

# Render Style Sheet and Skins Specification.

## 1. The < **stylesheet** > Element

### Example:

```
<stylesheet name="aqua" />
```

### Usage:



```
<stylesheet name="aqua">  
  <checkbox on="/Skin/MacOs/CheckBox/On.png" off="/Skin/MacOs/CheckBox/Off.png" />  
  <scrollbar  
    arrow_top="/Skin/MacOs/ScrollBar/TopArrow.png"  
    bk_top="/Skin/MacOs/ScrollBar/BackgroundTop.png"  
    bk_fill="/Skin/MacOs/ScrollBar/BackgroundFill.png"  
    bk_bottom="/Skin/MacOs/ScrollBar/BackgroundBottom.png"  
    car_top="/Skin/MacOs/ScrollBar/CarTop.png"  
    car_body="/Skin/MacOs/ScrollBar/CarBody.png"  
    car_bottom="/Skin/MacOs/ScrollBar/CarBottom.png"  
    arrow_bottom="/Skin/MacOs/ScrollBar/BottomArrow.png"  
  />  
  <button  
    bk = "/Skin/MacOs/Button/Background.png"  
    bk_pressed= "/Skin/MacOs/Button/BackgroundPressed.png"  
    top= "/Skin/MacOs/Button/Top.png"  
    bottom= "/Skin/MacOs/Button/bottom.png"  
    left= "/Skin/MacOs/Button/left.png"  
    right= "/Skin/MacOs/Button/right.png"  
    top_pressed= "/Skin/MacOs/Button/TopPressed.png"  
    bottom_pressed= "/Skin/MacOs/Button/bottomPressed.png"  
    left_pressed= "/Skin/MacOs/Button/leftPressed.png"  
    right_pressed= "/Skin/MacOs/Button/rightPressed.png"  
    top_left= "/Skin/MacOs/Button/topLeft.png"  
    bottom_left= "/Skin/MacOs/Button/bottomLeft.png"  
    top_right= "/Skin/MacOs/Button/topRight.png"  
    bottom_right= "/Skin/MacOs/Button/bottomRight.png"  
    top_left_pressed= "/Skin/MacOs/Button/TopleftPressed.png"  
    bottom_left_pressed= "/Skin/MacOs/Button/bottomLeftPressed.png"  
    top_right_pressed= "/Skin/MacOs/Button/topRightPressed.png"  
    bottom_right_pressed= "/Skin/MacOs/Button/bottomRightPressed.png"  
  />  
</stylesheet>
```

## 2. The < **checkbox** > Element

### Example:

```
<checkbox on="/Skin/MacOs/CheckBox/On.png" off="/Skin/MacOs/CheckBox/Off.png"/>
```

### Parts:

Filename	Image	Size/Restrictions	Comment	Implemented
<a href="#">On.png</a>		10x10	Used in CheckBox control	Yes
<a href="#">Off.png</a>		10x10	Used in CheckBox control(checked)	Yes

### Usage:









```
<checkbox rtf="true" name="tick" text="{/b}Ticking{/_b}" colspan="6" style="aqua"/>
```

### 3. The < scrollbar > Element

#### Example:

```
<scrollbar  
  arrow_top="/Skin/MacOs/ScrollBar/TopArrow.png"  
  bk_top="/Skin/MacOs/ScrollBar/BackgroundTop.png"  
  bk_fill="/Skin/MacOs/ScrollBar/BackgroundFill.png"  
  bk_bottom="/Skin/MacOs/ScrollBar/BackgroundBottom.png"  
  car_top="/Skin/MacOs/ScrollBar/CarTop.png"  
  car_body="/Skin/MacOs/ScrollBar/CarBody.png"  
  car_bottom="/Skin/MacOs/ScrollBar/CarBottom.png"  
  arrow_bottom="/Skin/MacOs/ScrollBar/BottomArrow.png"/>
```

#### Parts:

Filename	Image	Size/Restrictions	Comment	Implemented
TopArrow.png/ TopArrowPressed.png		10x9, 10x9		Yes
BackgroundTop.png/		10x6		Yes
BackgroundFill.png		14x2		Yes
BackgroundBottom.png		10x6		Yes
CarTop.png/ CarTopPressed.png		10x9, 10x9		Yes
CarBody.png/ CarBodyPressed.png		10x12, 10x12		Yes
CarBottom.png/ CarBottomPressed.png		10x9, 10x9		Yes
BottomArrow.png/ BottomArrowPressed.png		10x9, 10x9		Yes
CarMiddle.png/ CarMiddlePressed.png	/	10x1, 10x1		Yes

