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).

| Report Project short list | | | | | | | |
|---------------------------|--|-----------|-------------------------------------|---|--|--|--|
| | F 🚱 🎒 🗱 🕱 Document Edit View Back references Actions | | | | | | |
| Common Lay | Create a new document from this Common Layout CSV Diagram template | | | | | | |
| Name | Project sh | ort list | Save the document | | | | |
| Title Project overview | | | Copy the document | | | | |
| Document type | Project | | Delete the document | | | | |
| i ine interval | | | Copy this document to the clipboard | 9 | | | |
| Max figures age | | • 24 h | Reload document | | | | |

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

| \times | Report Project short list cha | t | | | | | | | | | ? > |
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| Com S | Save the Diagram | Misc | | | | | | | | | |
| Name | Project short list chart | | | | | | | | | | |
| Title | Project overview (min) | | | | | | | | | | |
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| ↓ # ¢ | Column content (* Figure) | | Aggregate | G | FroupP | ageBreakVisible | Sort Asc# | # ChartData | | Caption | Number Format |
| 1. | Number | v ··· # | | • [| <u> </u> | | | 1. | ~ | | |
| 2. | Description | v | | - | | | | 2. | ~ | | |
| 3. | Status | v ··· : | | • [| E [| | | 3. | ~ | | |
| 4 . | Actual_time_spent * | v | Agg_Sum | - | • | | V 4 | 4. | ~ | Actual Time | |
| 5. | Planned_time * | v !! | Agg_Sum | • | | | | 5. | ~ | Plan Time | |
| 6. | (Formula) | v # | Agg_Sum | • | | | | 6. | ~ | Difference | |
| | (Dispand time Actual time on | | | | | | | | | | |

In the column chart data, the axes need to be determined for the 2-dimensional chart with x-and yaxis. 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. Last update: 2019/10/25 en:handbuch:kapitel_3:3.6._fortsetzung_4 https://infodesire.net/dokuwiki/doku.php?id=en:handbuch:kapitel_3:3.6._fortsetzung_4&rev=1260355143 14:09

| X | Report designer Report Proj | ect sh | ort list | | | | | | | | | | (?) |
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| Comm | on Layout CSV Diagram | Misc | 1 | | | | | | | | | | |
| Name | Project short list chart | | | 1 | | | | | | | | | |
| Title | Project overview (min) | | | | | | | | | | | | |
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| ļ # (| Column content (* Figure) | | | Aggregate | C | Group | PageBrea | kVisible So | t Asc# | ChartData | | Caption | Number |
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| 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 | |
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On the "Diagram" tab, various settings can be made for the graphic (chart type, width, height, legend, totals).

| 🗙 🛄 Report Project short list chart | | | |
|-------------------------------------|--------------------------|-----------|--|
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| Common Layout CSV Diagram Misc | | | |
| Chart type | BAR_VERTICAL | ~ | |
| File format | JPG | | |
| Width | 800 | | |
| Height | 600 | | |
| Legend | | | |
| ShowSubTotalsInCharts | | | |
| ShowTotalsInCharts | | | |

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

| 💥 🄋 [| Reports | | |
|-------------|---|-----------------------------------|--|
| Rep | o rts ort-Zusammenstellung [[| Neue Report-Zusammenstellung] 💌 💿 | Image: A state of the state |
| Dokumenttyp | Report | AusgabeformatReport erzeug | enReport-Designer |
| Projekt | Project-chart | | |

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

3/4



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.

| 🔀 🥐 🗓 Report Project-chart | | | | | | | |
|---------------------------------------|---|--|--|--|--|--|--|
| Dokument Bearbeiten Ansicht Aktionen | | | | | | | |
| Allgemein Layout CSV Diagramm Sonsi | Allgemein Layout CSV Diagramm Sonstiges | | | | | | |
| 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

