

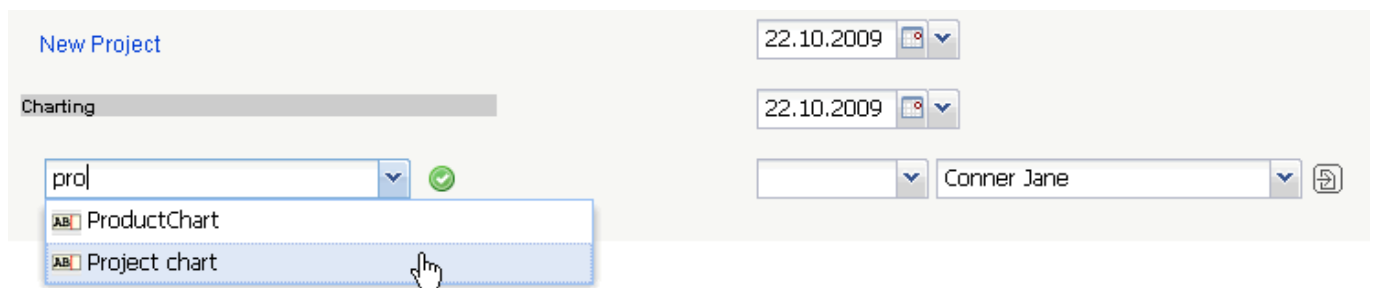
[previous](#) [Home](#) [next](#)

4.12 Chart System

4.12.1 Applying Standard Charts

Projectile contains many standard charts. The charts are grouped by topic in the chart blocks and contain between one and up to 13 individual charts.

The charts can be opened in the work area by using the functionality “Charting”.



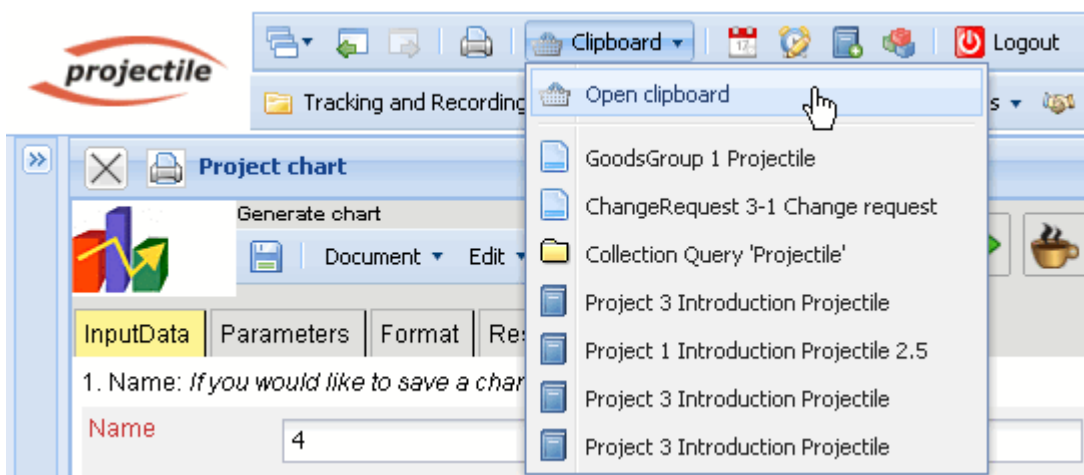
In the following example various project-related charts are displayed. Included are the charts: project overview chart, project structure diagram, target/actual comparison chart for projects and jobs, milestone-trend-analysis (MTA) chart, completion chart, employee occupation chart, skill-matrix, and perform report for resource planning chart.

After opening the chart type (here, the project chart) a chart document is opened. In the document selection criteria and options for the chart can be configured.