#### Usage:

Scrollbar usage is different for others. You should specify stylesheet name for <desktop> tag only. So you will have new scrollbars for every control inside desktop container.

```
<desktop style="aqua">
```

## 4. The <button> Element

### Example:

```
<button
  bk = "/Skin/MacOs/Button/Background.png"
  bk_pressed= "/Skin/MacOs/Button/BackgroundPressed.png"
  top= "/Skin/MacOs/Button/Top.png"
  bottom= "/Skin/MacOs/Button/bottom.png"
  left= "/Skin/MacOs/Button/left.png"
  right= "/Skin/MacOs/Button/right.png"
  top_pressed= "/Skin/MacOs/Button/TopPressed.png"
  bottom_pressed= "/Skin/MacOs/Button/bottomPressed.png"
  left_pressed= "/Skin/MacOs/Button/leftPressed.png"
  right_pressed= "/Skin/MacOs/Button/rightPressed.png"
  top_left= "/Skin/MacOs/Button/topLeft.png"
  bottom_left= "/Skin/MacOs/Button/bottomLeft.png"
  top_right= "/Skin/MacOs/Button/topRight.png"
  bottom_right= "/Skin/MacOs/Button/bottomRight.png"
  top_left_pressed= "/Skin/MacOs/Button/TopleftPressed.png"
  bottom_left_pressed= "/Skin/MacOs/Button/bottomLeftPressed.png"
  top_right_pressed= "/Skin/MacOs/Button/topRightPressed.png"
  bottom_right_pressed= "/Skin/MacOs/Button/bottomRightPressed.png" />
```

### Parts:

Filename	Image	Size/Restrictions	Comment	Implemented
Background.png/ BackgroundPressed.png		1x1		Yes
Top.png/ TopPressed.png		40x10, 40x10		Yes
bottom.png/ bottomPressed.png		40x10, 40x10		Yes
left.png/ leftPressed.png		10x30, 10x30		Yes
right.png/ rightPressed.png		10x30, 10x30		Yes
topLeft.png/ TopleftPressed.png		10x10		Yes
bottomLeft.png/ bottomLeftPressed.png		10x10		Yes
topRight/ topRightPressed.png		10x10		Yes
bottomRight.png/ bottomRightPressed.png		10x10		Yes

### Usage:

```
<button name="close" rtf="true" transparent="false" text="Button"
  border="true" alignment="center" halign="center" visible="true"
  fontStyle="underline" weightx="1" action="OnPromtCloseClick"
  colspan="6" foreground="0x0000FF"
  background="0xe6e6e6" style="aqua"/>
```

## 5. The < separator > Element

There is no element inside stylesheet for <separator> control.

It will be implemented soon. For now we can use the following example as decoration rule:

### Usage:

```
<separator colspan="2" background_image="/Skin/MacOs/Separator/sep.png" />
```

### Parts:

Filename	Image	Size/Restrictions	Comment	Implemented
<a href="#">sep.png</a>		3x3	Background image will be tilled if it is possible according it's and control sizes.	Yes

## 6. The < menu > Element

There is no element inside stylesheet for < menu > control.

It will be implemented soon. For now we can use the following example as decoration rule:

### Usage:

```
<panel name="menupanel" columns="2" weightx="1" colspan="2"
  background_image="/img.png">
  <!--Left menubar decoration-->
  <menubar name="MainMenuBar" visible="true" weightx="1" background="0xFFFFFFFF"
    transparent="true">
    <menu rtf="true" name="LeftMenu" text="{/b}Menu {/_b}" alignment="left"
      selection_background="0x0061e6"
      selection_foreground="0xffffffff"
      background="0xFFFFFFFF"
      foreground="0x000000"
      border_color="0x000000"
      background_image="/Skin/MacOs/Menu/MenuBk.png">



      <menuitem name="open" text="Open" icon="/category_open.png"/>
      <separator background_image="/Skin/MacOs/ Separator/sep.png" />
      <menuitem name="update" text="Update All" icon="/refresh.png" />

      <menu name="manageFeeds" text="Manage Feeds" icon="/rssLogo.png">
        <menuitem text="Add Folder" icon="/category.png"/>
      </menu>
      <separator background_image="/Skin/MacOs/Separator/sep.png" />
      <menuitem text="Go Offline"/>
      <menuitem text="Settings"/>
    </menu>
  </menubar>

  <!--Right menubar decoration-->

  <menubar name="RightMenuBar" visible="true" background="0xFFFFFFFF" transparent="true">
    <menu rtf="true" name="RightMenu" text="{/c0xff0000}{/b} Exit {/_b}{/_c}"
      alignment="right" foreground="0x000000" selection_background="0xFFFFFFFF"
      border_color="0xFFFFFFFF">
    </menu>
  </menubar>
</panel>
```

