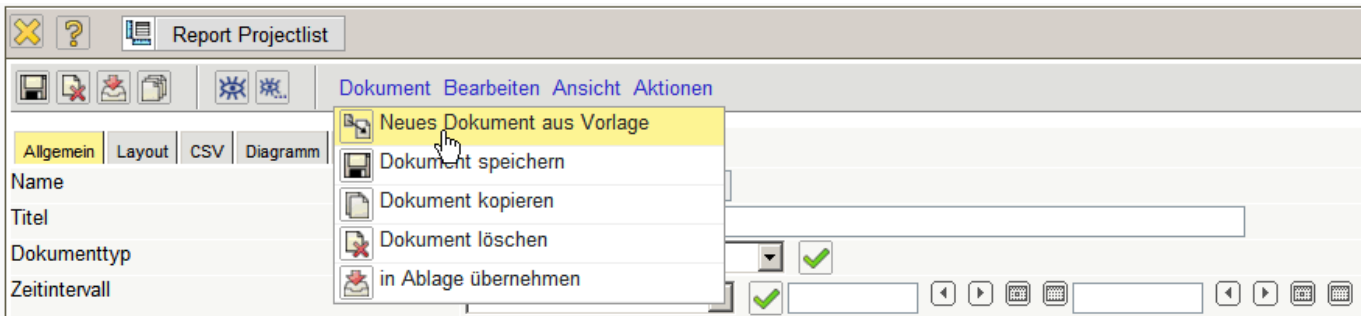


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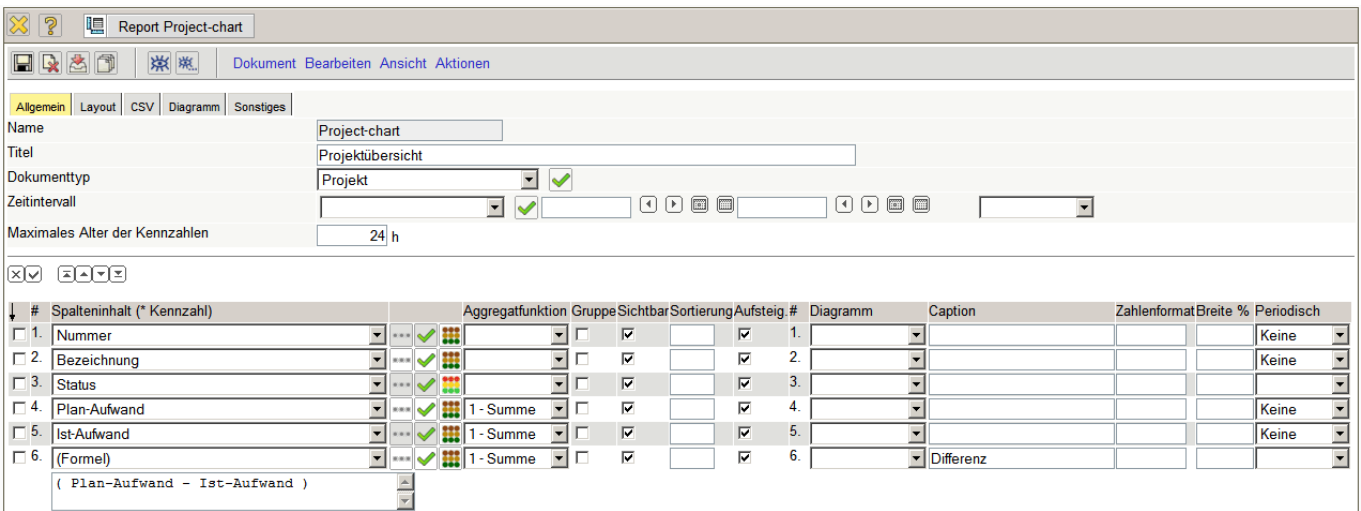
3.06 Reportgenerator "ReportMaker" (continued)

Graphical Charts with the ReportDesigner

The following example a graphical charts is created from the tabular project. First, the matrix of the report created once again (here by copying the project list).



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



In the column diagram, for a 2-dimensional analysis with x-and y-axis, the axes need to be determined. With index (x) is the x-axis (horizontal) determined and with data (y) the values for the y-axis (vertical) are labeled. In the example for the projects (Number) the values plan-effort, actual-effort and the difference (formula) should be plotted.

