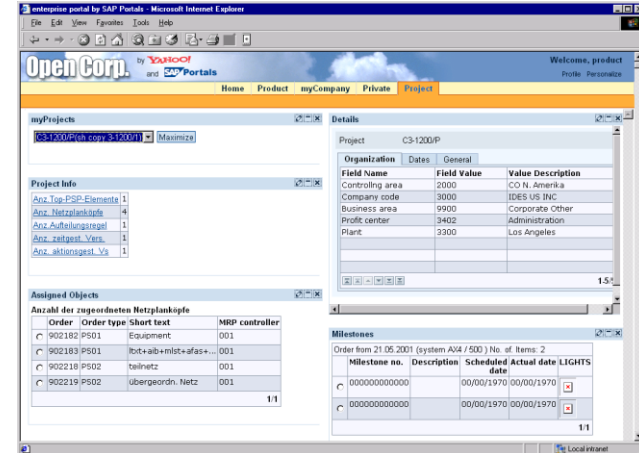
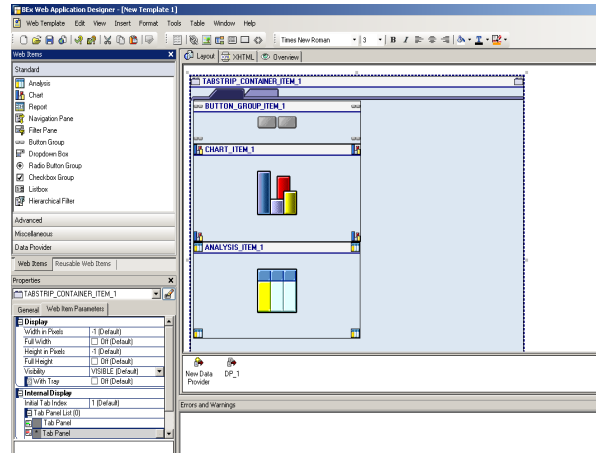
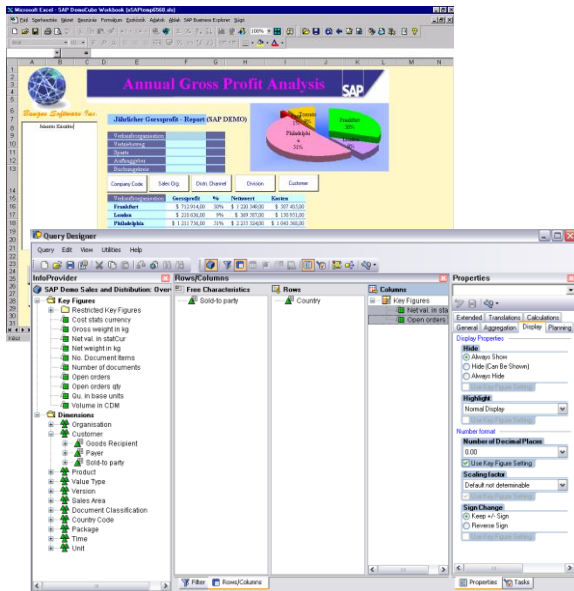


SAP BW

Lesson 09: Enterprise Reporting Part 3 RRI

WAD

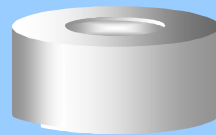
BEx Web Application Designer (WAD)