### Parts:

Filename	Image	Size/Restrictions	Comment	Implemented
<a href="#">img.png</a>		Any	tilled	Yes
<a href="#">MenuBk.png</a>		Any	Background image will be tilled if it is possible according it's and control sizes.	Yes

## 5. The <panel> Element

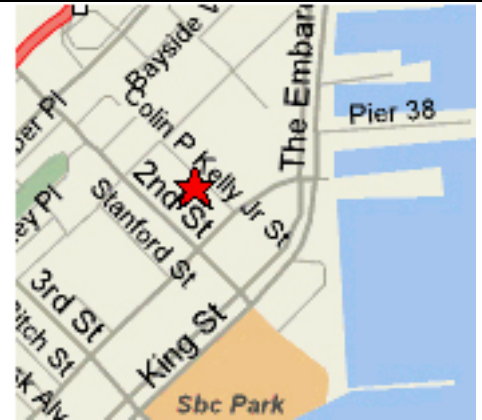
There is no element inside stylesheet for <panel> control.

It will be implemented soon. For now we can use the following example as decoration rule:

### Usage:

```
<panel
  name="content"
  columns="6" gap="2" top="2" left="2" bottom="2" right="2" colspan="2"
  weightx="1" weighty="1" background="0xe0ecff" scrollable="true"
  background_image="/Skin/MacOs/Panel/Bk.png"
  transparent="false">
```

### Parts:

Filename	Image	Size/Restrictions	Comment	Implemented
<a href="#">sep.png</a>		Any	Background image will be tiled if it is possible according it's and control sizes.	Yes

## Example:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<desktop style="aqua">

<stylesheet name="aqua">
  <checkbox on="/Skin/MacOs/CheckBox/On.png" off="/Skin/MacOs/CheckBox/Off.png"/>
  <scrollbar
    arrow_top="/Skin/MacOs/ScrollBar/TopArrow.png"

    bk_top="/Skin/MacOs/ScrollBar/BackgroundTop.png"
    bk_fill="/Skin/MacOs/ScrollBar/BackgroundFill.png"
    bk_bottom="/Skin/MacOs/ScrollBar/BackgroundBottom.png"

    car_top="/Skin/MacOs/ScrollBar/CarTop.png"

    car_body="/Skin/MacOs/ScrollBar/CarBody.png"

    car_bottom="/Skin/MacOs/ScrollBar/CarBottom.png"

    arrow_bottom="/Skin/MacOs/ScrollBar/BottomArrow.png"
  />
  <button
    bk = "/Skin/MacOs/Button/Background.png"
    bk_pressed= "/Skin/MacOs/Button/BackgroundPressed.png"

    top= "/Skin/MacOs/Button/Top.png"
    bottom= "/Skin/MacOs/Button/bottom.png"
    left= "/Skin/MacOs/Button/left.png"
    right= "/Skin/MacOs/Button/right.png"

    top_pressed= "/Skin/MacOs/Button/TopPressed.png"
    bottom_pressed= "/Skin/MacOs/Button/bottomPressed.png"
    left_pressed= "/Skin/MacOs/Button/leftPressed.png"
    right_pressed= "/Skin/MacOs/Button/rightPressed.png"

    top_left= "/Skin/MacOs/Button/topLeft.png"
    bottom_left= "/Skin/MacOs/Button/bottomLeft.png"
    top_right= "/Skin/MacOs/Button/topRight.png"
    bottom_right= "/Skin/MacOs/Button/bottomRight.png"

    top_left_pressed= "/Skin/MacOs/Button/TopleftPressed.png"
    bottom_left_pressed= "/Skin/MacOs/Button/bottomLeftPressed.png"
    top_right_pressed= "/Skin/MacOs/Button/topRightPressed.png"
    bottom_right_pressed= "/Skin/MacOs/Button/bottomRightPressed.png"
  />
</stylesheet>

<panel name="panel" columns="2" gap="0" top="0" left="0" bottom="0" right="0"
background="0xe0ecff">
  <panel name="lp" columns="2" gap="0" top="0" left="0" bottom="0" right="0"
colspan="2"
    background="0xFFFFFFFF" transparent="true">
    <label name="l" icon="/app_logo.png" weightx="1" alignment="left"
colspan="1" />
  </panel>