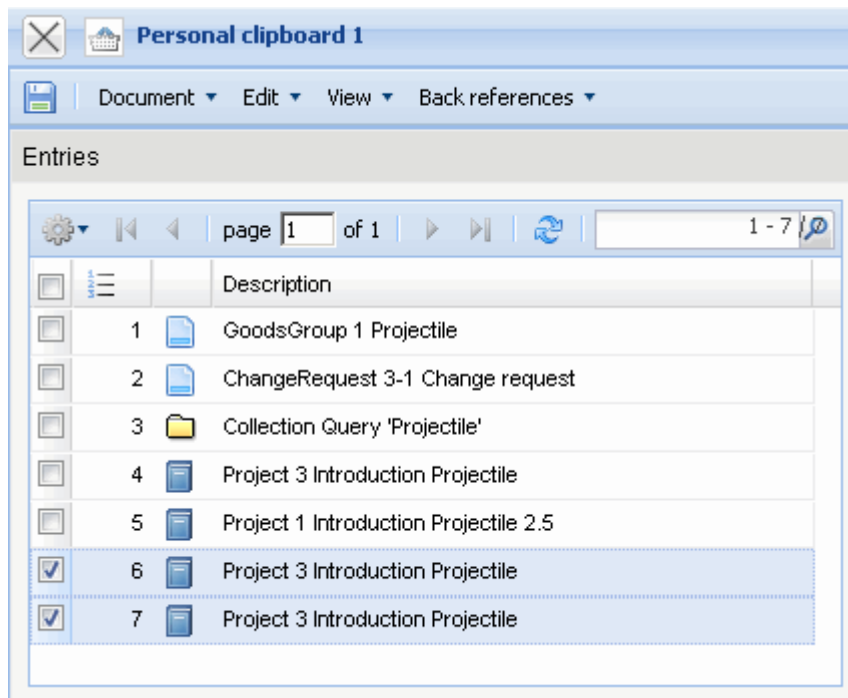
In the first part (1. Name) a name can be given for the chart if the chart is to be saved. Saving the chart is useful if the selection criteria of the chart remains constant, for example a list of all active projects for the current quarter. The saved chart can then be saved or copied to the personal clipboard or it can represent the basis for time service in order to automate the chart evaluations. Also, the charts can be generated in the background. To view the results of the chart, the evaluation must also be stored.

In the second part (2. Input Data) the input data of the chart is determined. In the third part (Main parameters) the input data can be limited through a time span.

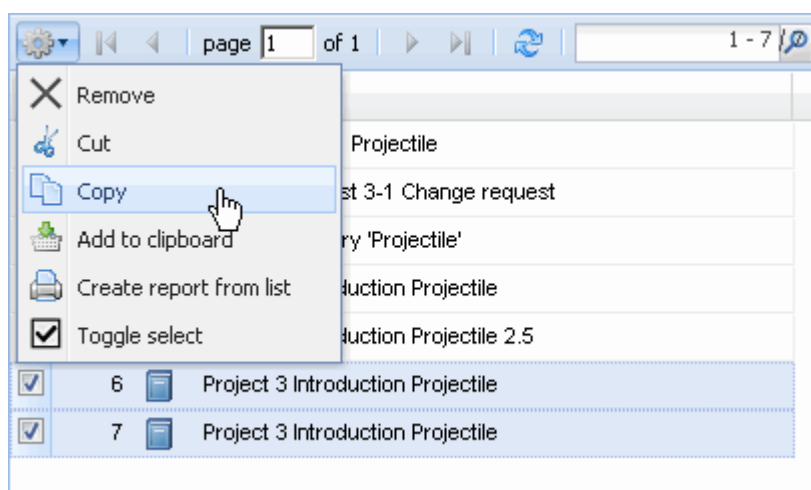
In the first example the selection criteria for the input data for two projects are selected from the personal clipboard:



These projects are marked in the clipboard, ...



... copied and ...



... pasted into the input data.

Project chart

Generate chart

Document Edit View

InputData Parameters Format Results

1. Name: *If you would like to save a chart please enter a description*

Name: 4

Description: Project chart

Chart: 01 - Project overview chart ✓

Report Selection:

2. Input data: *To gather all the documents relevant for the chart please use the search engine (if need be repeatedly)*

Search:

Search word: Category:

Input data:

No entries

Paste

New document

3. Please select parameters:

This process can be performed repeatedly (or with multiple entries). In the example below are ...

Input data

page 1 of 1

1 - 1

1	Project 3 Introduction Projectile
---	-----------------------------------

... Project 3 is the selected criteria, which is referred to in the chart.

Finally, the viewed time span of the chart ...

Search

Search word

Input data

3. Main parameters

Chart period

Current month

Current quarter

Current week

Current year

Last calendar month

Last calendar week

Last calendar year

Last month

Last quarter

Last week

Last year

Next calendar month

... which is limited to the current year ...