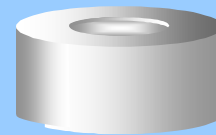
OLAP Processor

Web Service

Charting Engine



HTLM Templates

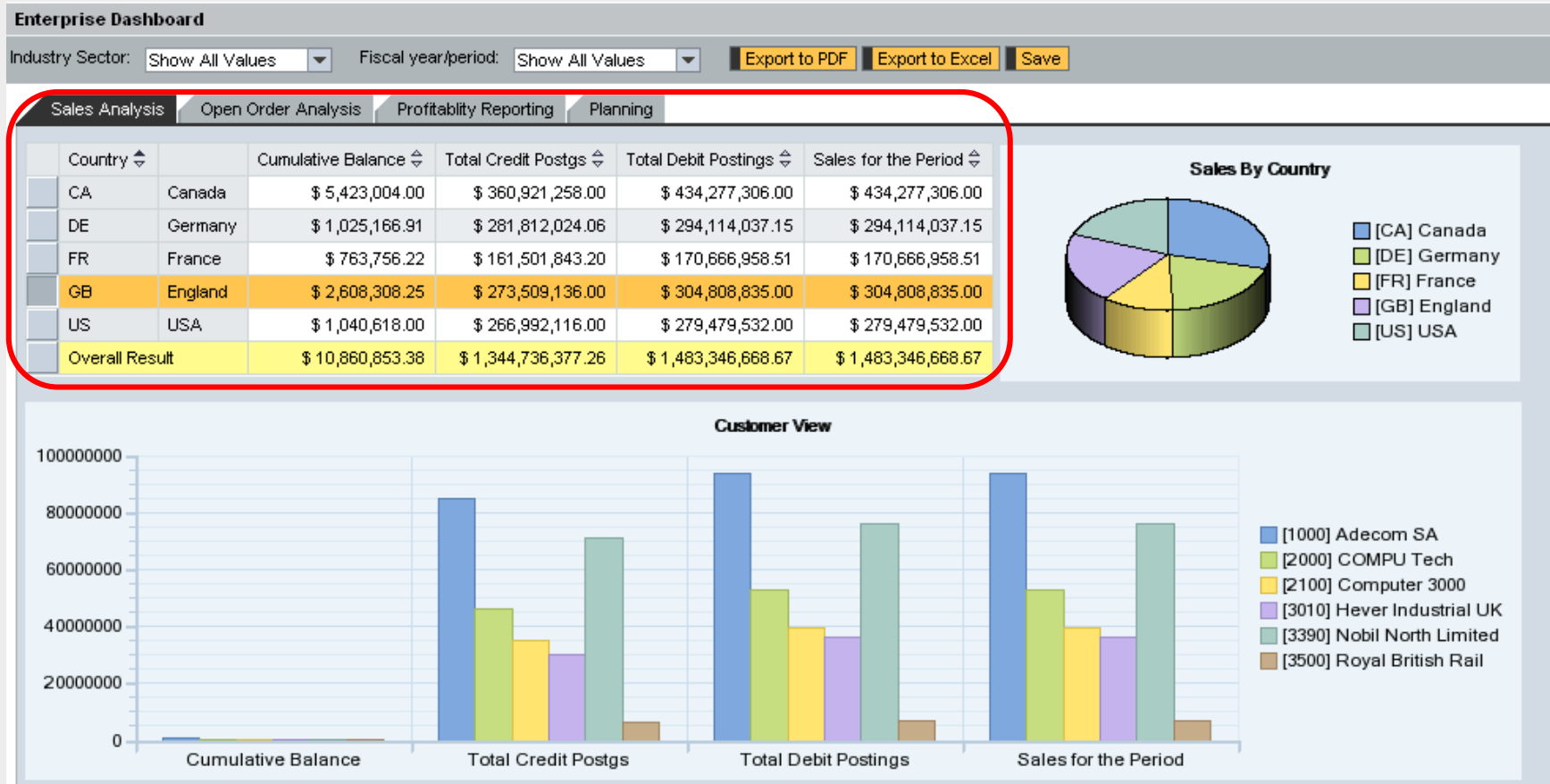


InfoProvider

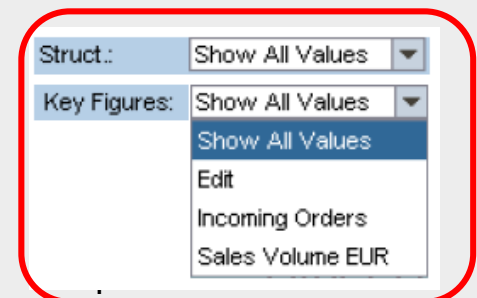
WAD is an intuitive tool to build powerful web applications and to interact with portals and custom templates.

