

# Demo Workplace - Started as Applet

The screenshot shows a Mozilla Firefox browser window with the address bar displaying `http://www.casabacdemo.com/ccdemo/startdemo.html`. The browser tabs include 'CaptainCasa GmbH' and 'http://www.casa...startdemo.html'. The main content area displays a web application titled 'Budget Calculation'.

The application has a navigation menu on the left with the following items:

- Some simple examples
  - Hello World!
  - Mini Spreadsheet
  - Demo Budget
- Straight Controls
  - Basic Controls
  - Various Buttons
  - Field Background
  - Combo Box
  - Menubars
  - Popup Menu
  - Tabbed Line
  - Outlook Bar
  - Text Pane
  - File Upload
- Container Controls
- Grids and Trees
- Arranging Pages
- Charts & Graphics
- Native Controls
- Special Issues

The main content area is titled 'Budget Calculation' and contains a 'Demo' tab, 'Layout XML', and 'Server side Java Code' tabs. Below these is a table with the following data:

Orgaization	St...	Of...	IT	Ot...	Le...	Ple...	Cars	Do...
Board	0	0	0	0	0	0	0	0
Production	0	0	0	0	0	0	0	0
Sales	0	0	0	600	200	0	0	0
CC 2.0	0	0	0	0	0	0	0	0
CC 2.1	0	0	0	0	200	0	0	0
CC 2.2	0	0	0	3	0	0	0	0
CC 2.3	0	0	0	200	0	0	0	0
CC 2.4	0	0	0	0	0	0	0	0
CC 2.5	0	0	0	400	0	0	0	0
CC 2.6	0	0	0	0	0	0	0	0
CC 2.7	0	0	0	0	0	0	0	0
Development	0	0	0	0	0	0	0	0
CC 3.0	0	0	0	0	0	0	0	0
CC 3.1	0	0	0	0	0	0	0	0
CC 3.2	0	0	0	0	0	0	0	0
CC 3.3	0	0	0	0	0	0	0	0
CC 3.4	0	0	0	0	0	0	0	0

To the right of the table is a text box with the following text:

This demo shows a tree which is combined with fields. In principal a tree component can be easily combined with any other component.

When inputting numbers into the fields and leaving the line then automatically an accumulation of numbers up to the next tree level is done.

Have a look into the Java code: each line of the tree is reflected by a corresponding object. Obejcts are arranged hierachically to build a tree.

The status bar at the bottom of the browser window shows 'Applet org.eclnt.client.page.PageApplet started' and a performance indicator of '64(194) ms'.

# Demo Workplace - WebStart

CaptainCasa Enterprise Client: http://localhost:8080/demos/faces/workplace/workplace.jsp

- Some simple examples
  - Hello World!
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  - Demo Budget
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  - Basic Controls
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  - Menubars
  - Popup Menu
  - Tabbed Line
  - Outlook Bar
  - Text Pane
  - File Upload
- Container Controls
- Grids and Trees
- Arranging Pages
- Charts & Graphics
  - Pie Chart
  - Bar/Line Chart
- Native Controls
- Special Issues

### Business Charts

Demo  Layout XML  Server side Java Code

Product	Revenue North	Revenue South
Hardware	1.000	1.200
Software	800	1.000
Services	1.800	2.000

H.3DBar

#### Sales by Product and Region

Product Revenue (Mio EUR)