The 'Report Project-chart' window shows the 'Allgemein' tab. The title is 'Projektübersicht' and the document type is 'Projekt'. The time interval is set to '24 h'. Below the form is a table for column configuration:

#	Spalteninhalt (* Kennzahl)	Aggregatfunktion	Gruppe	Sichtbar	Sortierung	Aufsteig.	#	Diagramm	Caption	Zahlenformat	Breite	%	Periodisch
1	Nummer			☒		☒	1	Index (x)					Keine
2	Bezeichnung			☒		☒	2						Keine
3	Status			☒		☒	3						
4	Plan-Aufwand	1 - Summe		☒		☒	4	Daten (y)					Keine
5	Ist-Aufwand	1 - Summe		☒		☒	5	Daten (y)					Keine
6	(Formel) (Plan-Aufwand - Ist-Aufwand)	1 - Summe		☒		☒	6	Daten (y)	Differenz				

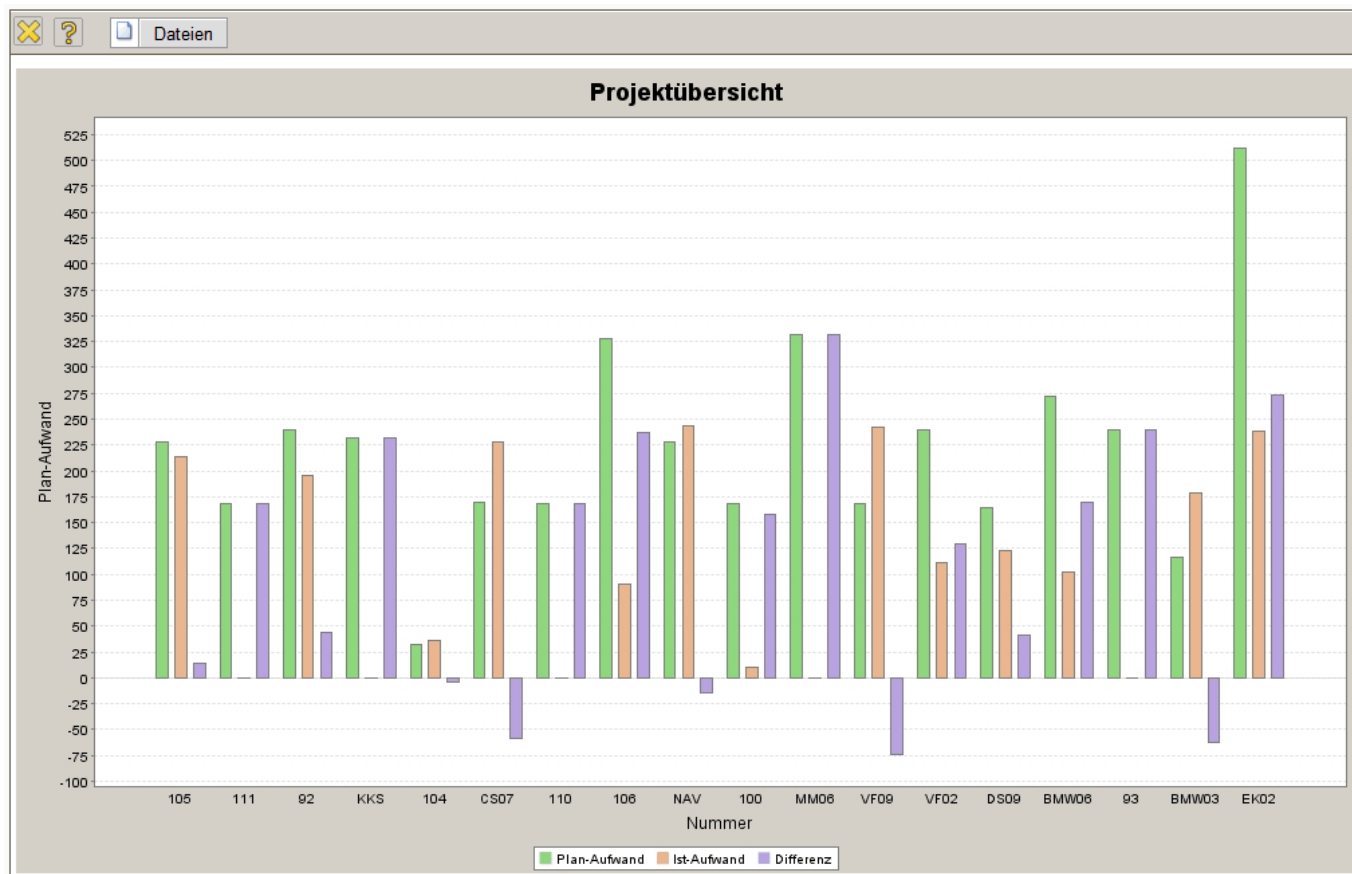
In the tab "Diagram/Chart" different settings can be made to the graphic (chart type, width, height, legend, totals).

The 'Diagramm' tab shows settings for the chart. The chart type is 'Balken vertikal', the file format is 'JPG', the width is '1000', and the height is '600'. There are checkboxes for 'Zwischensummen im Diagramm anzeigen' and 'Summen im Diagramm anzeigen', both of which are currently unchecked.