BW queries can be manipulated in WAD for better display

BEx Report Designer and WAD



You can also let your SAP BI users do basic navigation on the formatted reports by either integrating navigation, or adding this in the Web Application Designer (WAD)

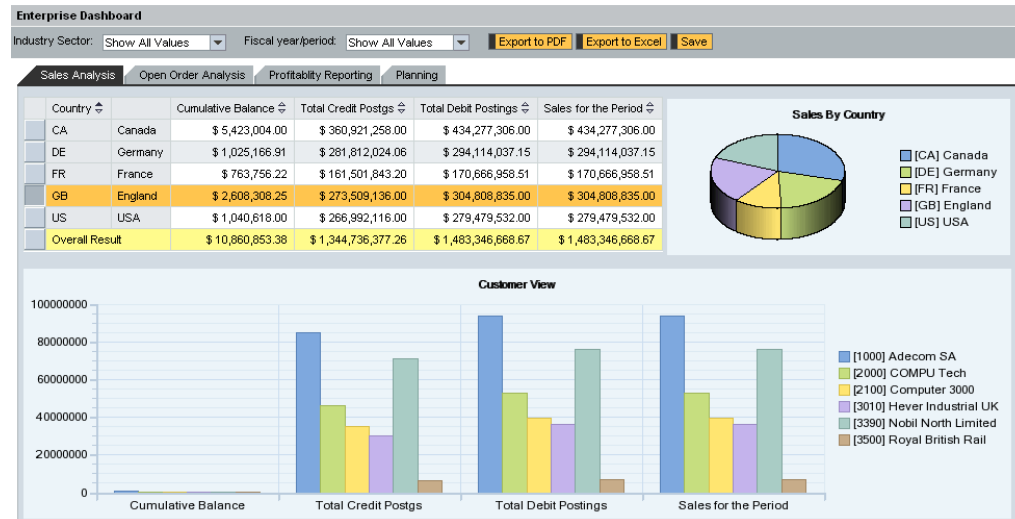
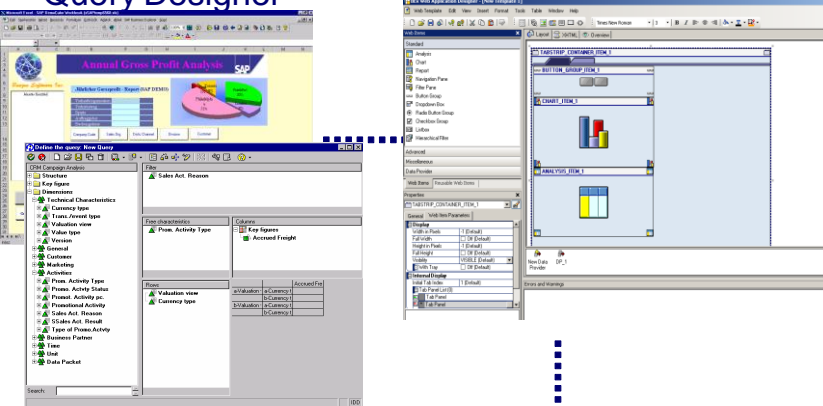


Web Application Designer for custom applications

WAD can also incorporate other non-SAP web items into powerful cockpits and custom report centers.

BEx Analyzer/
Query Designer

BEx Web Application Designer



OLAP Processor

Web Service

Charting Engine

HTML Templates

InfoProvider

While WAD can be used by developers without extensive HTML and Java scripting knowledge, these skills will be useful on most projects.

