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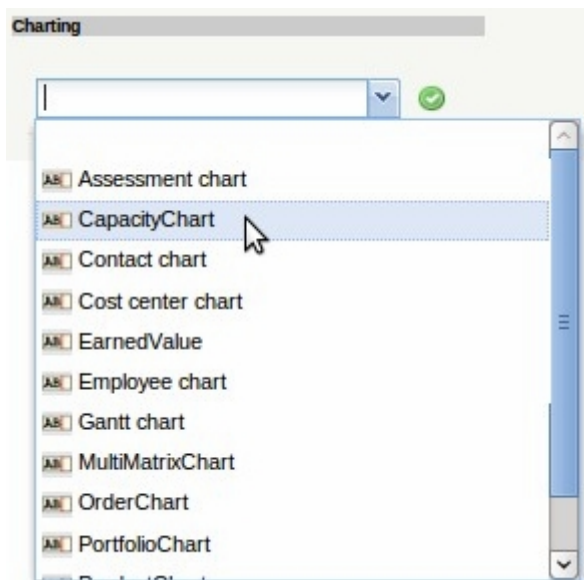
# 3.12 Chart System

The charts represent the central control tools within Projectile. Here, all employee-related, cost-related and project-related information can be accessed using various criteria. The information is available as either lists or diagrams.

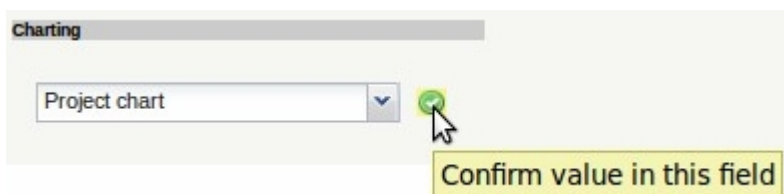
## Applying the Chart System

Projectile contains numerous [standard charts](#). The charts are grouped by topic in chart blocks and contain up to 14 individual charts.

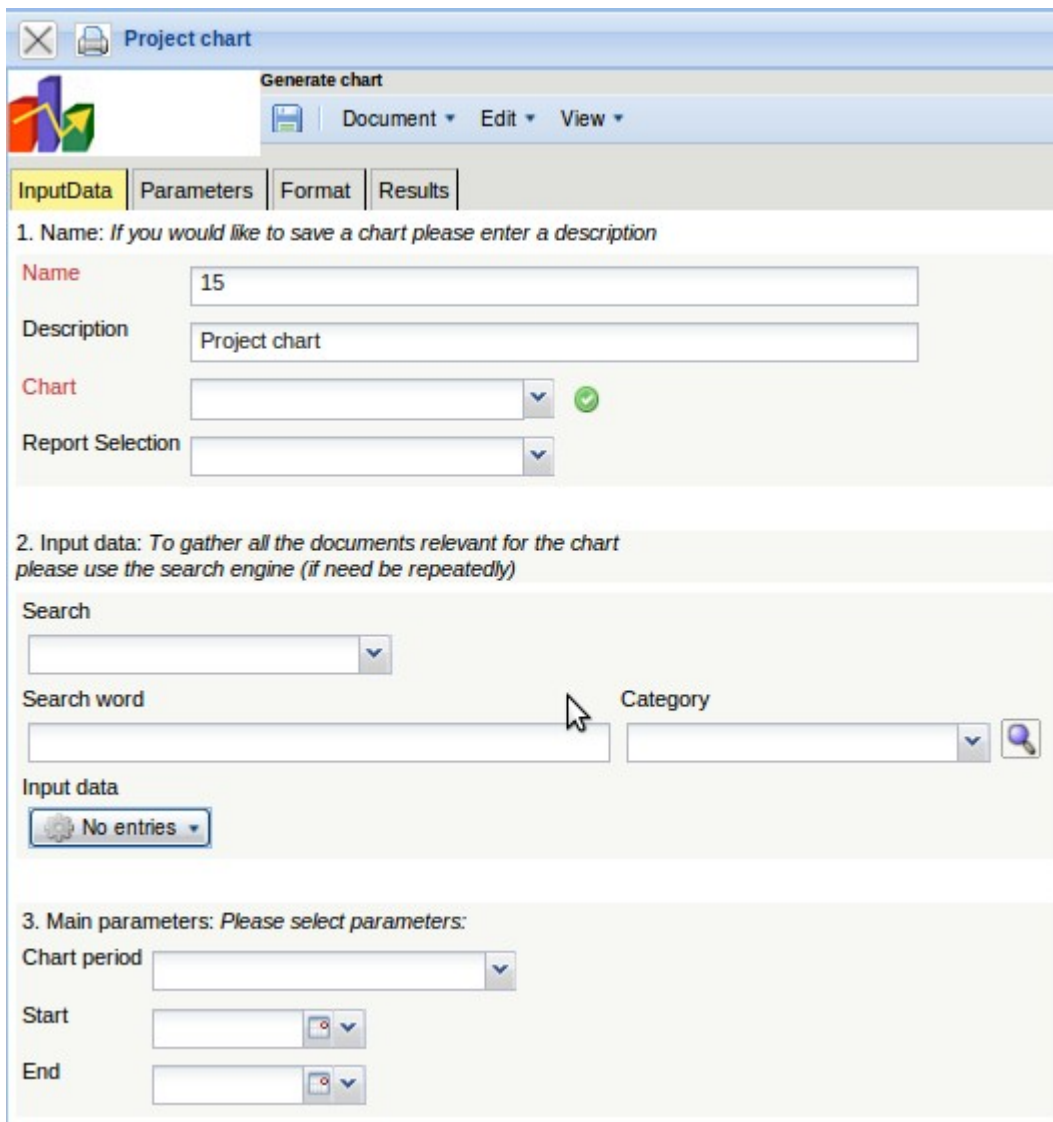
The charts can be opened in the work area using the action "Charting".



In the following example, various [project-related charts](#) are presented. The [project overview](#), the [work breakdown structure](#), [Projekte Plan/Ist /projects plan/actual comparisons](#) and [jobs plan/actual comparison](#), the [milestone trend analysis](#), the [degrees of completion](#), [time sheet](#) and the Skill Matrix belong to this chart block.



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



The first part (1. name) can be used for the naming the charts, if the chart is saved. Saving the chart is useful if the selection criteria for the charts remain constant, for example a list of all active projects for the current quarter. This saved chart can be copied to the clipboard or be used as the basis for a [time service](#) to automate charts. In addition, charts can also be generated in the background. To view the chart results, the charts must also be stored.

The second part (2. input data) is to determine the input data for the chart. In the third part (3. main criteria) the input data may be given a limited time span.

In the first example, the selection criteria for entering data, two projects from the personal clipboard is selected. These projects are highlighted in the clipboard, ...

