



Soft Aspects

RIAs & Beyond



New light of Rich Internet Applications

WebGalileo Faces© Facelets Integration Quick Start

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1 WebGalileo Faces setup for Facelets

To use WebGalileo Faces components with Facelets the following steps should be accomplished.

*Note that in order to use WebGalileo Faces with Facelets , JDK 1.5 should be used.

1. Place **facelets-plugin.jar** from WGF distribution to a target web application WEB-INF/lib directory.
2. Place **facelets** folder from WEB-INF directory of webgalileofacelets.war from WGF distribution to a target web application WEB-INF directory.
3. Place all **faces-config.xml** files from from WEB-INF directory of webgalileofacelets.war from WGF distribution to a target web application WEB-INF directory.
4. The below parameters should be added to a web application's **web.xml** config file :

<i>Context Parameter Name</i>	<i>Context Parameter Value</i>	<i>Description</i>
com.sun.faces.validateXml	true	Turn on XML validation. Mandatory for Facelets technology.
com.sun.faces.verifyObjects	true	Turn on object verification. Mandatory for Facelets technology.
javax.faces.DEFAULT_SUFFIX	The web pages source suffix (.xhtml, xml, etc)	Facelets pages suffix.
facelets.DEVELOPMENT	true/false	Turn on/off Facelets logging
facelets.LIBRARIES	List of Facelets tag library files separated with ';' symbol	Declare a list of all Facelets tag libraries to be used in a web application.
javax.faces.CONFIG_FILES	List of WGF component configuration files separated with ';' symbol	Declare a list of all WGF component configurations to be used in a web application.

2 Example of WGF web.xml integrated with Facelets

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE web-app PUBLIC
    "-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"
    "http://java.sun.com/dtd/web-app_2_3.dtd">
<web-app>
  <display-name>JavaServer Faces Custom Components</display-name>
  <description> JavaServer Faces Custom Components </description>
  <context-param>
    <param-name>com.sun.faces.validateXml</param-name>
    <param-value>>true</param-value>
  </context-param>
  <context-param>
    <param-name>com.sun.faces.verifyObjects</param-name>
    <param-value>>true</param-value>
  </context-param>
  <context-param>
    <param-name>javax.faces.DEFAULT_SUFFIX</param-name>
    <param-value>.xhtml</param-value>
  </context-param>
  <context-param>
    <param-name>facelets.DEVELOPMENT</param-name>
    <param-value>>true</param-value>
  </context-param>
  <context-param>
    <param-name>facelets.LIBRARIES</param-name>
    <param-value>
      /WEB-INF/facelets/calcdialog.taglib.xml;
      /WEB-INF/facelets/calendar.taglib.xml;
      /WEB-INF/facelets/colordialog.taglib.xml;
      /WEB-INF/facelets/constraints.taglib.xml;
      /WEB-INF/facelets/container.taglib.xml;
      /WEB-INF/facelets/dragdiv.taglib.xml;
      /WEB-INF/facelets/duallist.taglib.xml;
      /WEB-INF/facelets/flexmenu.taglib.xml;
      /WEB-INF/facelets/flowchart.taglib.xml;
      /WEB-INF/facelets/googlemaps.taglib.xml;
      /WEB-INF/facelets/htmleditor.taglib.xml;
      /WEB-INF/facelets/layouts.taglib.xml;
      /WEB-INF/facelets/menu.taglib.xml;
      /WEB-INF/facelets/panelbar.taglib.xml;
      /WEB-INF/facelets/popupdialog.taglib.xml;
      /WEB-INF/facelets/popupwindow.taglib.xml;
      /WEB-INF/facelets/progressbar.taglib.xml;
      /WEB-INF/facelets/tabbedpanel.taglib.xml;
      /WEB-INF/facelets/table.taglib.xml;
      /WEB-INF/facelets/timepicker.taglib.xml;
      /WEB-INF/facelets/toolbar.taglib.xml;
      /WEB-INF/facelets/tree.taglib.xml;
      /WEB-INF/facelets/treetable.taglib.xml;
      /WEB-INF/facelets/upload.taglib.xml
    </param-value>
  </context-param>
  <context-param>
    <param-name>javax.faces.CONFIG_FILES</param-name>
    <param-value>
      /WEB-INF/components-faces-config.xml,
      /WEB-INF/dragdiv-faces-config.xml,
      /WEB-INF/googlemaps-faces-config.xml,
      /WEB-INF/panelbar-faces-config.xml,
      /WEB-INF/popupwindow-faces-config.xml,

```

```

    /WEB-INF/progressbar-faces-config.xml,
    /WEB-INF/flex-menu-faces-config.xml,
    /WEB-INF/flowchart-faces-config.xml,
    /WEB-INF/test-app-managed-beans-config.xml,
    /WEB-INF/test-app-navigation-config.xml,
    /WEB-INF/test-app-validators-config.xml
  </param-value>
</context-param>
<servlet>
  <servlet-name>Faces Servlet</servlet-name>
  <servlet-class>javax.faces.webapp.FacesServlet</servlet-class>
  <load-on-startup>1</load-on-startup>
</servlet>
<servlet>
  <servlet-name>ComponentsInitializerServlet</servlet-name>
  <servlet-
class>com.softaspects.framework.galileo.support.base.ComponentsInitializerServlet</servl
et-class>
  <init-param>
    <param-name>applicationRootContext</param-name>
    <param-value>/webgalileofacelets</param-value>
  </init-param>
  <init-param>
    <param-name>pathToImages</param-name>
    <param-value>/webgalileofacelets/repository/images/</param-value>
  </init-param>
  <init-param>
    <param-name>pathToJavaScriptsExplorer</param-name>
    <param-value>/webgalileofacelets/repository/scripts/</param-value>
  </init-param>
  <init-param>
    <param-name>pathToJavaScriptsNetscape</param-name>
    <param-value>/webgalileofacelets/repository/scripts/ns/</param-value>
  </init-param>
  <load-on-startup>2</load-on-startup>
</servlet>
<servlet-mapping>
  <servlet-name>Faces Servlet</servlet-name>
  <url-pattern>*.faces</url-pattern>
</servlet-mapping>
<servlet-mapping>
  <servlet-name>Faces Servlet</servlet-name>
  <url-pattern>/faces/*</url-pattern>
</servlet-mapping>
<welcome-file-list>
  <welcome-file>index.xhtml</welcome-file>
</welcome-file-list>
</web-app>

```