



BEA WebLogic Workshop™ Help

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navigation Samples

This section contains source code for the following samples.

Samples Included in This Section

controllerFileNavigation Samples

handleException Samples

Index.jsp Sample

NavigationController.jspf Sample

nesting Samples

selectTagNavigation Samples

simpleNavigation Samples

controllerFileNavigation Samples

This section contains source code for the following samples.

Samples Included in This Section

ControllerFileNavigationController.jspf Sample

Error.jsp Sample

Index.jsp Sample

Kayaking.jsp Sample

Sailing.jsp Sample

ControllerFileNavigationController.jspf Sample

This topic includes the source code for the ControllerFileNavigationController.jspf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/controllerFileNavigation/

Sample Source Code

```
package navigation.controllerFileNavigation;

import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;
import org.apache.struts.action.ActionForm;

/** @jpf:controller nested="true"
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/controllerFileNavigation/controllerFileNavigationC
 * <pageflow-object id="action:begin.do">
 *   <property value="60" name="x"/>
 *   <property value="60" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:done.do">
 *   <property value="180" name="x"/>
 *   <property value="200" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:ThisWeeksSpecial.do">
 *   <property value="300" name="x"/>
 *   <property value="60" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp##@action:done.do@">
 *   <property value="180,180,180,180" name="elbowsX"/>
 *   <property value="104,130,130,156" name="elbowsY"/>
 *   <property value="South_1" name="fromPort"/>
 *   <property value="North_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp##@action:ThisWeeksSpecial.do@">
 *   <property value="216,240,240,264" name="elbowsX"/>
 *   <property value="52,52,52,52" name="elbowsY"/>
 *   <property value="East_1" name="fromPort"/>
 *   <property value="West_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="page:index.jsp">
 *   <property value="180" name="x"/>
 *   <property value="60" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="page:error.jsp">
 *   <property value="180" name="x"/>
 *   <property value="300" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:kayaking.jsp##@action:done.do@">
 *   <property value="264,240,240,216" name="elbowsX"/>
```

navnavigation.html Sample

```

*   <property value="152,152,192,192" name="elbowsY" />
*   <property value="West_1" name="fromPort" />
*   <property value="East_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="page:kayaking.jsp">
*   <property value="300" name="x" />
*   <property value="160" name="y" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:sailing.jsp##@action:done.do@">
*   <property value="264,240,240,216" name="elbowsX" />
*   <property value="252,252,203,203" name="elbowsY" />
*   <property value="West_1" name="fromPort" />
*   <property value="East_2" name="toPort" />
* </pageflow-object>
* <pageflow-object id="page:sailing.jsp">
*   <property value="300" name="x" />
*   <property value="260" name="y" />
* </pageflow-object>
* <pageflow-object id="forward:path#success#index.jsp##@action:begin.do@">
*   <property value="52,52,52,52" name="elbowsY" />
*   <property value="96,120,120,144" name="elbowsX" />
*   <property value="West_1" name="toPort" />
*   <property value="East_1" name="fromPort" />
*   <property value="success" name="label" />
* </pageflow-object>
* <pageflow-object id="exit:begin">
*   <property value="60" name="x" />
*   <property value="200" name="y" />
* </pageflow-object>
* <pageflow-object id="forward:return-action#done#begin#@action:done.do@">
*   <property value="144,120,120,96" name="elbowsX" />
*   <property value="192,192,192,192" name="elbowsY" />
*   <property value="West_1" name="fromPort" />
*   <property value="East_1" name="toPort" />
*   <property value="done" name="label" />
* </pageflow-object>
* <pageflow-object id="forward:path#success#kayaking.jsp##@action:ThisWeeksSpecial.do@">
*   <property value="104,110,110,116" name="elbowsY" />
*   <property value="300,300,300,300" name="elbowsX" />
*   <property value="North_1" name="toPort" />
*   <property value="South_1" name="fromPort" />
*   <property value="success" name="label" />
* </pageflow-object>
* </view-properties>
* ::
* */
public class controllerFileNavigationController extends PageFlowController
{
    /**
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"
     */
    protected Forward begin()
    {
        return new Forward( "success" );
    }

    /**
     * If the user runs this nested page flow independently of its nesting page flow
     * (SamplesApp/WebApp/Controller.jpf) and attempts to return to the