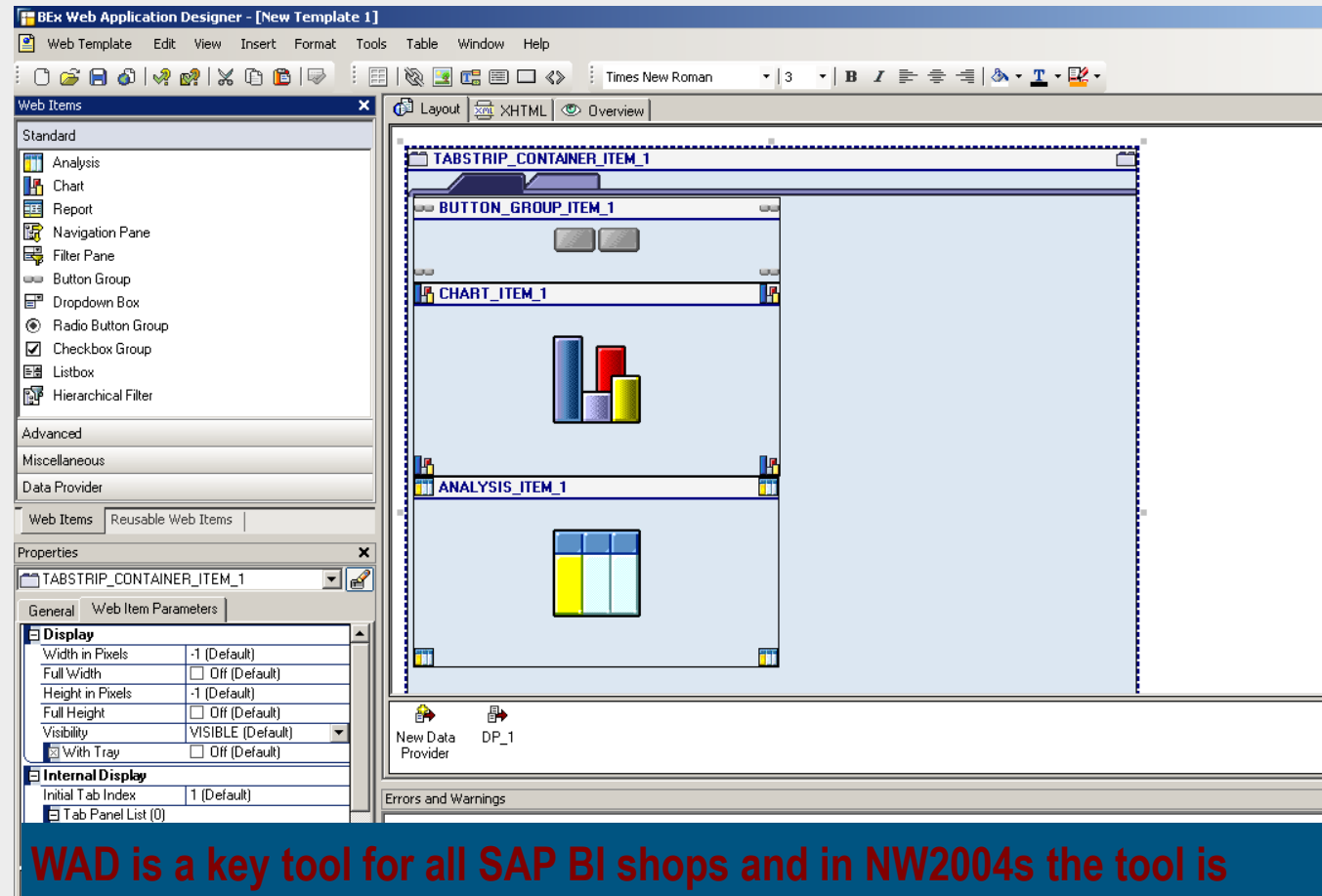
Web Application Designer gets better



The Web Application Designer is improved with new chart types (Heat Map, GANTT & Milestone Trend Analysis), as well as new layout elements such as 'tab strips'.

WAD also has new step-by-step wizards for maps, command editing to create Web API Commands and charts, as well as a simplified wizard for layout elements such as radio buttons, action buttons etc.