3. Main parameters: *Please select parameters:*

Chart period

Start

End

Current year

01.01.2009

31.12.2009

... and the chart "job chart target/actual" is performed using 

Project chart

Generate chart

Document Edit View

InputData Parameters Format Results

1. Name: *If you would like to save a chart please enter a description*

Name

Description

Chart

Report Selection

4

Project chart

04 - Job chart target/actual

Perform now

If the chart results are generated, the system presents the results in the browser. This chart includes information about the projects, activities and/or jobs and agents, the estimated and actual times with remaining time/effort and the corresponding difference (planned - actual), the estimated processing period (start / end) and the status information (status, completion date and completion of the task).

Job Target/Actual

Project	Job	Employee	Planned [h]	Actual [h]	Difference [h]	Rest	Begin	End	Closed	State
3 Introduction Projectile	3-1 Conception for combining Projectile and SAP CO/FI	Timothy Jones	16,00	38,00	-22,00	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-2 Installation Projectile	Timothy Jones	3,50	16,13	-12,63	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-3 Programming 4-3	Timothy Jones	40,00	7,28	32,72	32,72	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-4 Project Management	Conner Jane	30,00	20,00	10,00	16,00	19.10.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-5 3.1-1 Concept - 3 Planning	Conner Jane	30,00	19,75	10,25	0,00	19.10.2009	21.10.2009	20.10.2009	FINISHED
3 Introduction Projectile	3-6 Customizing	Conner Jane	20,00	16,50	3,50	3,50	02.10.2009	30.10.2009		IN_PROCESS
3.1 Introduction Accounting	3.1-1 Introduction Projectile	Conner Jane	0,00	7,50	-7,50	12,00	09.06.2009	01.10.2009		IN_PROCESS_LATE
			139,50	125,17	14,33	64,22				

After closing the chart results, the chart block project chart is displayed again.


☐ Fileset

Job Target/Actual

Project	Job
3 Introduction Projectile	3-5 3.1-1 Concept - 3 Planning
3 Introduction Projectile	3-6 Customizing
3.1 Introduction Accounting	3.1-1 Introduction Projectile

If the chart block is saved, the chart block can be applied as the basis for time services or for chart evaluations in the background.



 Project chart



Generate chart
 Document Edit View

InputData Parameters Form

Save the document

1. Name: If you would like to save a chart please enter a description

Name

Description

Chart 

Report Selection

Using  the charts in can be started in the background.

Project chart JB0001-BB Project chart

Generate chart

Document Edit View Back references

Perform in background

InputData Parameters Format Results

1. Name: If you would like to save a chart please enter a description

Name JB0001-BB

The system informs the user of the background process ...

Your action will be performed in background

[Hide these messages](#)

.. and generates ...