Entries

page 1 of 1 1 - 7

	Description
<input type="checkbox"/>	1 GoodsGroup 1 Projectile
<input type="checkbox"/>	2 ChangeRequest 3-1 Change request
<input type="checkbox"/>	3 Collection Query 'Projectile'
<input type="checkbox"/>	4 Project 3 Introduction Projectile
<input type="checkbox"/>	5 Project 1 Introduction Projectile 2.5
<input checked="" type="checkbox"/>	6 Project 3 Introduction Projectile
<input checked="" type="checkbox"/>	7 Project 3 Introduction Projectile

... copied and ...

page 1 of 1 1 - 7

	Description
<input checked="" type="checkbox"/>	6 Project 3 Introduction Projectile
<input checked="" type="checkbox"/>	7 Project 3 Introduction Projectile

Remove  
Cut  
Copy  
Add to clipboard  
Create report from list  
Toggle select

pasted in the entry 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: Please select parameters:

No entries Paste New document

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

Input data

page 1 of 1

<input type="checkbox"/>		
<input type="checkbox"/>	1	Project 3 Introduction Projectile


... Project 3 Introduction Projectile is the selection criteria, to which the charts are related. Afterwards the displayed time span of the chart is limited to the current year ...

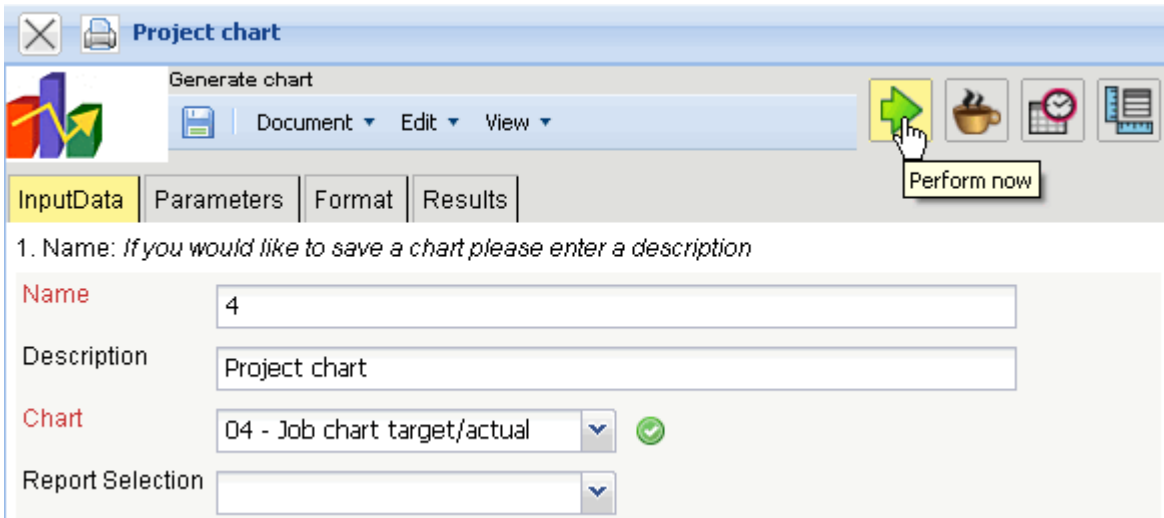
3. Main parameters: *Please select parameters:*

Chart period: Current year

Start: 01.01.2009

End: 31.12.2009

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

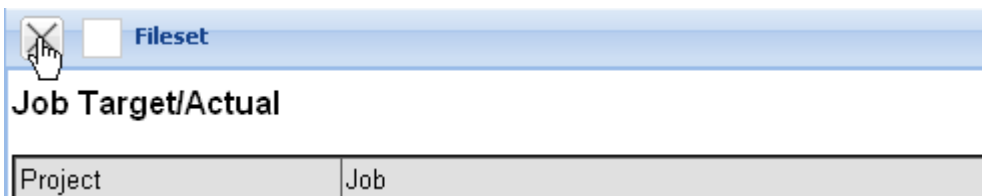


When the chart results are generated, the system presents the results in the browser. This chart contains information related to the projects, processes and/or jobs and employees, the planned and actual times with remaining time/effort and the corresponding difference (plan - actual), the planned completion period (start/end) and the status information (status, completion date and degree of completion for the task).

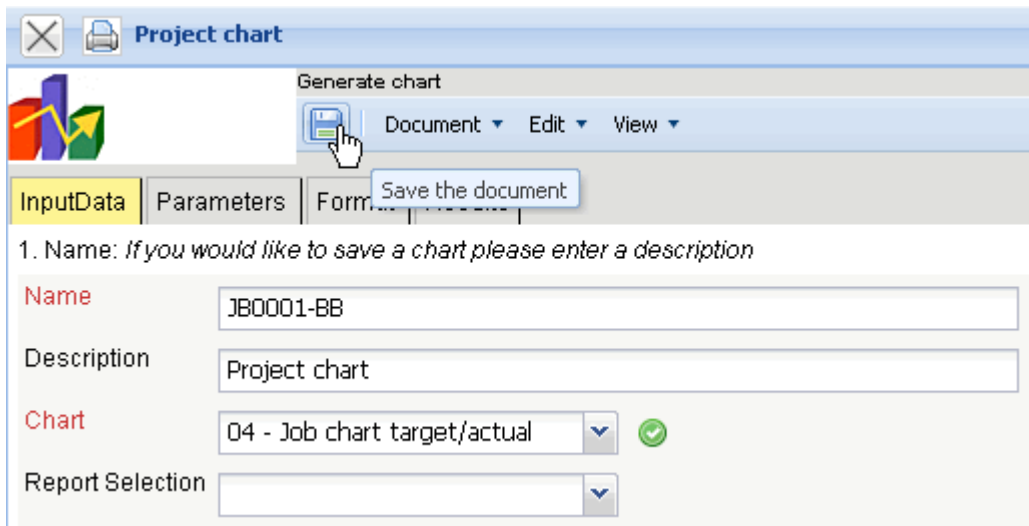
**Job Target/Actual**


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
			<b>139,50</b>	<b>125,17</b>	<b>14,33</b>	<b>64,22</b>				

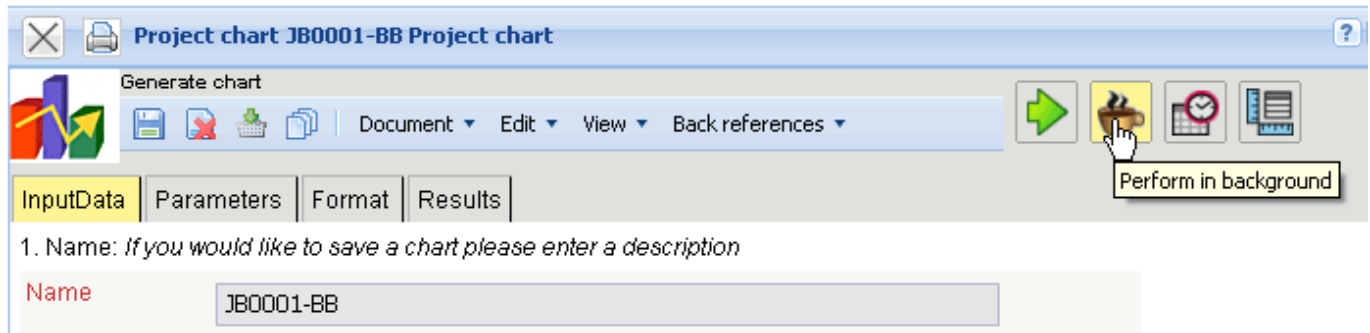
After closing the chart results, the project chart block is displayed once again.



