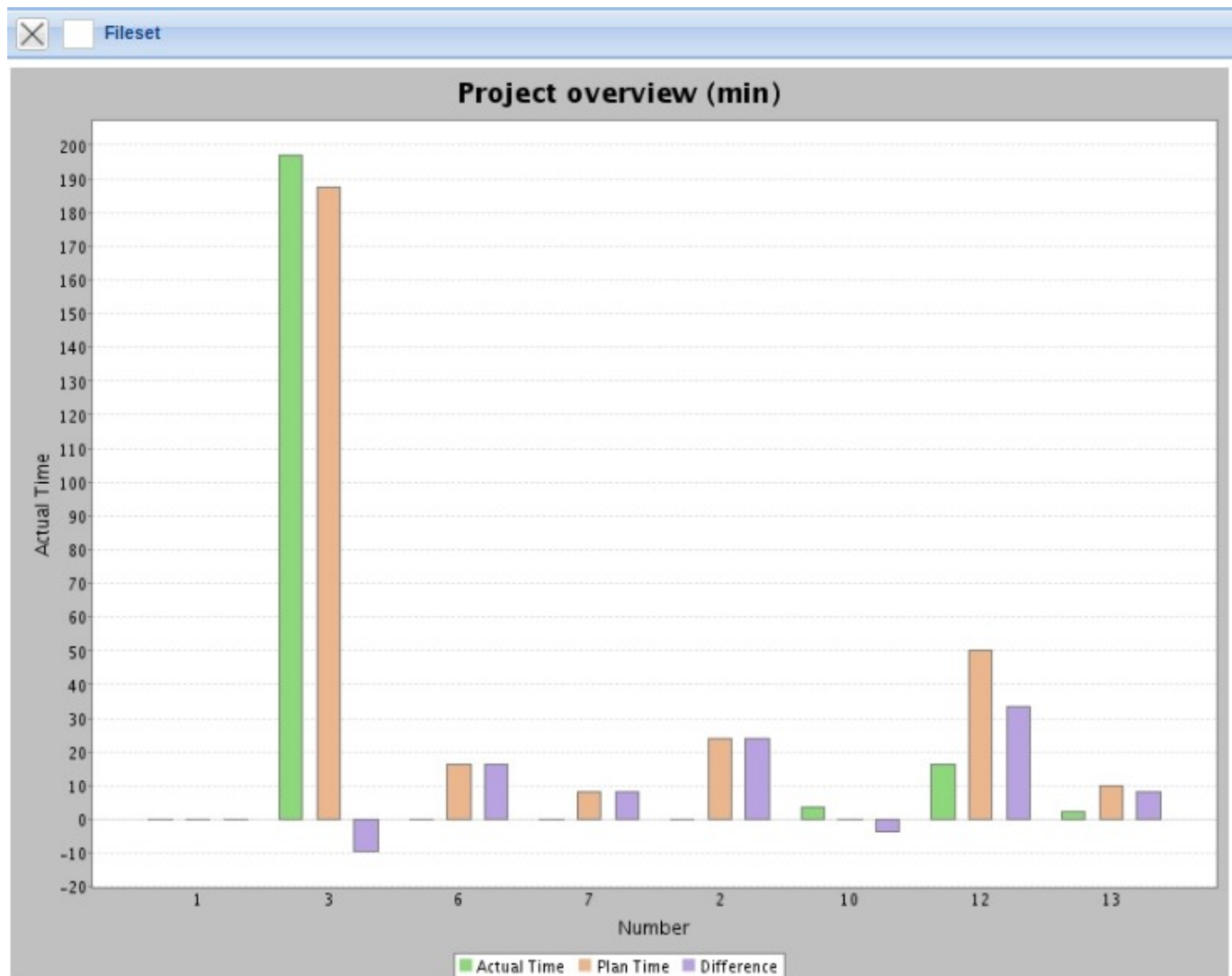
Report selection: [New report selection]

Document type: Project

OutputFormat: CHART

Create report

With the function "Generate Report" the graphical charts are displayed within the application.