projectile

Clipboard Logout Create ... Search in docu

Tracking and Recording Offers Projects Invoices Contacts Human resources Admin

Project chart JB0001-BB Project chart

Generate chart

Document Edit View Back references

InputData Parameters Format Results

1. Name: If you would like to save a chart please enter a description

Name JB0001-BB

Description Project chart

Chart 03 - Project chart target/actual

Report Selection

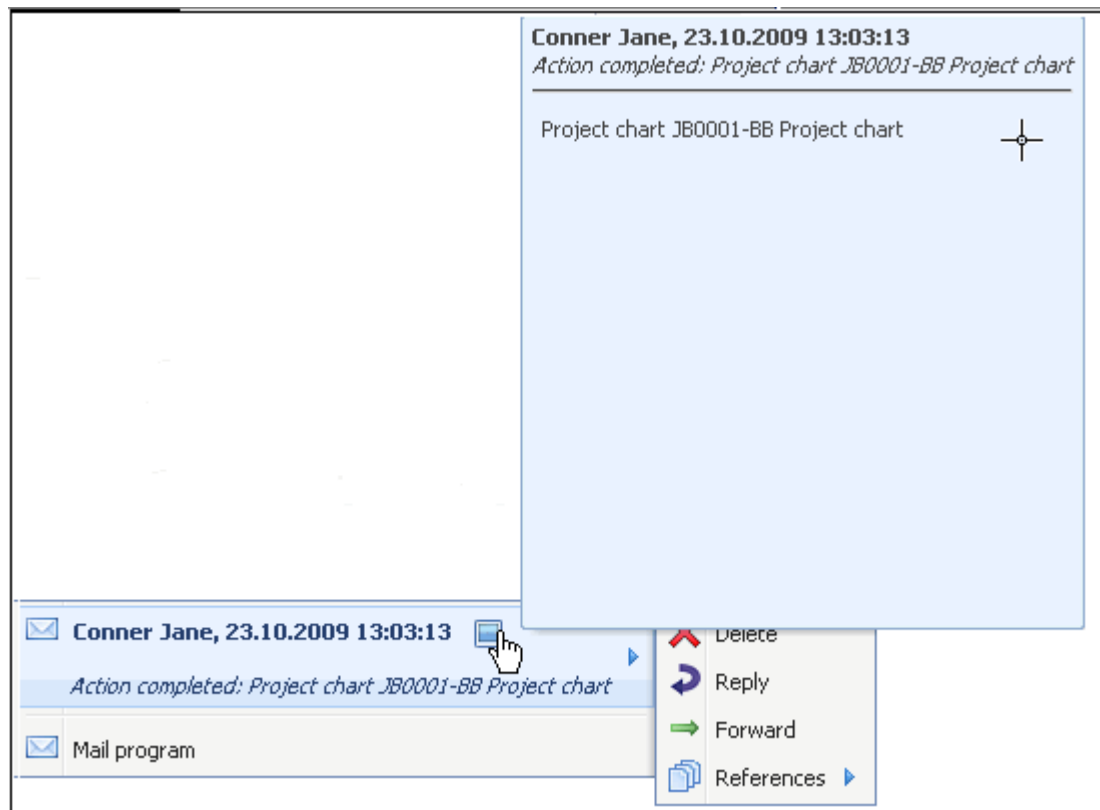
2. Input data: To gather all the documents relevant for the chart please use the search engine (if need be repeatedly)

Search

Search word Category

23.10.2009 (CW 43) Conner Jane 2 Messages

... an internal message, as soon as the chart results are generated.



The message appears in the mailer and the user can access the chart results through a link:

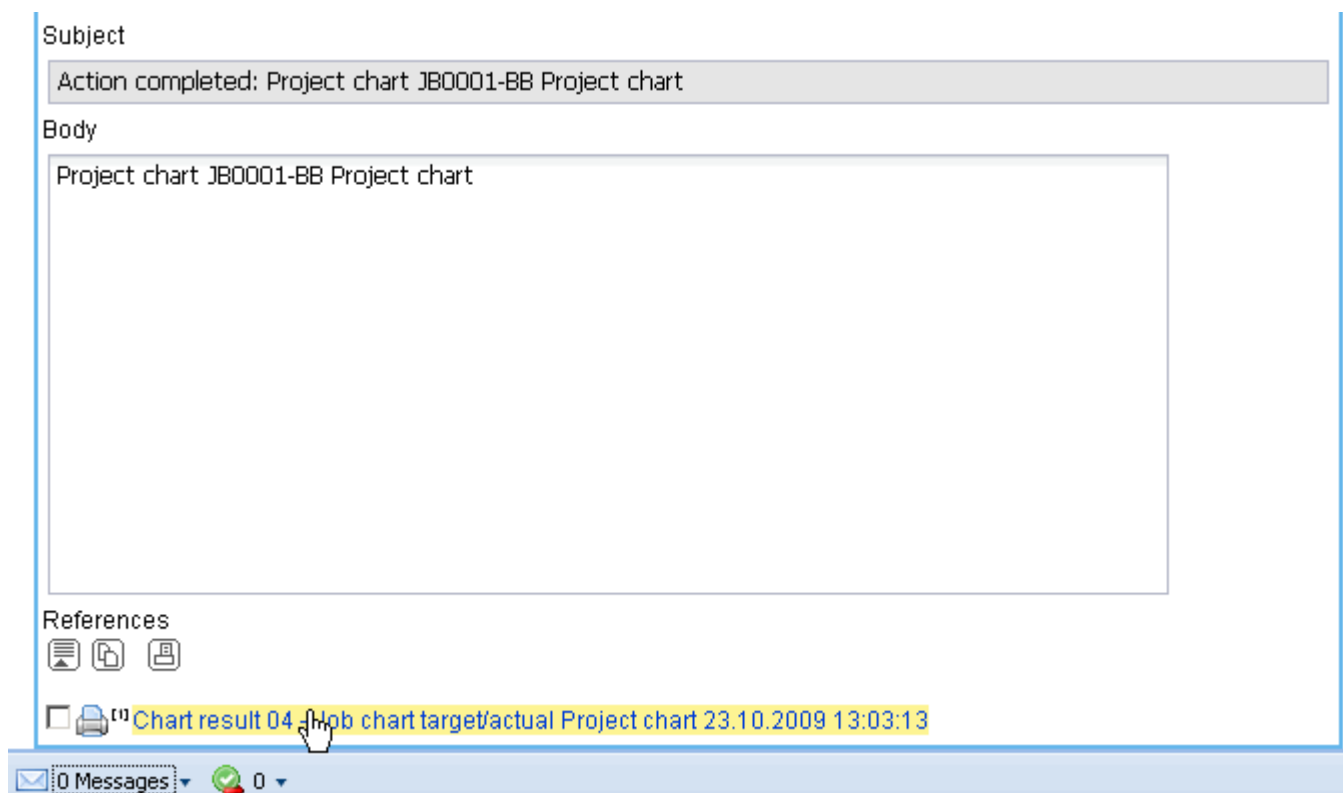


Chart result 04 - Job chart target/actual Project chart 23.10.2009 13:03:13

Chart: Project chart JB0001:BB Project chart
 CreatedAt: 23.10.2009 13:03:13
 ChartType: 04 - Job chart target/actual Project chart

Parameters:
 Comment:

Job Target/Actual

Project	Job	Employee	Planned [h]	Actual [h]	Difference [h]	EstimatedRemainingEffort	Begin	End	Closed	State
3 Introduction Projectile	3-1 Conception for combining Projectile and SAP CQ/FI	Timothy Jones	16,00	38,00	-22,00	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-2 Installation Projectile	Timothy Jones	3,50	16,13	-12,63	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-3 Programming 4-3	Timothy Jones	80,00	7,28	72,72	72,72	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-4 Project Management	Conner Jane	8,00	20,00	-12,00	16,00	19.10.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-5 3.1-1 Concept - 3 Planning	Conner Jane	30,00	19,75	10,25	0,00	19.10.2009	21.10.2009	20.10.2009	IN_PROCESS
3 Introduction Projectile	3-6 Customizing	Conner Jane	0,00	16,50	-16,50	0,00	02.10.2009	30.10.2009		IN_PROCESS
3.1 Introduction Accounting	3.1-1 Introduction Projectile	Conner Jane	0,00	7,50	-7,50	12,00	09.06.2009	01.10.2009		IN_PROCESS
	3-1 A A A A A A	3 A A A A A	137,50	125,17	12,33	100,72				

Im zweiten Beispiel wird die Standard-Suchmaschine für die Auswahl der Eingabedaten verwendet. Hier werden beispielsweise alle Projekte (ausgewählte Kategorie), ...

2. Input data: To gather all the documents relevant for the chart please use the search engine (if need be repeatedly)

Search

Search word: Category:

Input data:

... die den Begriff "Projectile" enthalten ...

Search

Search word: Projectile Category: Project

Input data

page 1 of 1 1 - 9

☐	1	Project 1 Introduction Projectile 2.5
☐	2	Project 1.1 Planning
☐	3	Project 1.2 Customizing
☐	4	Project 2 Introduction Projectile 2.7
☐	5	Project 2.1 Planning
☐	6	Project 2.2 Customizing
☐	7	Project 3 Introduction Projectile
☐	8	Project 7 Update Projectile
☐	9	Project 7.1 Introduction Accounting

... als Eingabedaten verwendet. Einträge, die nicht als Selektionskriterien verwendet werden sollen, werden markiert, die Auswahl invertiert ...