If the chart block is saved, the chart block can be used as a basis for time services or for charts in the background.



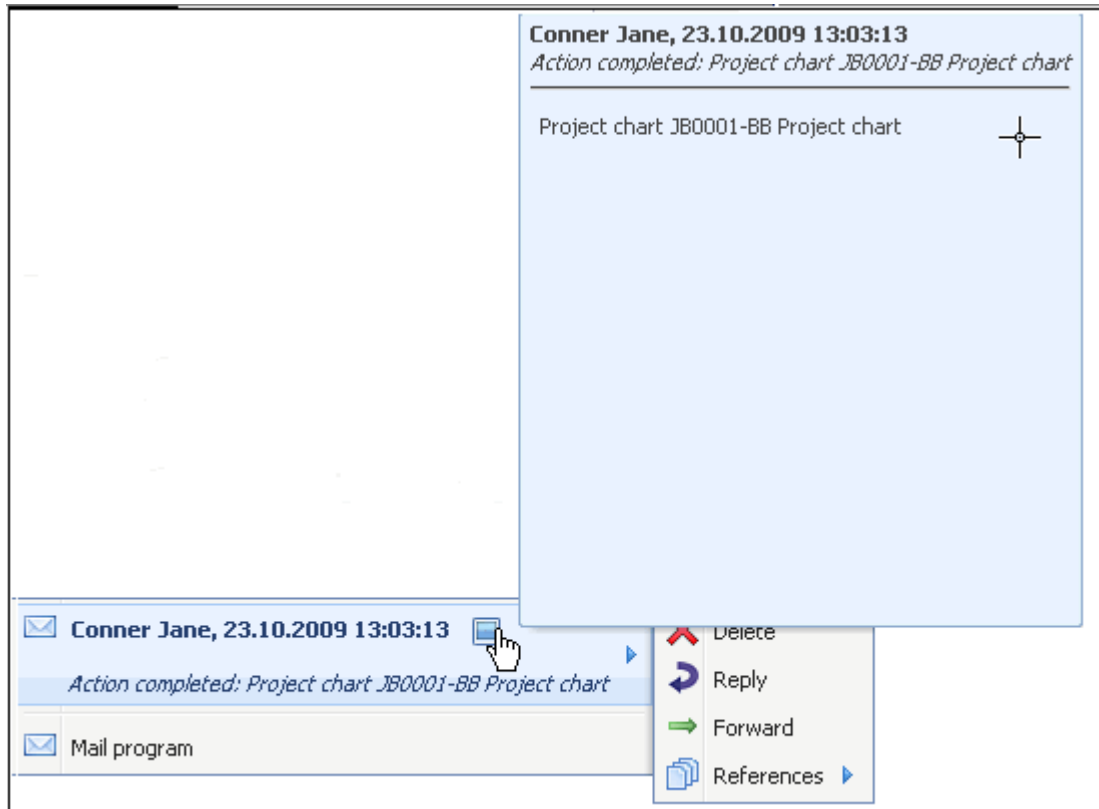
Using the  button, charts can be started in the background.



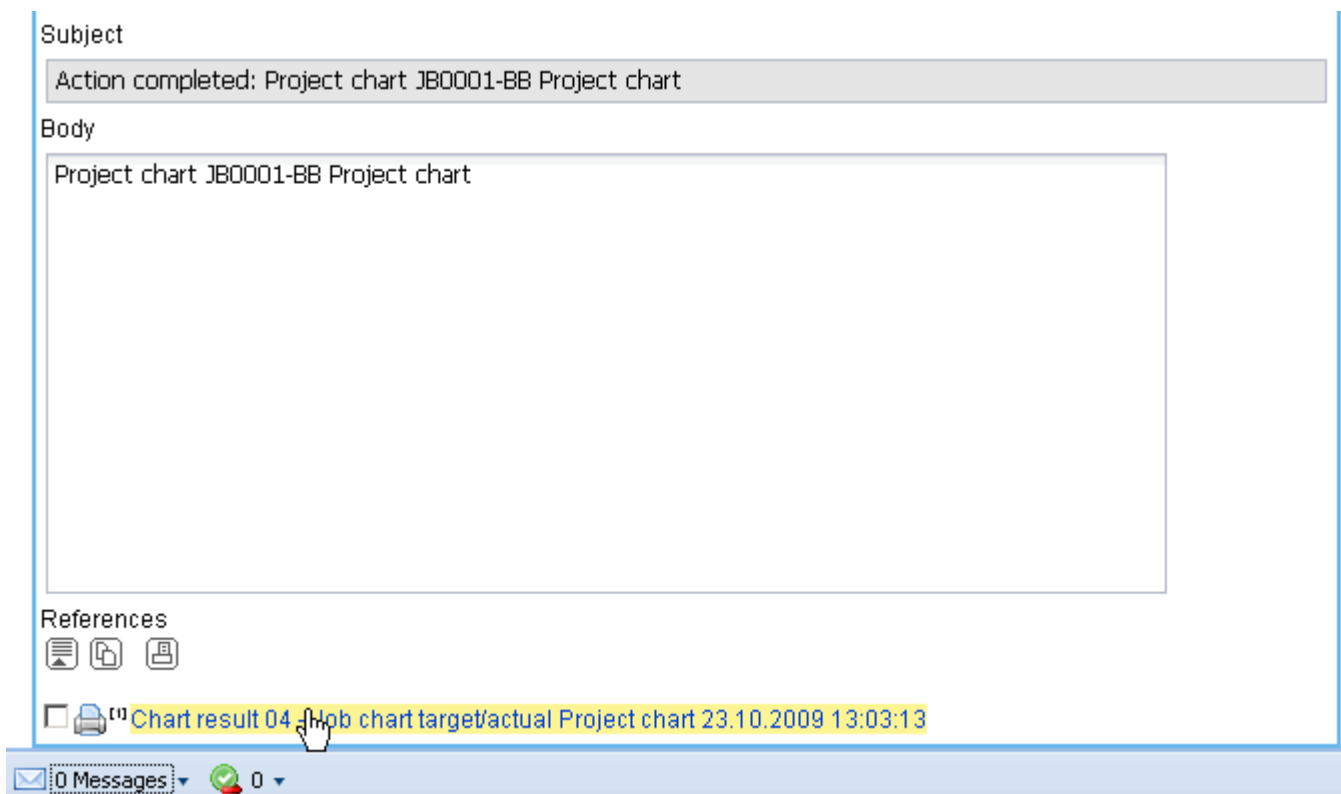
The user is informed of the background process by the system and displays ...



