Scaling Sizes

- Screen definitions can be scaled in order to adapt to the user's preferences and in order to meet accessibility requirements
- Scaling is defined by a factor which can be any float value

Size Factor 1.25

CaptainCasa Enterprise Client: http://localhost:8080/editor/faces/editor/tools.jsp

http://localhost:8080/editor/faces/editor/tools.jsp Load

Project Explorer

View Tools

Project Selection / Project Info

Project demos Configuration...

Project Directory C:/bmu_jtc/eclipse/workspace/eclnt_demos/WebContent/

Deploy Directory C:/bmu_jtc/eclipse/workspace/.metadata/.plugins/org.eclipse.wst.server.core/tmp0/wtpwebapps/eclnt_demos/

Host and Port localhost:8080 Context Root demos

Project Files

- demos
- eclnt
- eclntjsfserver
- images
- META-INF
- WEB-INF
- workplace
  - demoactivex.jsp
  - demobasiccontrols.jsp
  - demobgpaint.jsp
  - demobiggrid.jsp
  - demobrowser.jsp
  - demobudget.jsp
  - demobutton.jsp

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

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

<%@taglib prefix="t" uri="/WEB-INF/eclnt"%>


<!-- ========== CONTENT BEGIN ========== -->
<f:view>
<h:form>
<f:subview id="workplace_demobgpaintg_2">
<t:rowtitlebar id="g_2" text="Background Painting for Panes" />
<t:rowdemobodypane id="g_3" objectbinding="demoBgpaint" >
  <t:row id="g_4" >
    <t:label id="g_5" text="Vertical" width="120" />
    <t:pane id="g_6"
bgpaint="rectangle(0,0,100%,100%,#F0F0FF,#D0D0D0,vertical)"
height="100" width="100%" />
  </t:row>
```

Create new JSP File

New file workplace/ .jsp

Create

15(17) ms

Size Factor 1.5

CaptainCasa Enterprise Client: http://localhost:8080/editor/faces/editor/tools.jsp

http://localhost:8080/editor/faces/editor/tools.jsp

Load

Project Explorer

View Tools

Project Selection / Project Info

Project: demos

Configuration...

Project Directory: C:/bmu_jtc/eclipse/workspace/eclnt_demos/WebContent/

Deploy Directory: C:/bmu_jtc/eclipse/workspace/.metadata/.plugins/org.eclipse.wst.server.core/tmp0/wtp

Host and Port: localhost:8080

Context Root: demos

Project Files

- demos
- eclnt
- eclntjsfserver
- images
- META-INF
- WEB-INF
- workplace
  - demoactivex.jsp
  - demobasiccontrols.jsp
  - demobgpaint.jsp

```
<%@page contentType="text/html"%>
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uri="http://java.sun.com/jsf/html"%>

<%@taglib prefix="t" uri="/WEB-INF/eclnt"%>


<!-- ========== CONTENT BEGIN
========== -->
<f:view>
<h:form>
```

Create new JSP File

New file: workplace/ .jsp

Create

18(13) ms

Some more Details

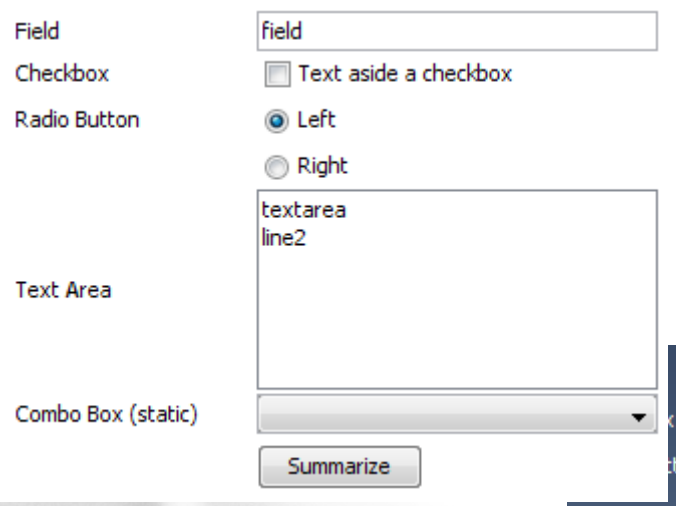
- Size definitions (e.g. width of a label) are done in two ways:
  - Pixel definitions („width='120'“)
  - Percentage definitions („width='100%'“)
- All pixel definitions are multiplied with a „size factor“ before being rendered.
- The same happens with font size definitions.

- Result: unlimited scaling!

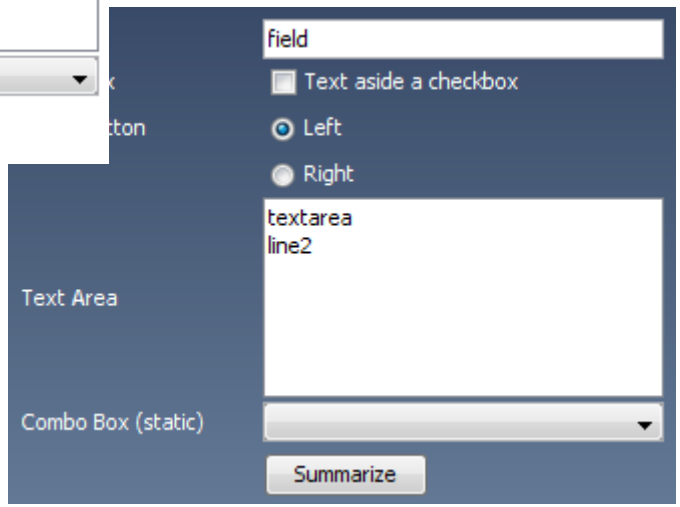
Style Management

- In addition to the scaling of sizes, the style management allows to apply different color schemes to the same layout definition.
- Example: you may define the following styles:
  - Default style
  - Marketing style
  - High contrast style

Style Examples



Default Style



„Marketing Style“