Region	Hardware	Software	Services
North	1.000	800	1.800
South	1.200	1.000	2.000

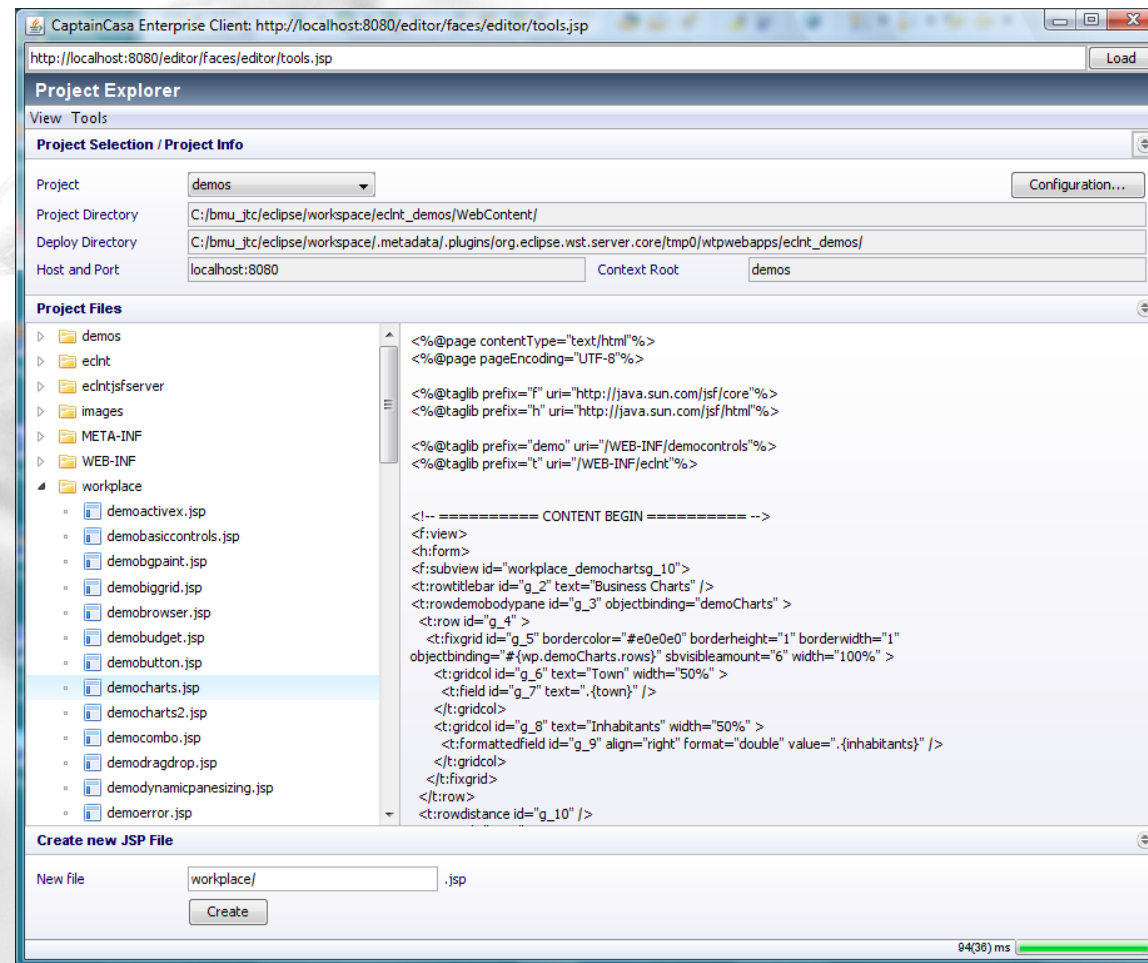
■ North ■ South

In this demo charts are created on server side - using the JFreeChart library. The image of the chart is transferred to the client, but not as URL but as hex string of data.

The component that is used within the layout id the HEXIMAGE component, that is able to render an image out of an hexstring representation of data (e.g. "af6e4453").

Have a look into the server side Java program: the image is created using the JFreeChart library, and then the image is transferred into a hex representation using the ValueManager class that comes with the server side of Enterprise Client.

# Tools - Project Overview



The screenshot displays the CaptainCasa Enterprise Client interface, specifically the Project Explorer window. The window title is "CaptainCasa Enterprise Client: http://localhost:8080/editor/faces/editor/tools.jsp". The address bar shows "http://localhost:8080/editor/faces/editor/tools.jsp" and a "Load" button is visible.

The main area is titled "Project Explorer" and contains a "View Tools" menu. Below this is the "Project Selection / Project Info" section, which includes a "Project" dropdown menu set to "demos" and a "Configuration..." button. The "Project Directory" is "C:/bmu\_jtc/eclipse/workspace/ecnt\_demos/WebContent/", the "Deploy Directory" is "C:/bmu\_jtc/eclipse/workspace/.metadata/.plugins/org.eclipse.wst.server.core/tmp0/wtpwebapps/ecnt\_demos/", the "Host and Port" is "localhost:8080", and the "Context Root" is "demos".