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



In the mailer a message appears and the user can use the link to access ...



... the chart results.

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: [Empty field]

Comment: [Empty field]

**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 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	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
	3-7 A A A A A A A	3 A A A A A A	137,50	125,17	12,33	100,72				

In the second example, the standard search engine for the selection of input data is used. Here, for example, all projects (selected category), which contain the term "Projectile" ...

Search

Search word: Projectile

Category: Project

Find

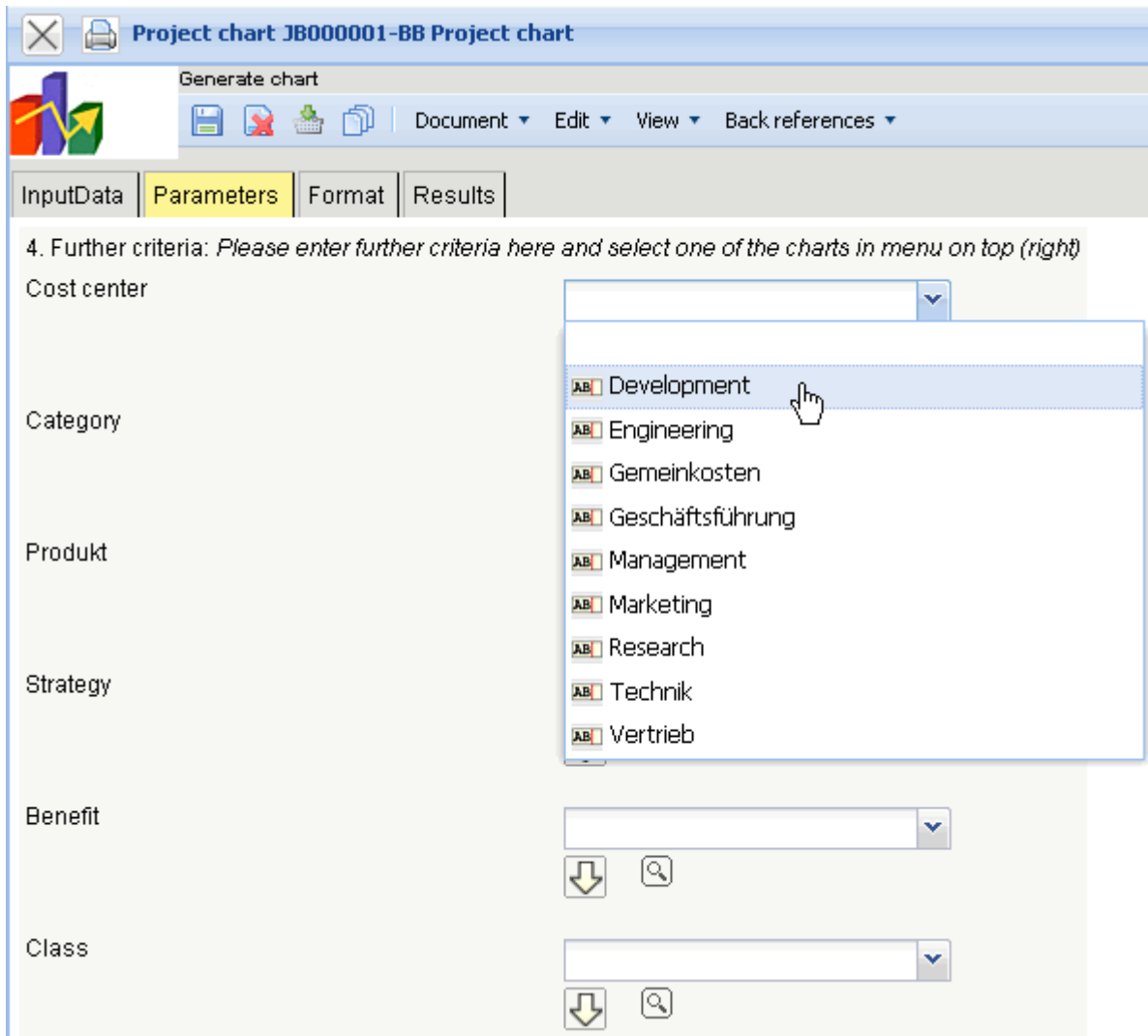
Input data

page 1 of 1

<input type="checkbox"/>	1	Project 1 Introduction Projectile 2.5
<input type="checkbox"/>	2	Project 1.1 Planning
<input type="checkbox"/>	3	Project 1.2 Customizing
<input type="checkbox"/>	4	Project 2 Introduction Projectile 2.7
<input type="checkbox"/>	5	Project 2.1 Planning
<input type="checkbox"/>	6	Project 2.2 Customizing
<input type="checkbox"/>	7	Project 3 Introduction Projectile
<input type="checkbox"/>	8	Project 7 Update Projectile
<input type="checkbox"/>	9	Project 7.1 Introduction Accounting

... are used as input data.





This process can be performed a multiple amount of times (with various categories).

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

Name: JB000001-BB  
Description: Project chart  
Chart: 04 - Job 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: Projectile Category: Project

Input data

1	Project 2 Introduction Projectile 2.7
2	Project 3 Introduction Projectile

The third possibility to select the input data, is by using the advanced search. Here, appropriate queries are stored, which can be used immediately.

