

Tapestry5LayoutWithMenuMenuHolder

MenuHolder.java

```
import org.apache.tapestry5.BindingConstants;
import org.apache.tapestry5.Block;
import org.apache.tapestry5.ComponentResources;
import org.apache.tapestry5.MarkupWriter;
import org.apache.tapestry5.RenderSupport;
import org.apache.tapestry5.annotations.AfterRender;
import org.apache.tapestry5.annotations.BeforeRenderBody;
import org.apache.tapestry5.annotations.IncludeJavaScriptLibrary;
import org.apache.tapestry5.annotations.IncludeStylesheet;
import org.apache.tapestry5.annotations.Parameter;
import org.apache.tapestry5.ioc.annotations.Inject;

// Menujs.com
@IncludeStylesheet({"Menu.css"})
@IncludeJavaScriptLibrary({"Menu.js"})
public class MenuHolder {
    private static String MENU_CONTAINER = "menu-container-";

    @Inject
    private ComponentResources resources;

    @Inject
    private RenderSupport renderSupport;

    @Parameter(name = "id", defaultPrefix = BindingConstants.LITERAL, required = true)
    private String id;

    public String getMenuID() {
        return MENU_CONTAINER + id;
    }

    @AfterRender
    public void AfterRender(MarkupWriter writer) {
        String divName = getMenuID();
        renderSupport.addScript(String.format("Menu.init('%s', {'orientation': Menu.HORIZONTAL, 'hidePause': 0.1});", divName));
    }

    @BeforeRenderBody
    public Object RenderMenuItems(MarkupWriter writer) {
        // here search and append to the existing root menu the menu items defined in the child
        pages
            ComponentResources parentResources = resources.getContainerResources();
            Block toRender = null;
            while (parentResources != null) {
                Block temp = parentResources.findBlock(id);
                if (temp != null) {
                    toRender = temp;
                }
                parentResources = parentResources.getContainerResources();
            }
            return toRender;
    }
}
```

MenuHolder.tml

 structure is required by menu.js. Check to menujs.com.

We create a container div tag with a menu items holder. The submenu hierarchy will be placed at the <t:body/> element. It should be nested structure with <a/> for the action for the menu actions

```
<t:container xmlns:t="http://tapestry.apache.org/schema/tapestry_5_1_0.xsd" xmlns:p="tapestry:parameter">
  <style type="text/css">
    /*override/change the css if you want*/
    .menu a.selected { color: #0079c0; background: red;}
  </style>
  <div class="menuBar">
    <ul class="menu" id="{menuID}">
      <t:body/>
    </ul>
  </div>
</t:container>
```