The "Project Files" section shows a tree view of the project structure. The "workplace" folder is expanded, showing a list of JSP files including "demoactivex.jsp", "demobasiccontrols.jsp", "demobgpaint.jsp", "demobiggrid.jsp", "demobrowser.jsp", "demobudget.jsp", "demobutton.jsp", "democharts.jsp" (highlighted), "democharts2.jsp", "democombo.jsp", "demodragdrop.jsp", "demodynamicpanesizing.jsp", and "demoerror.jsp".

The right pane displays the content of the selected "democharts.jsp" file, showing JSP code with a table structure. The code includes a page header, a form, and a table with columns for "Town" and "Inhabitants".

```
<%@page contentType="text/html"%>
<%@page encoding="UTF-8"%>

<%@taglib prefix="f" uri="http://java.sun.com/jsf/core"%>
<%@taglib prefix="h" uri="http://java.sun.com/jsf/html"%>

<%@taglib prefix="demo" uri="/WEB-INF/democontrols"%>
<%@taglib prefix="t" uri="/WEB-INF/ecnt"%>

<!-- ===== CONTENT BEGIN ===== -->
<f:view>
<h:form>
<f:subview id="workplace_demochartsg_10">
<t:rowtitlebar id="g_2" text="Business Charts" />
<t:rowdemobodypane id="g_3" objectBinding="demoCharts" >
<t:row id="g_4" >
<t:fixgrid id="g_5" borderColor="#e0e0e0" borderheight="1" borderwidth="1"
objectBinding="#{wp_demoCharts.rows}" sbvisibleamount="6" width="100%" >
<t:gridcol id="g_6" text="Town" width="50%" >
<t:field id="g_7" text=".{town}" />
</t:gridcol>
<t:gridcol id="g_8" text="Inhabitants" width="50%" >
<t:formattedfield id="g_9" align="right" format="double" value=".{inhabitants}" />
</t:gridcol>
</t:fixgrid>
</t:row>
<t:rowdistance id="g_10" />
```

At the bottom, the "Create new JSP File" section shows a "New file" input field containing "workplace/" and ".jsp", with a "Create" button below it. The status bar at the bottom right indicates "94(38) ms".

# Tools - Layout Editor

Layout Editor - workplace/demobudget.jsp

File Tools

Components

- t:rowtitlebar
- t:rowdemobodypane
  - t:row
    - t:fixgrid
      - t:gridcol
        - t:treenode
        - t:gridcol
        - t:gridcol
        - t:gridcol
        - t:gridcol
        - t:gridcol
        - t:gridcol
        - t:gridcol

Attribute	Value
id	g_7
action	
actionListener	
background	#F0F0F0
dragsend	
dropreceive	
enabled	
foreground	
image	
level	
actionListener	

Commands: toggle

Budget Calculation

Demo | Layout XML | Server side Java Code

Orgaization	S...	O...	IT	O...	L...	Pl...	...	D...
Board	0	0	0	0	0	0	0	0
Production	0	0	0	0	0	0	0	0
Sales	0	0	0	0	0	0	0	0
Development	0	0	0	0	0	0	0	0
- CC 3.0	0	0	0	0	0	0	0	0
- CC 3.1	0	0	0	0	0	0	0	0
- CC 3.2	0	0	0	0	0	0	0	0
- CC 3.3	0	0	0	0	0	0	0	0
- CC 3.4	0	0	0	0	0	0	0	0
- CC 3.5	0	0	0	0	0	0	0	0
- CC 3.6	0	0	0	0	0	0	0	0
- CC 3.7	0	0	0	0	0	0	0	0
Marketing	0	0	0	0	0	0	0	0

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Have a look into the Java code: each line of the tree is reflected by a corresponding object. Obejcts are arranged hieracically to build a tree.

Managed Server Beans

- loginBean (LoginBean)
- test (TEST)
- crm (CRM)
- wp (Workplace)
  - address1 (DemoRowincl...)
  - address2 (DemoRowincl...)
  - class (Class)
  - contentPage (String)
  - demoActivex (DemoActivex)
  - demoBasicControls (DemoBasicCo...)
  - demoBgpaint (DemoBgpaint)
  - demoBigGrid (DemoBigGrid)
  - demoBrowser (DemoBrowser)
  - demoBudget (DemoBudget)
    - class (Class)
    - ctree (FIXGRIDTree...)
    - docu (String)
    - javaCode (String)
    - layoutXML (String)
    - modalPopup (boolean)
    - modalPopupPag (String)
    - modalPopupTitle (String)
    - onModalPopupC (onModalPopupC)
    - demoButton (DemoButton)
    - demoCharts (DemoCharts)
    - demoCharts2 (DemoCharts2)