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

Search

Top

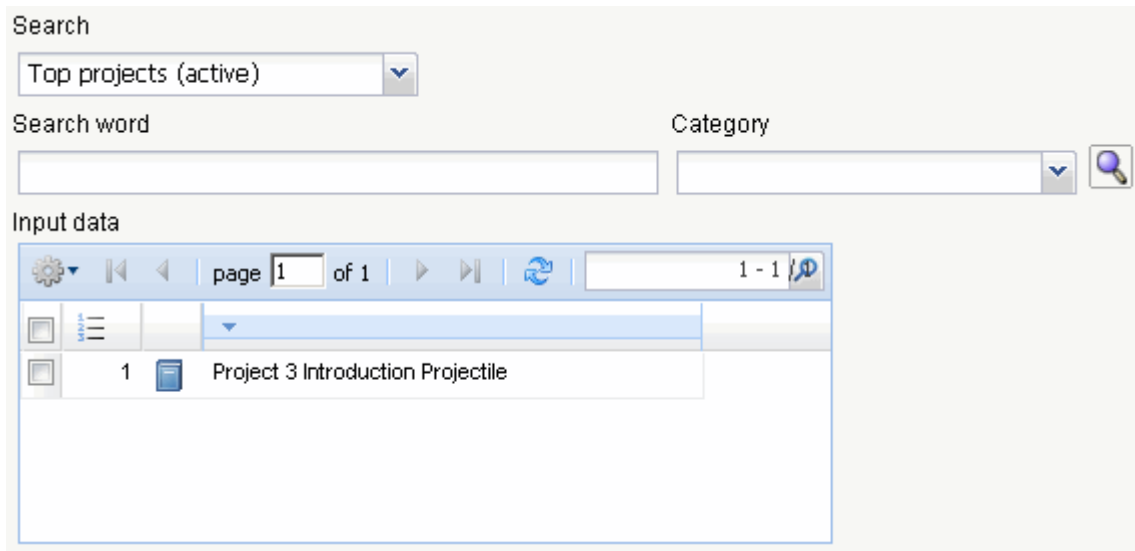
Top projects (active)

Category

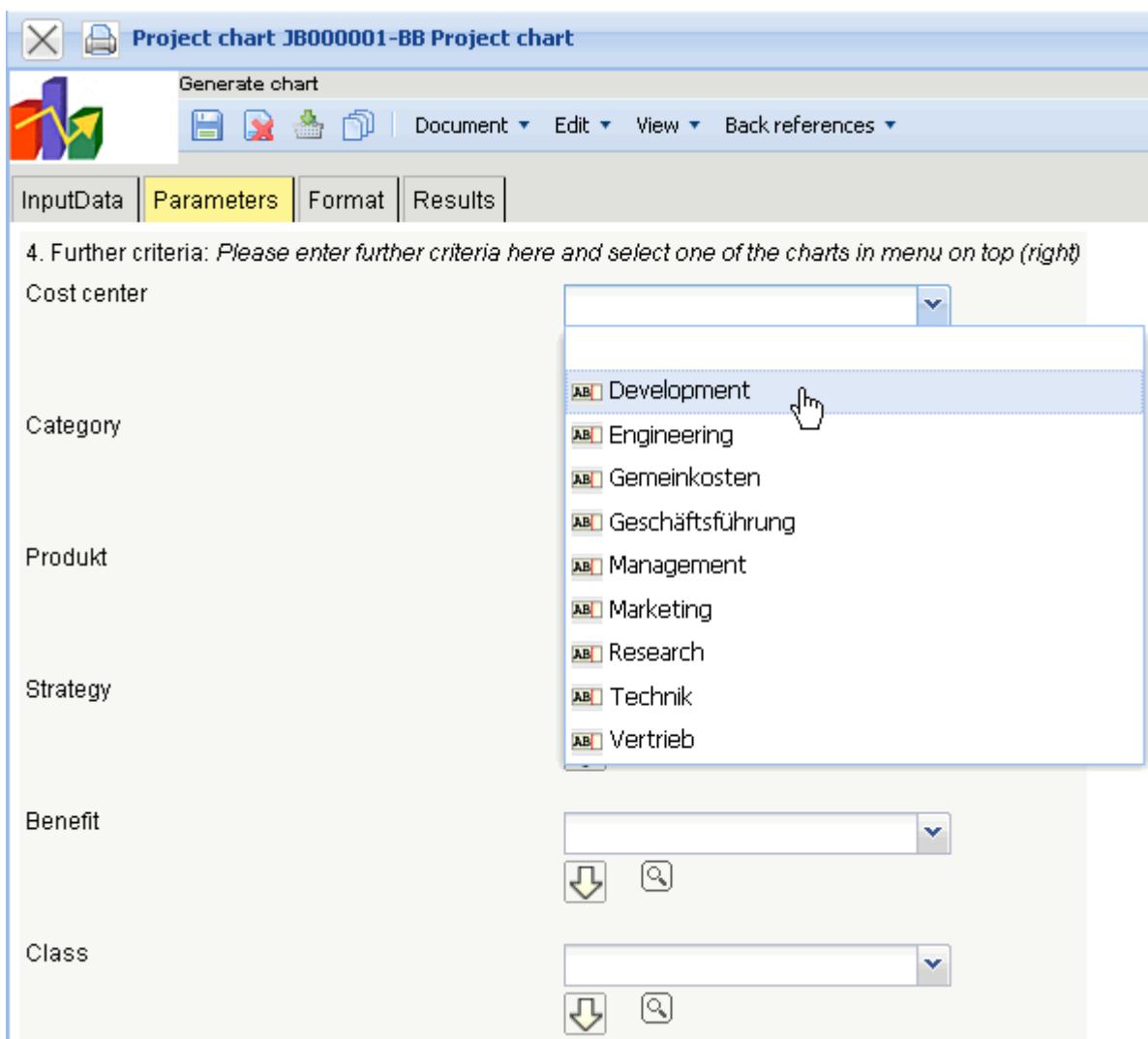
Input data

No entries

In the example, all top projects with the status „active“ are transferred to the input data.



In the example, all projects are evaluated, which are applied to the cost center „development“, a project class as a must/shall project ...



Then the view time span (3. Main parameters) and the further criteria are used (4. Parameters) to limit the results of the charts. These parameters include for example, the cost center of the project, the project type, project status, priority, and whether the project is an external order or not. The other options relate to filtering 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

In the example, all projects are evaluated, which are assigned to cost center technology, the project type customizing or introduction are assigned, a necessary project or an optional project ...