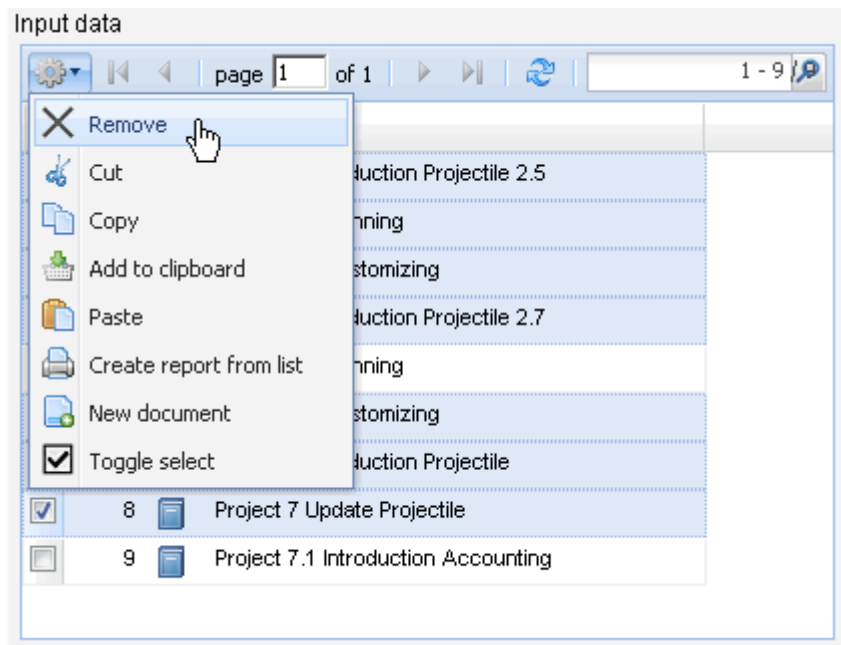
Input data

page 1 of 1 1 - 9

- Remove
- Cut
- Copy
- Add to clipboard
- Paste
- Create report from list
- New document
- ☒ Toggle select

☐	1	Project 1 Introduction Projectile 2.5
☐	2	Project 1.1 Planning
☐	3	Project 1.2 Customizing
☐	4	Project 2 Introduction Projectile 2.7
☐	5	Project 2.1 Planning
☐	6	Project 2.2 Customizing
☐	7	Project 3 Introduction Projectile
☐	8	Project 7 Update Projectile
☒	9	Project 7.1 Introduction Accounting

... und die Einträge aus den Eingabedaten entfernt:



Es werden alle Einträge der Auswahl ausgewertet (nicht nur die markierten)!

The screenshot shows a window titled 'Project chart JB000001-BB Project chart'. The 'Generate chart' section has a toolbar with icons for Generate, Cancel, Add, Copy, Paste, and a 'Perform now' button. Below the toolbar are tabs for 'InputData', 'Parameters', 'Format', and 'Results'. The 'InputData' tab is active, showing a form with the following fields:

- Name:** JB000001-BB
- Description:** Project chart
- Chart:** 04 - Job chart target/actual (with a green checkmark icon)
- Report Selection:** (empty dropdown)

Below the form is a section titled '2. Input data: To gather all the documents relevant for the chart please use the search engine (if need be repeatedly)'. It contains a 'Search' dropdown, a 'Search word' text box with 'Projectile', and a 'Category' dropdown with 'Project'. Below this is a smaller 'Input data' window showing a list of projects:

Checkbox	Index	Project Name
☐	1	Project 2 Introduction Projectile 2.7
☐	2	Project 3 Introduction Projectile

Dieser Vorgang kann mehrfach (mit verschiedenen Kategorien) durchgeführt werden. Abschließend wird die Auswertung wieder mit ausgeführt (im beispiel ein Plan/Ist-Vergleich für die Projekte 138 und 140):

Fileset

?
×

Job Target/Actual

Project	Job	Employee	Planned [h]	Actual [h]	Difference [h]	Rest	Begin	End	Closed	State
2 Introduction Projectile 2.7	2-1 Introduction Projectile 2.7	Belsito Marina	0,00	0,00	0,00	0,00	14.09.2009	17.09.2009		PLANNED_LATE
3 Introduction Projectile	3-1 Conception for combining Projectile and SAP CO/FI	Timothy Jones	16,00	38,00	-22,00	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-2 Installation Projectile	Timothy Jones	3,50	16,13	-12,63	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-3 Programming 4-3	Timothy Jones	80,00	7,28	72,72	72,72	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-4 Project Management	Conner Jane	30,00	20,00	10,00	16,00	19.10.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-5 3.1-1 Concept - 3 Planning	Conner Jane	30,00	19,75	10,25	0,00	19.10.2009	21.10.2009	20.10.2009	FINISHED
3 Introduction Projectile	3-6 Customizing	Conner Jane	20,00	16,50	3,50	3,50	02.10.2009	30.10.2009		IN_PROCESS
3.1 Introduction Accounting	3.1-1 Introduction Projectile	Conner Jane	0,00	7,50	-7,50	12,00	09.06.2009	01.10.2009		IN_PROCESS_LATE
			179,50	125,17	54,33	104,22				

Die dritte Möglichkeit die Eingabedaten auszuwählen, ist die Profi-Suche. Hier sind entsprechende Suchabfragen hinterlegt, die sofort verwendet werden können.