Path

#{wp.demobudget.onModalPopupClose}

4(27) ms

19(28) ms

# Application

My contacts

- Family Members
  - Alonso, Fernando
  - BBB, AAA
  - Frentzen, Heinz Harald
  - Grumann, Martin
  - Haiduk, Josef
  - Karamelski, Dobromir
  - Laures, Guido
  - Mueller, Björn
  - Müller, Hansi
  - Müller, Petra
  - Müller, Sebastian
  - New contact, New c
  - New contact, New c
  - New contact, New c
  - New contact, New c
  - New contact, New c
  - dfsdfs dsfsdf, kkk
  - test, Test
- Singers
  - Cocker, Joe
  - Last 2, First 2
  - Last 3, First 3
  - Last 4, First 4
  - New contact, New contact
  - New contact, New contact

First Name: Heinz Harald  
 Last Name: Frentzen  
 Street: Schumacher Ring 12  
 dsfsdfsdf  
 Zip Code/City: 77777 Mönchen Gladbach  
 Country: Spain

E Mail Web Sites

Inbox

Query: [ ] Search

Search Result

First Name	Last Name	City	Group
Fernando	Alonso		Family Members
Heinz Harald	Frentzen	Mönchen Gladbach	Family Members
First 2	Last 2		Singers
First 3	Last 3		Singers
First 4	Last 4		Singers

New Note: Phone Meeting Private

17 ms

# Basic Controls

Field	<input type="text" value="field"/>
Checkbox	<input type="checkbox"/> Text aside a checkbox
Radio Button	<input checked="" type="radio"/> Left <input type="radio"/> Right
Text Area	<div style="border: 1px solid gray; padding: 5px;">textarea line2</div>
Combo Box (static)	<div style="border: 1px solid gray; padding: 5px;">▼</div>
	<input type="button" value="Summarize"/>
Summary	<div style="border: 1px solid gray; padding: 5px;">Field: field Checkbox: false Radiobutton: left Combobox: null Textarea: textarea line2</div>

# Mandatory, Error Status

**Examples for "error fields"**

Example "error field"

Input "OK" into the following field and press "Check Input":

Example "error field"

**Examples for "mandatory fields"**

Example "mandatory field"