Class

AB <sup>[1]</sup> 2 - Soll  
 AB <sup>[2]</sup> 3 - Muss

Activity

Priority

Period

External order / project

AB <sup>[1]</sup> 1

Take unit of employee

ShowDocumentsWithoutTrackedTime

Jobs in detail

OneLinePerPeriod

Only top projects

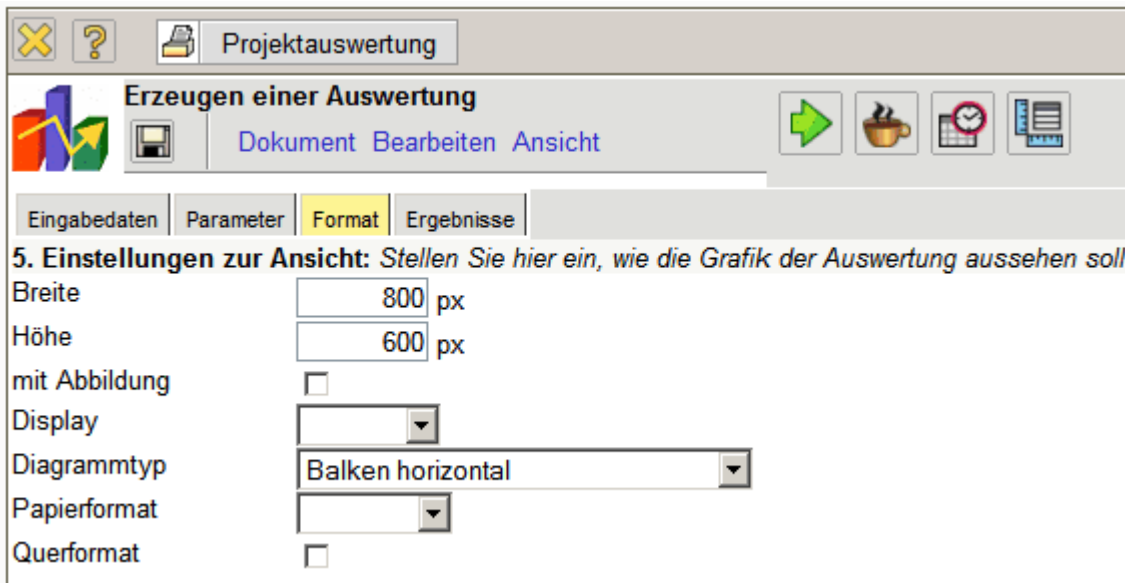
IntersectionFilter

ApplyFilterOnSubProjects

... and has the status active or advance services.

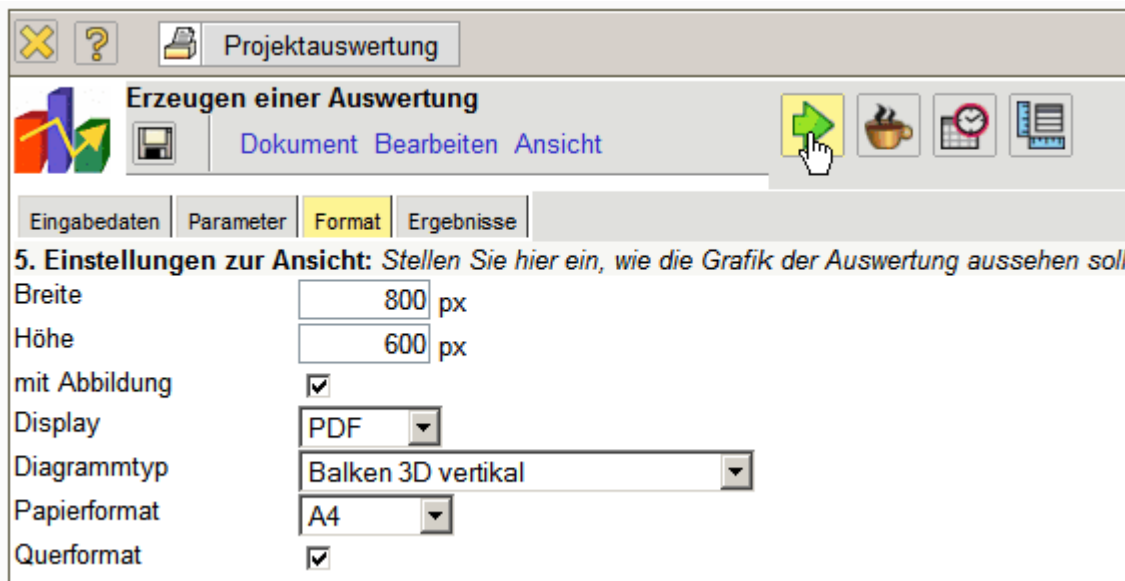
Arbeitspakete Plan/Ist											
Projekt	Vorgang	Mitarbeiter	Plan [h]	Ist [h]	Rest [h]	Differenz	Plan-Beginn	Plan-Ende	Ist-Ende	Status	FG [%]
92 QM-Modul	92-1 Projektleitung	Schaub Peter	40,00	35,00	6,00	5,00	05.12.2006	26.01.2007		in Arbeit	85,37
92.1 Planung	92.1-1 Konzeption	Becker Norbert	24,00	16,00	8,00	8,00	05.12.2006	20.12.2006		in Arbeit, verspätet	66,67
92.1 Planung	92.1-2 Spezifikation	Batzreck Klaus	24,00	0,00	24,00	24,00	20.12.2006	27.12.2006		geplant	0,00
92.1 Planung	92.1-3 Pflichtenheft	Schmidt Lisa	32,00	0,00	32,00	32,00	28.12.2006	03.01.2007		geplant	0,00
92.2 Umsetzung	92.2-1 Templates	Becker Norbert	24,00	0,00	24,00	24,00	08.01.2007	10.01.2007		geplant	0,00
92.2 Umsetzung	92.2-2 Applikationslogik	Schneider Christian	48,00	0,00	48,00	48,00	11.01.2007	12.01.2007		geplant	0,00
92.2 Umsetzung	92.2-5 Reports	Lange Sandra	32,00	0,00	32,00	32,00	15.01.2007	18.01.2007		geplant	0,00
92.2 Umsetzung	92.2-6 Testen	Franke Helene	8,00	0,00	8,00	8,00	26.01.2007	26.01.2007		geplant	0,00
92.2 Umsetzung	92.2-7 Dokumentation	Schaub Peter	8,00	0,00	8,00	8,00	19.01.2007	19.01.2007		geplant	0,00
VF09 Einführung Projectile	VF09-1 Projektleitung	Batzreck Klaus	24,00	184,00	1,00	-160,00	13.03.2006	05.06.2006		in Arbeit, verspätet	99,46
VF09.1 Planung	VF09.1-1 Konzeptgespräche	Möller Frauke	16,00	0,00	16,00	16,00	13.03.2006	16.03.2006		geplant, verspätet	0,00
VF09.1 Planung	VF09.1-2 Pflichtenheft erstellen	Franke Helene	12,00	10,00	6,00	2,00	20.03.2006	23.03.2006		in Arbeit, verspätet	50,00
VF09.2 Customizing	VF09.2-1 Entwicklung	Schaub Peter	64,00	24,75	0,00	39,25	23.03.2006	21.04.2006	27.04.2006	erledigt, verspätet	100,00
VF09.2 Customizing	VF09.2-2 Dokumentation	Franke Helene	20,00	1,00	0,00	19,00	10.05.2006	24.05.2006	06.04.2006	erledigt	100,00
VF09.2 Customizing	VF09.2-3 Testen	Gielert Thomas	8,00	0,00	8,00	8,00	10.05.2006	24.05.2006		geplant, verspätet	0,00
VF09.3 Einführung	VF09.3-1 Installation/Konfiguration	Franke Helene	8,00	0,00	8,00	8,00	24.05.2006	29.05.2006		geplant, verspätet	0,00
VF09.3 Einführung	VF09.3-2 Schulung	Schaub Peter	16,00	23,00	0,00	-7,00	29.05.2006	02.06.2006	06.07.2006	erledigt, verspätet	100,00
			408,00	293,75	229,00	114,25					

On the "format" tab (5. Settings for chart display), for example, the width of the images in pixels are selected and the diagram type is selected.