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

The 'Reports' window shows a list of reports. The 'Report-Zusammenstellung' is set to '[Neue Report-Zusammenstellung]'. The 'Dokumenttyp' is 'Projekt' and the 'Report' is 'Project-chart'. The 'Ausgabeformat' is set to 'CHART'. A green arrow button is visible next to the 'CHART' format, indicating the 'Generate Report' function.

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

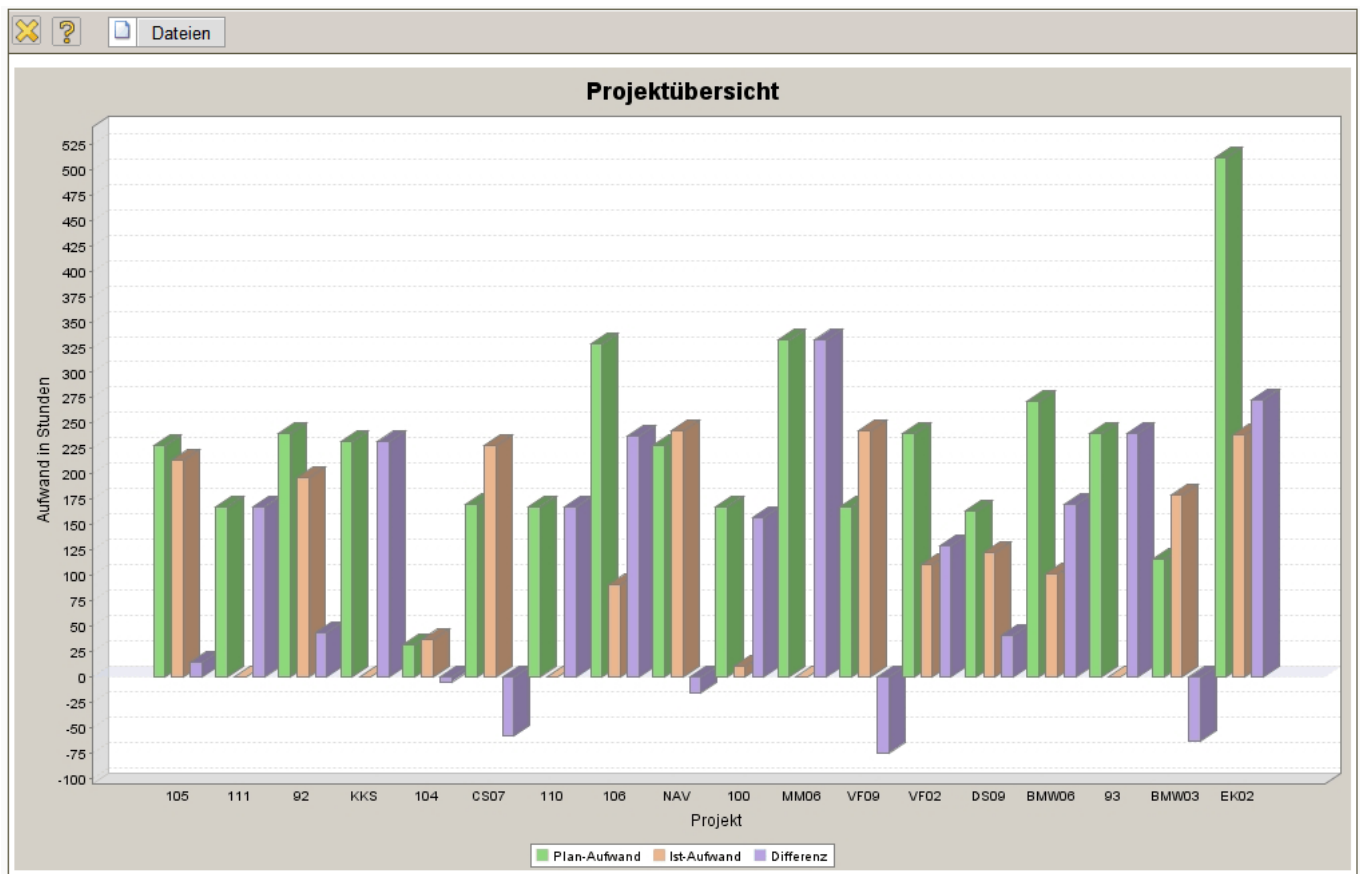


Then in the ReportDesigner, the report can be further adjusted. The example is first the index (x axis)renamed into project and is afterwards modified on the tab "Charts". Here various settings can be made to the graphic.

The 'Report Project-chart' window shows the 'Diagramm' tab selected. The settings are as follows:

- Diagrammtyp: Balken 3D vertikal
- Dateiformat: JPG
- Breite: 1000
- Höhe: 600
- Legende: Aufwand in Stunden
- Zwischensummen im Diagramm anzeigen: ☐
- Summen im Diagramm anzeigen: ☐

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, deployment chart, deployment chart (connected), XY areas, XY lines, and XY stages.

As 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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