**COMBOFIELD and FORMATTEDFIELD**

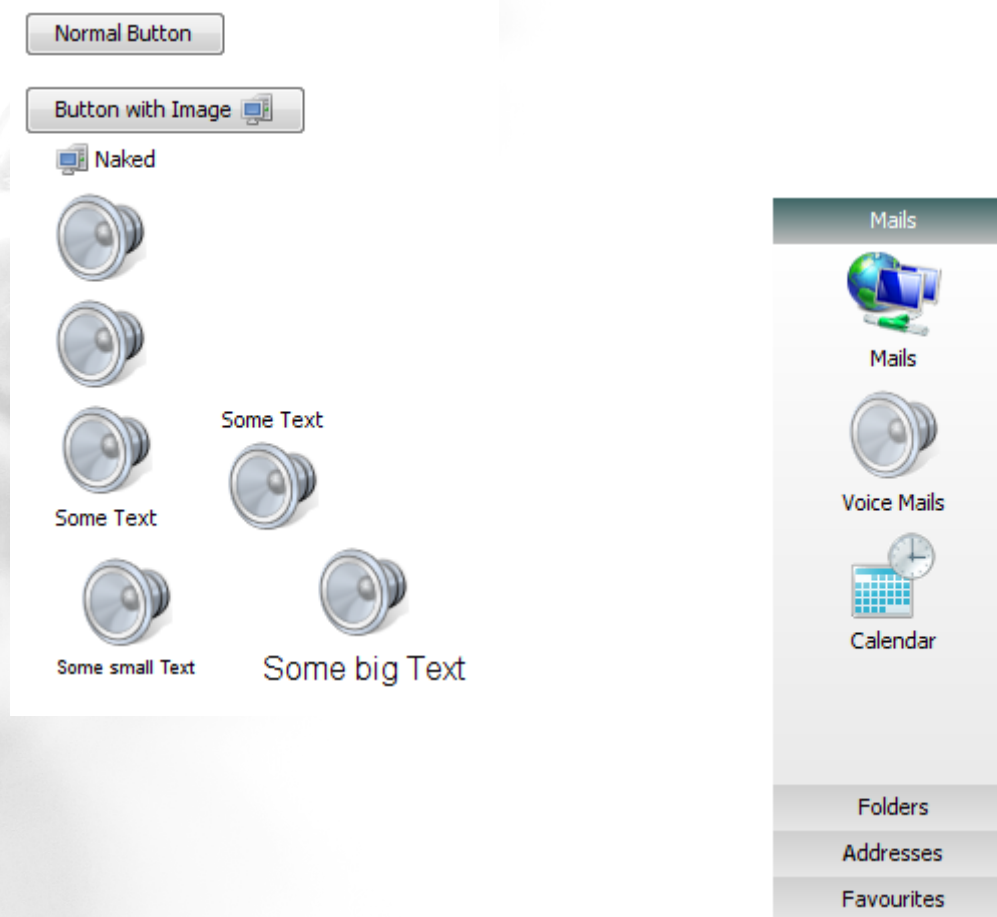
COMBOBOX

COMBOBOX

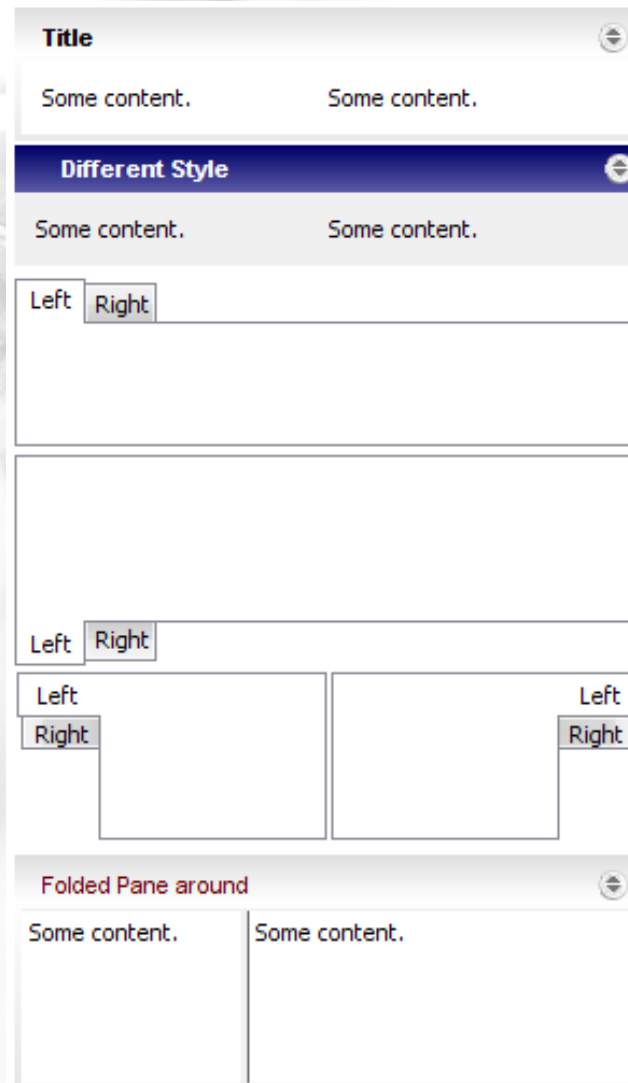
COMBOFIELD

FORMATTEDFIELD

# Buttons and Outlook Bar

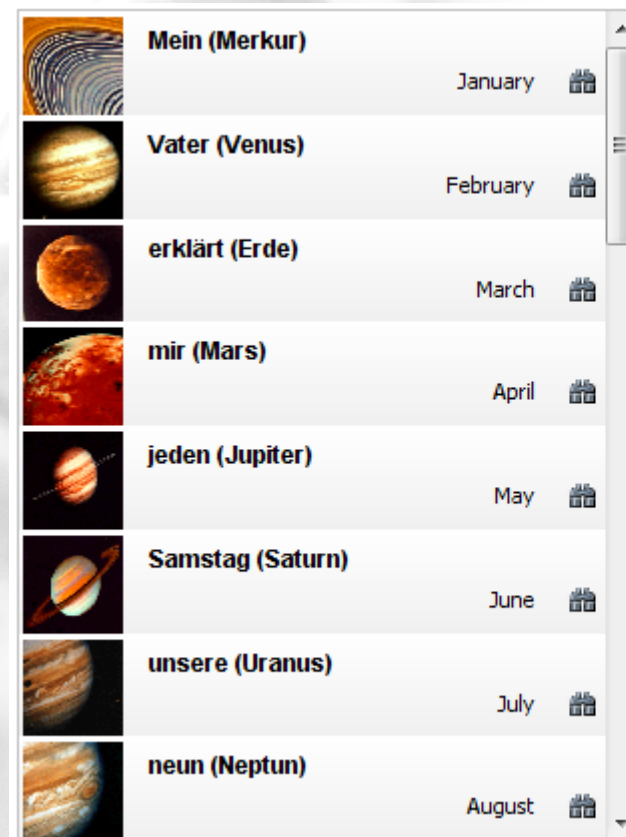








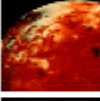









# Container Components





# Complex Grids

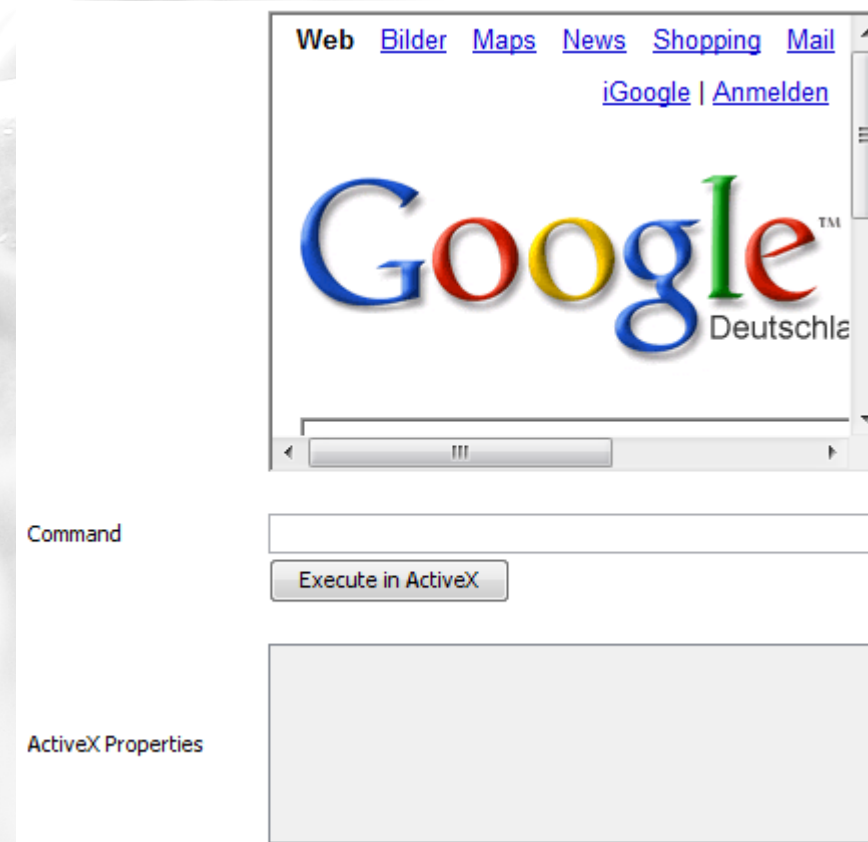


	<b>Mein (Merkur)</b>	January	
	<b>Vater (Venus)</b>	February	
	<b>erklärt (Erde)</b>	March	
	<b>mir (Mars)</b>	April	
	<b>jeden (Jupiter)</b>	May	
	<b>Samstag (Saturn)</b>	June	
	<b>unsere (Uranus)</b>	July	
	<b>neun (Neptun)</b>	August	

The FIXGRID provides a nice flexibility. Always remember: the "FIX" does not stand for "inflexibility" but for a FIX column arrangement of content... ;-)

Have a look into the layout definition: there is only one column defined, but in this column a PANE is nested, itself containing a couple of sub controls.

# Native Components



Please have a look into  
the Online Demos for more  
Examples!