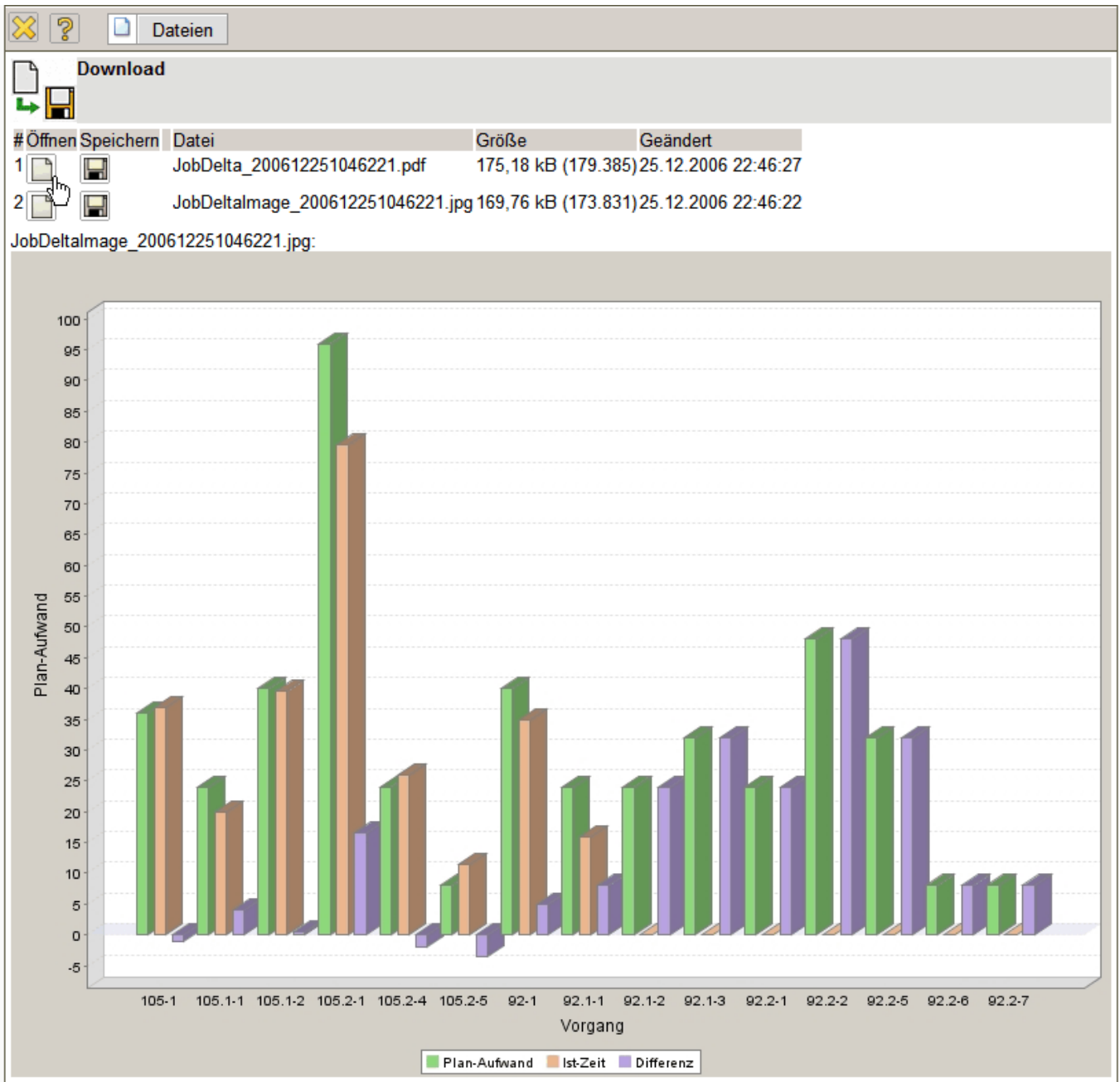
If alternative output formats are desired (by default, all reports are generated in HTML within the application) the output format can be chosen in the element "display".

In the following example, the chart job plan/actual is generated with the illustration (diagram type "bar chart") ...



... with the pdf output format.

Depending on the system setting, the generated chart is opened in the browser ...



... or in the appropriate display program ...

Adobe Reader - [JobDelta\_200612251056461.pdf]

Seiten

### Arbeitspakete Plan/Ist

Projekt	Vorgang	Mitarbeiter	Plan [h]	Ist [h]	Rest [h]	Differenz	Plan-Beginn	Plan-Ende	Ist-Ende	Status	FG [%]
105 Implementation Projectile	105-1 Projektleitung	Schaub Peter	36,00	37,00	0,00	-1,00	09.02.2004	05.03.2004	06.03.2004	erledigt, verspätet	100,00
105.1 Planung	105.1-1 Konzeptgespräche	Schaub Peter	24,00	20,00	0,00	4,00	09.02.2004	11.02.2004	11.02.2004	erledigt	100,00
105.1 Planung	105.1-2 Pflichtenheft erstellen	Meier Dieter	40,00	39,50	0,00	0,50	11.02.2004	17.02.2004	17.02.2004	erledigt	100,00
105.2 Customizing	105.2-1 Entwicklung	Miller John	96,00	79,50	0,00	16,50	17.02.2004	26.02.2004	27.02.2004	erledigt, verspätet	100,00
105.2 Customizing	105.2-4 Dokumentation	Meier Dieter	24,00	26,00	0,00	-2,00	26.02.2004	01.03.2004	02.03.2004	erledigt, verspätet	100,00
105.2 Customizing	105.2-5 Testen	Schaub Peter	8,00	11,50	0,00	-3,50	26.02.2004	01.03.2004	01.03.2004	erledigt	100,00
92 QM-Modul	92-1 Projektleitung	Schaub Peter	40,00	35,00	6,00	5,00	05.12.2006	26.01.2007		in Arbeit	85,37
92.1 Planung	92.1-1 Konzeption	Becker Norbert	24,00	16,00	8,00	8,00	05.12.2006	20.12.2006		in Arbeit, verspätet	66,67
92.1 Planung	92.1-2 Spezifikation	Batzek Klaus	24,00	0,00	24,00	24,00	20.12.2006	27.12.2006		geplant	0,00
92.1 Planung	92.1-3 Pflichtenheft	Schmidt Lisa	32,00	0,00	32,00	32,00	28.12.2006	03.01.2007		geplant	0,00
92.2 Umsetzung	92.2-1 Templates	Becker Norbert	24,00	0,00	24,00	24,00	08.01.2007	10.01.2007		geplant	0,00
92.2 Umsetzung	92.2-2 Applikationslogik	Schneider Christian	48,00	0,00	48,00	48,00	11.01.2007	12.01.2007		geplant	0,00
92.2 Umsetzung	92.2-5 Reports	Lange Sandra	32,00	0,00	32,00	32,00	15.01.2007	18.01.2007		geplant	0,00
92.2 Umsetzung	92.2-6 Testen	Franke Helene	8,00	0,00	8,00	8,00	26.01.2007	26.01.2007		geplant	0,00
92.2 Umsetzung	92.2-7 Dokumentation	Schaub Peter	8,00	0,00	8,00	8,00	19.01.2007	19.01.2007		geplant	0,00
			468,00	264,50	190,00	203,50					