2. Input data: To gather all the documents relevant for the chart please use the search engine (if need be repeatedly)

Search

Top|

Top projects (active)

Category

Input data

No entries

Im Beispiel werden alle Hauptprojekte mit dem Status „aktiv“ in die Eingabedaten übertragen.

Search

Top projects (active)

Search word

Category

Input data

page 1 of 1

1 - 1

1 Project 3 Introduction Projectile

Anschließend kann der Betrachtungszeitraum (3. Hauptparameter) und die weiteren Kriterien verwendet werden (4. Parameter), um die Ergebnisse der Auswertungen sinnvoll einzuschränken. Zu diesen Parametern gehört beispielsweise die Kostenstelle des Projektes, die Projektart, der Projektstatus, die Priorität und das Kennzeichen, ob das Projekt ein externer Auftrag ist oder nicht.

Project chart JB000001-BB Project chart

Generate chart

Document Edit View Back references

InputData Parameters Format Results

4. Further criteria: Please enter further criteria here and select one of the charts in menu on top (right)

Cost center

Category

Produkt

Strategy

Benefit

Class

Development

Engineering

Gemeinkosten

Geschäftsführung

Management

Marketing

Research

Technik

Vertrieb

Die weiteren Optionen betreffen die Filterung von Ergebnissen.

Class

☐ AB ⁽¹⁾ 2 - Soll
☐ AB ⁽²⁾ 3 - Muss

Activity

Priority

Period

External order / project

☐ AB ⁽¹⁾ 1

Take unit of employee ☐

ShowDocumentsWithoutTrackedTime ☒

Jobs in detail ☐

OneLinePerPeriod ☒

Only top projects ☐

IntersectionFilter ☒

ApplyFilterOnSubProjects ☐

Im Beispiel werden alle Projekte ausgewertet, die der Kostenstelle Nürnberg zugeordnet sind, ein Soll- oder Muss-Projekt sind ...

Project chart JB000001-BB Project chart

Generate chart

Document ▾ Edit ▾ View ▾ Back references ▾

Perform now

InputData Parameters Format Results

4. Further criteria: *Please enter further criteria here and select one of the charts in menu on top (right)*

Cost center

☐ AB ⁽¹⁾ Development

Category

... sowie das Kennzeichen „Externer Auftrag“ besitzen.

Job Target/Actual										
Project	Job	Employee	Planned [h]	Actual [h]	Difference [h]	Rest	Begin	End	Closed	State
3 Introduction Projectile	3-1 Conception for combining Projectile and SAP CO/FI	Timothy Jones	16,00	38,00	-22,00	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-2 Installation Projectile	Timothy Jones	3,50	16,13	-12,63	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-3 Programming 4-3	Timothy Jones	80,00	7,28	72,72	72,72	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-4 Project Management	Conner Jane	30,00	20,00	10,00	16,00	19.10.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-5 3.1-1 Concept - 3 Planning	Conner Jane	30,00	19,75	10,25	0,00	19.10.2009	21.10.2009	20.10.2009	FINISHED
3 Introduction Projectile	3-6 Customizing	Conner Jane	20,00	16,50	3,50	3,50	02.10.2009	30.10.2009		IN_PROCESS
3.1 Introduction Accounting	3.1-1 Introduction Projectile	Conner Jane	0,00	7,50	-7,50	12,00	09.06.2009	01.10.2009		IN_PROCESS_LATE
			179,50	125,17	54,33	104,22				

Auf dem Reiter „Format“ (5. Einstellungen zur Ansicht) können beispielsweise die Breite der Abbildungen in Pixel und der Diagrammtyp ausgewählt werden.

Project chart JB000001-BB Project chart

Generate chart

Document Edit View Back references

InputData Parameters **Format** Results

5. Adjustment of chart display: Please adjust here the dimension of the chart

Width px

Height px

With image ☐

Display ▾

ChartType ▾

Paper Size ▾

Landscape Mode ☐

Wenn alternative Ausgabeformate gewünscht sind (standardmäßig werden alle Auswertungen in HTML innerhalb der Applikation erzeugt) kann im Element „Display“ das Ausgabeformat gewählt werden.

Im folgenden Beispiel wird die Auswertung Arbeitspakete Plan/Ist mit Abbildungen (Diagrammtyp „Balken 3D vertikal“) ...