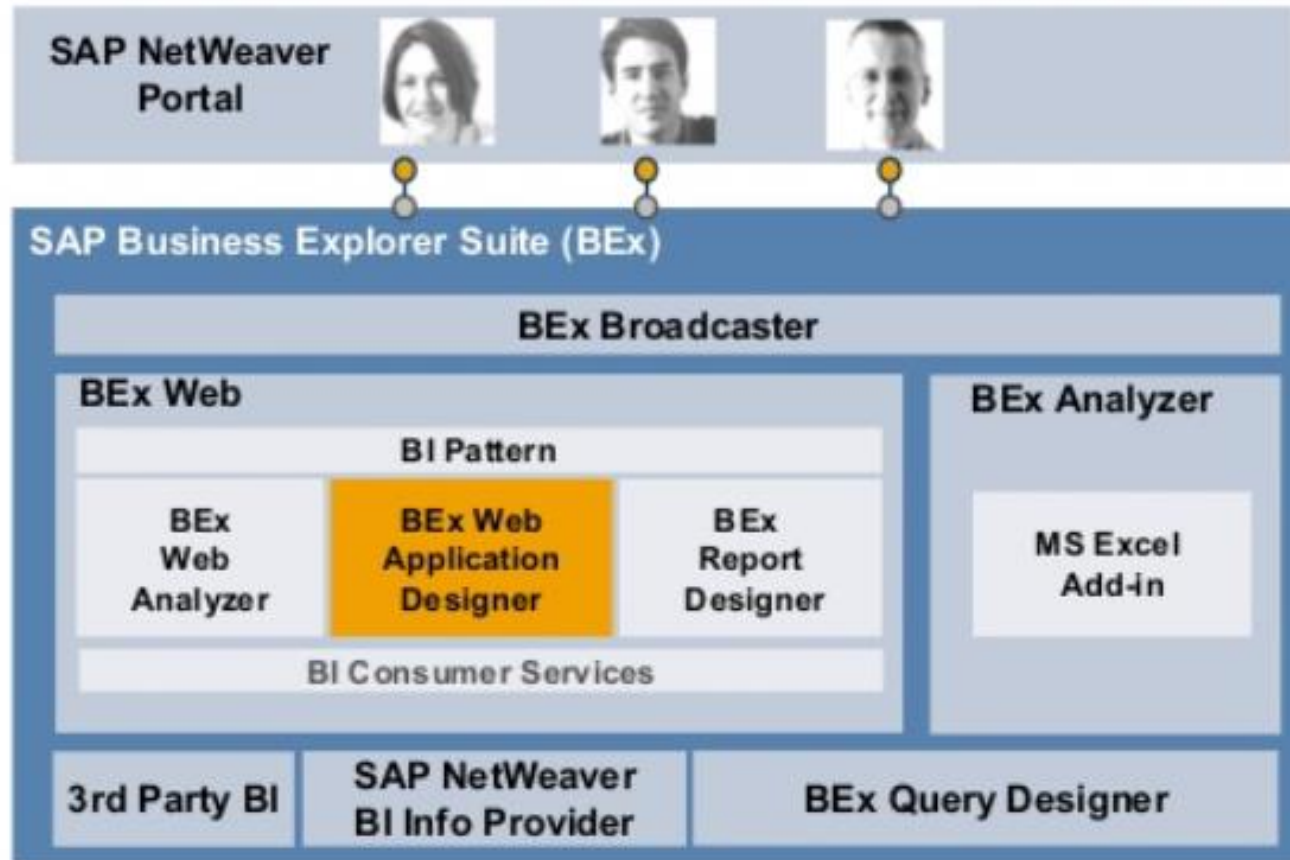
This reduce the amount of custom coding required with the help of Command wizards, Auto complete and support for HTML tags.



WAD is a key tool for all SAP BI shops and in NW2004s the tool is simplified & more powerful.

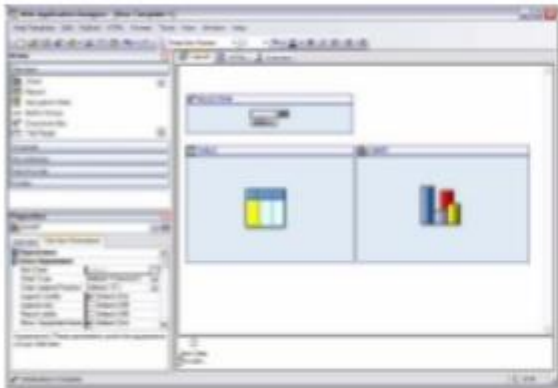
New: integration with NW 2004s BEx Report Designer.

Overview



Designing a Web Application

Designing a Web Application



Web application design takes place in the Business Explorer (BEx) Web Application Designer, a Visual Basic .NET-based, Unicode-compliant tool.

■ Model-driven BI application building

- Wizards for charts, maps, command editing
- Wizard for layout elements (e.g. buttons)
- „Syntax Auto-Complete“ support for Web API developers
- Easy integration of native HTML commands

■ New layout elements (Tab strips etc.)