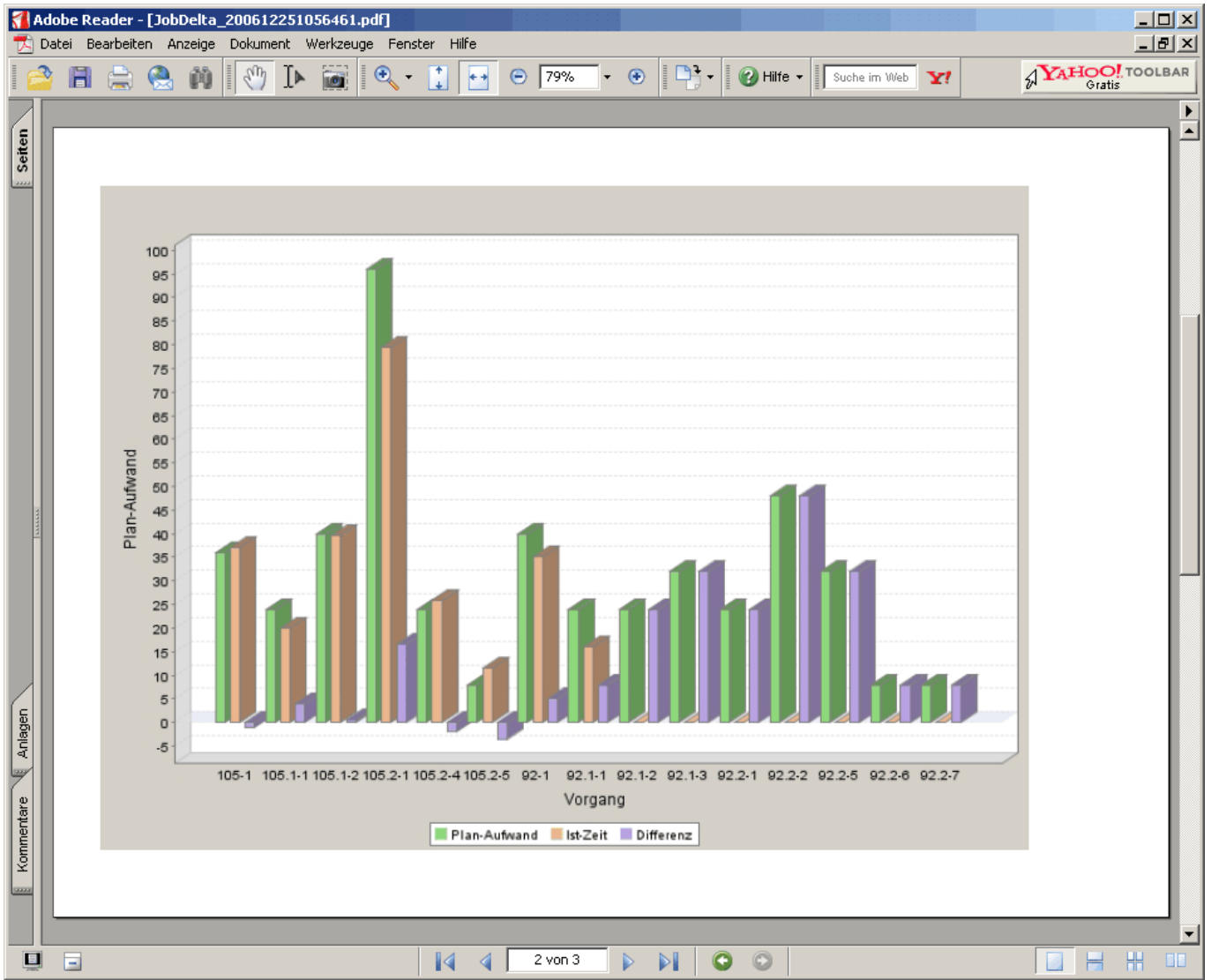
Anlagen

Kommentare

1 von 3

... (here with Adobe Reader).





In the “Results” tab, the chart results are administered.

The screenshot shows a software interface for 'Projektauswertung'. The 'Ergebnisse' tab is active, displaying a list of results. The interface includes a toolbar with icons for 'Erzeugen einer Auswertung', 'Dokument', 'Bearbeiten', and 'Ansicht'. Below the toolbar, there are tabs for 'Eingabedaten', 'Parameter', 'Format', and 'Ergebnisse'. The main content area shows the following text:

6. Ergebnisse: Hier finden Sie die Ergebnisse bereits durchgeführter Auswertungen

Max. Anzahl Ergebnisse

Ergebnisse

- [1] 04 - Arbeitspakete Plan/Ist Projektauswertung 25.12.2006 22:56:43
- [2] 04 - Arbeitspakete Plan/Ist Projektauswertung 25.12.2006 22:46:18
- [3] 04 - Arbeitspakete Plan/Ist Projektauswertung 25.12.2006 22:43:24
- [4] 04 - Arbeitspakete Plan/Ist Projektauswertung 25.12.2006 22:42:06
- [5] 04 - Arbeitspakete Plan/Ist Projektauswertung 25.12.2006 22:41:34

**Notes:** The chart results are stored permanently only if the chart block is stored. The number of results in the field “Maximum number of results” can be set.

From:  
<https://infodesire.net/dokuwiki/> - **Projectile-Online-Handbuch**

Permanent link:  
[https://infodesire.net/dokuwiki/doku.php?id=en:handbuch:kapitel\\_3:3.12\\_auswertungssystem&rev=1260795495](https://infodesire.net/dokuwiki/doku.php?id=en:handbuch:kapitel_3:3.12_auswertungssystem&rev=1260795495)



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