Project chart JB000001-BB Project chart

Generate chart

Document Edit View Back references

InputData Parameters **Format** Results

5. Adjustment of chart display: *Please adjust here the dimension of the chart*

Width 800 px

Height 600 px

With image ☒

Display PDF

ChartType BAR_HORIZONTAL

Paper Size A4

Landscape Mode ☒

Perform now

... im Ausgabeformat PDF erzeugt.

Download

#	Open	Save	File	Size	Last modified
1			/home/projectile/projectiles/projectileKatrina/charts/1/JobDelta_200910261117131.pdf	113,96 kB (116.691)	26.10.2009 11:17:13
2			/home/projectile/projectiles/projectileKatrina/charts/1/JobDeltaImage_200910261117131.jpg	110,26 kB (112.910)	26.10.2009 11:17:13

JobDeltaImage_200910261117131.jpg:

Category	Green Bar	Purple Bar
3-1	~70%	~50%
3-2	~10%	~30%
3-3	~90%	~80%

Je nach Systemeinstellung öffnet sich die erzeugte Auswertung im Browser ...

... oder im entsprechenden Anzeigeprogramm ...

Job Target/Actual

Project	Job	Employee	Planned [h]	Actual [h]	Difference [h]	Rest	Begin	End	Closed	State
3 Introduction Projectile	3-1 Conception for combining Projectile and SAP CO/FI	Timothy Jones	16,00	38,00	-22,00	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-2 Installation Projectile	Timothy Jones	3,50	16,13	-12,63	0,00	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-3 Programming 4-3	Timothy Jones	80,00	7,28	72,72	72,72	09.06.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-4 Project Management	Conner Jane	30,00	20,00	10,00	16,00	19.10.2009	30.10.2009		IN_PROCESS
3 Introduction Projectile	3-5 3.1-1 Concept - 3 Planning	Conner Jane	30,00	19,75	10,25	0,00	19.10.2009	21.10.2009	20.10.2009	FINISHED
3 Introduction Projectile	3-6 Customizing	Conner Jane	20,00	16,50	3,50	3,50	02.10.2009	30.10.2009		IN_PROCESS
3.1 Introduction Accounting	3.1-1 Introduction Projectile	Conner Jane	0,00	7,50	-7,50	12,00	09.06.2009	01.10.2009		IN_PROCESS_LATE

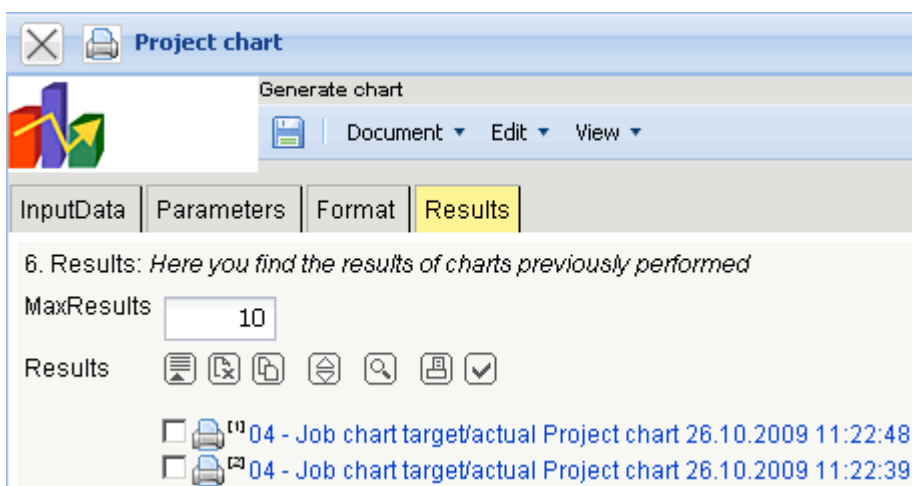
210 x 297 mm

Done

217.91.12.127

... (hier im Adobe Reader).

Im Reiter „Ergebnisse“ werden die Auswertungsergebnisse verwaltet.



Anmerkungen: Die Auswertungsergebnisse werden nur dauerhaft gespeichert, wenn der Auswertungsbereich abgespeichert ist. Die Anzahl der Ergebnisse kann im Feld „Max. Anzahl Ergebnisse“ eingestellt werden.

... Fortsetzung

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Last update: **2019/10/25 14:09**