■ New Web items

■ New chart types, e.g. GANTT chart, MTA chart

■ Design of planning aware business applications

Web Items



Grouping of web items

- **'Standard'** - most frequently used items
- **'Advanced'** - used less often
- **'Miscellaneous'** - special items

Item properties are grouped as well

- **'Display'** – all properties affecting the rendering of the item such as width, height and visibility
- **'Internal Display'** – all properties relating to item specific rendering, i.e. alternate table row styles for the analysis item
- **'Behavior'** – item specific behavior
- **'Data Binding'** – item specific settings such as assignment of data provider or specification of characteristics for a filter pane

Selection of Web Items

Button Group Button Group

- Display a group of Buttons where each button can execute one or more commands (e.g. Filter by region)

Tab Pages Item Tab Pages

- Each tab page is assigned exactly one web item
- If you want to group multiple Web items on a tab page, use the Container or Container Layout Web item and assign it to the tab page

Container Container

- Collection of your own HTML code or an assortment of Web items
- E.g. within a tab page you may want to organize your HTML for each tab

Report Item Report

- Embed reports created with the new BEx Report Designer directly in your web application

Selection of Web Items

Property Pane Item Property Pane

- Before, web item properties could only be changed at design time or at run time via the Web API
- The property pane now allows the user to change web item properties at runtime

Filter Pane Filter Pane

- Enables the display of multiple filter dropdown boxes for a data provider
- Selections can be made automatically, can be predefined or made at run time using drag & drop

Group Group

- Group one or more web items in three parts (caption, toolbar and content area)

Documents

- Documents of all formats can now be embedded in place. No need to create frames or iFrames in the Web application
 - Online displaying, editing & creation of documents
 - Use KM services on documents stored on the BI server via the BW repository managers
-



You can use BI Web API commands for carrying out certain actions in BI Web Applications.

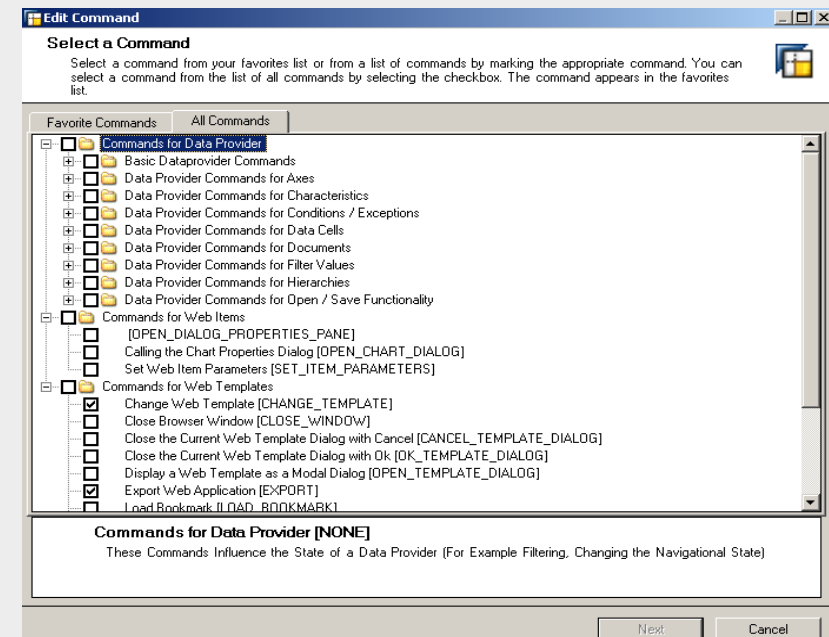
- Export to Excel, PDF etc.
- OLAP functions: Apply Filter values, remove drill downs

Command Wizards guide you through the steps for creating a BI Web API command

Commands appear together for easy access

- Data Provider
- Web Items
- Web Templates

Reduces the amount of custom coding required with the help of Command wizards, Auto complete, and support for HTML tags





- Web Items: Tab Pages, Button, Script Item (SAP NetWeaver 2004s Support Package Stack 7)
- Drag and drop using Analysis item
- New chart types (heat map, Gantt, milestone trend analysis)
- Export BI Web applications in PDF format
- Command Wizard for generating Web API commands
- Integration with SAP NetWeaver 2004s BEx Report Designer for formatted reports