<!--0xe0ecff-->
```

```

    <panel name="content" columns="6" gap="2" top="2" left="2" bottom="2" right="2"
colspan="2"
    weightx="1" weighty="1" background="0xe0ecff" scrollable="true"
background_image="/Var42.png"
    transparent="false">
    <label text="Page Header" alignment="left" weightx="1" colspan="6"
foreground="0x0000FF" />
    <separator colspan="6" background_image="/Skin/MacOs/Menu/sep.png" />
    <label text="City" alignment="left" colspan="2" />
    <label text="" alignment="center" weightx="1" colspan="1" />
    <label text="" alignment="center" weightx="1" colspan="1" />
    <label text="State" alignment="left" colspan="2" />
    <textfield name="city" weightx="1" colspan="5" />
    <textfield name="zip" colspan="1" columns="5" />
    <label text="Zip Code " alignment="left" weightx="1" colspan="6" />
    <textfield name="zip" weightx="1" colspan="6" />

    <separator colspan="6" background_image="/Skin/MacOs/Menu/sep.png" />

    <checkbox rtf="true" name="tick" text="{/b}Tickering{/_b}" colspan="6"
style="aqua"/>
    <checkbox rtf="true" name="tick1" text="{/i}Tickering1{/_i}"
halign="center" colspan="6" style="aqua"/>
    <checkbox rtf="true" name="tick2" text="{/u}Tickering2{/_u}" halign="right"
colspan="6" style="aqua"/>

    <button name="close"
        rtf="true"
        transparent="false"
        text="Button"
        border="true"
        alignment="center"
        halign="center"
        visible="true"
        fontStyle="underline"
        weightx="1"
        action="OnPromtCloseClick"
        colspan="6"
        foreground="0x0000FF"
        background="0xe6e6e6"
        style="aqua" />

</panel>

<separator colspan="2" background_image="/Skin/MacOs/Menu/sep.png" />

<panel name="menupanel" columns="2" weightx="1" colspan="2"
background_image="/img.png">
    <menubar name="MainMenuBar" visible="true" weightx="1"
background="0xFFFFFFFF" transparent="true">
        <menu rtf="true" name="LeftMenu" text="{/b}Menu {/_b}"
alignment="left"
            selection_background="0x0061e6"
            selection_foreground="0xffffffff"
            background="0xFFFFFFFF"
            foreground="0x000000"
            border_color="0x000000"
            background_image="/Skin/MacOs/Menu/MenuBk.png">
                <menuitem name="open" text="Open" icon="/category_open.png"
action="OnMenuSelected" />
            </menu>
        </menubar>
    </panel>

```

```
<separator background_image="/Skin/MacOs/Menu/sep.png" />
<menuitem name="update" text="Update All" icon="/refresh.png"
action="OnMenuSelected" />
<menu name="manageFeeds" text="Manage Feeds"
icon="/rssLogo.png">
    <menuitem name="addFolder" text="Add Folder"
icon="/category.png" action="OnMenuSelected" />
    <menuitem name="addChannel" text="Add Custom Feed"
icon="/add_feed.png" action="OnMenuSelected" />
    <menuitem name="addPopularChannel" text="Add Popular
Feed" icon="/add_feed.png" action="OnMenuSelected" />
    <menuitem name="addFeaturedChannel" text="Add Featured
Feed" icon="/add_feed.png" action="OnMenuSelected" />
    <menuitem rtf="true" name="deleteFeed"
text="{/b}Delete{/_b}" icon="/remove-icon-12x12.png" action="OnMenuSelected" />
</menu>
<separator background_image="/Skin/MacOs/Menu/sep.png" />
<menuitem name="networkState" text="Go Offline" icon="/antenna-
icon-12x12.png" action="OnMenuSelected" />
<menuitem name="settings" text="Settings" icon="/settings-icon-
16x16.png" action="OnMenuSelected" />
</menu>
</menubar>

<menubar name="RightMenuBar" visible="true" background="0xFFFFFFFF"
transparent="true">
    <menu rtf="true" name="RightMenu" text="{/c0xff0000}{/b} Exit
{/_b}{/_c}" alignment="right" foreground="0x000000" selection_background="0xFFFFFFFF"
border_color="0xFFFFFFFF"></menu>
</menubar>
</panel>
</panel>
</desktop>
```

# UI Examples