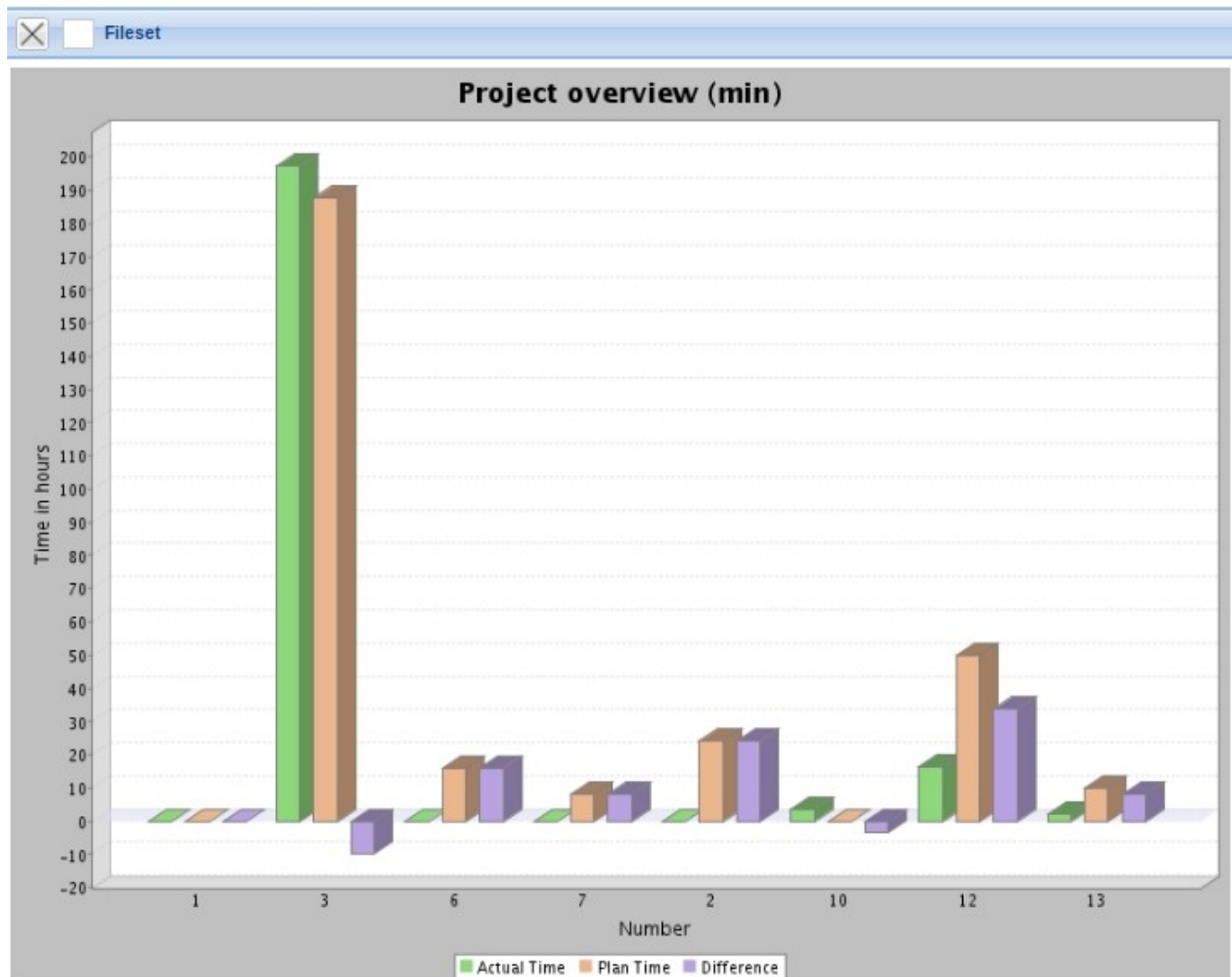


The report can then be further customized in the ReportDesigner. The example is first the index (x axis) renamed into project and is afterwards modified on the tab "Charts". Here various settings can be made to the graphic.

The screenshot shows the 'Report Project short list chart' window in the Report Designer. The 'Diagram' tab is selected. The settings are as follows:

- Chart type: BAR VERTICAL 3D
- File format: JPG
- Width: 800
- Height: 600
- Legend: Time in hours
- ShowSubTotalsInCharts: ☐
- ShowTotalsInCharts: ☐

In the examples the diagram/chart is changed and a legend is defined.



Currently, the following diagram/chart types are available: vertical 3D bar, horizontal bar, vertical bars, vertical 3D stacked bar, horizontal stacked bar, vertical stacked bar, bubble charts, bubble charts (connected), area, stacked area, lines, pie chart per column, pie chart per row, scatter plot, scatter plot (connected), XY areas, XY lines, and XY steps.

The format JPG and PNG are available. In addition, the width and height of the graphic can be set. (unit px = pixel) and a different legend can be entered. If the field 'legend' is not filled, the first entry is used with data (y).

... continued

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