```


navnavigation.html Sample

```
* nesting page flow, she will receive an EmptyNestingStackException.
*
* The jpf:catch annotation below handles this exception and tells the user how to
* recover from the error.
*
* @jpf:action
* @jpf:forward name="done" return-action="begin"
* @jpf:catch method="handleError" type="com.bea.wlw.netui.pageflow.EmptyNestingStackExcept
*/
public Forward done()
{
    return new Forward( "done" );
}

/**
 * This method is called when a user receives an EmptyNestingStackException.
 *
 * @jpf:exception-handler
 * @jpf:forward name="error" path="error.jsp"
 */
public Forward handleError( Exception e, String msg, String msgKey, ActionForm form )
{
    getRequest().setAttribute("e", e.toString());
    return new Forward ( "error" );
}

/**
 * This method forwards to the JSP identified in the path
 * attribute of the forward annotation. Instead of
 * hard-coding the destination in presentation-layer JSP
 * files, navigation control is set in this file, the
 * Page Flow's controller class. In this simple example,
 * you can update the ThisWeeksSpecial target by changing
 * (for example) path="kayaking.jsp" to path="sailing.jsp"
 *
 * @jpf:action
 * @jpf:forward name="success" path="kayaking.jsp"
 */
public Forward ThisWeeksSpecial()
{
    return new Forward( "success" );
}
}
```

Error.jsp Sample

This topic includes the source code for the Error.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/controllerFileNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>
    <blockquote>
      <h4>
        An error occurred
      </h4>
      <p><netui:label value="{request.e}" style="color:red;font-size:10pt;" />
      <p>You have received this error because you have tried to call
      a nesting page flow that is not currently in the stack.
      <p>The current page flow (specialFlowController.jspf) is a nested page flow, which must be
      from its nesting page flow (SamplesApp/WebApp/Controller.jspf).
      <p>To avoid this error, begin your navigation at the nesting page flow
      (<a href="/WebApp/Controller.jspf">SamplesApp/WebApp/Controller.jspf</a>)
      and enter specialFlowController.jspf via the link
      "Altering Navigation from the Page Flow, Not in the JSPs".
    </blockquote>
  </body>
</html>
```

Index.jsp Sample

This topic includes the source code for the Index.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/controllerFileNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <netui:base/>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>
    <br/>

    <table width=500 align="center" border=0 cellpadding=5>
      <tr>

        <td colspan=2>
          <p><b>Making it Easy to Update Navigation</b></p> <p>&nbsp;</p>
          <p>This simple example shows how content can be present
            navigation code to the Page Flow Controller file. In this case, the value of
            "ThisWeeksSpecial" action method in the JPF file determines which page is shown
            when the user clicks the Let's Go button.</p> <p>&nbsp;</p>
        </td>
      </tr>

      <tr bgcolor=navy valign="top">
        <td></td>
        <td>
          <p class="white-title">Welcome to Adventure Travels</p>
          <p class="white-text">We offer fun, challenging water-sport
            excursions to exotic locations...</p>

          <p class="white-text">Special discounts apply to some trips
            that are departing soon (airfare included).</p>

          <hr width=95% size=1 align=left>

          <p class="white-text">Learn more about This Week's Special!</p>

          <netui:form action="ThisWeeksSpecial">
            <netui:button type="submit" value="Let's Go!" />
          </netui:form>
        </td>
      </tr>
    </table>
  </body>
</html>
```

navnavigation.html Sample

```
</netui:form>

    </td>
</tr>

    <tr>
      <td>
        <p><b>Return to the Samples Home Page</b>&nbsp;&nbsp;&nbsp;</p>
        <netui:form action="done">
          <netui:button value="Home" type="submit"/>
        </netui:form>
      </td>
    </tr>
  </table>

</body>
</html>
```

Kayaking.jsp Sample

This topic includes the source code for the Kayaking.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/controllerFileNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <netui:base/>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>
    <br/>

    <table width=400 align="center" border=0 cellpadding=5>

      <tr bgcolor=navy valign="top">
        <td></td>
        <td>
          <p class="white-title">Kayaking Adventure, Leaving Soon!</p>
          <p class="white-text">This four-day adventure starts in Key Largo,
            Florida and explores the inter-coastal waterways of the warm...</p>

          <hr width=95% size=1 align=left>

          <netui:form action="done">
            <netui:button type="submit" value="Done" />
          </netui:form>

        </td>
      </tr>
    </table>

    <table width=400 align="center" border=0 cellpadding=5>
      <tr bgcolor=white>
        <td>
          <p>&nbsp;</p>
          <hr size=1 width=75%>
        </td>
      </tr>
    </table>
  </body>
</html>
```

navnavigation.html Sample

```
<p>For information about altering this simple navigation,
see the comments about the "ThisWeeksSpecial"
action method in the specialFlowController.jspf file. It resides in
the following directory:</p>

<p>&lt;WEBLOGIC-HOME&gt;\samples\workshop\SamplesApp\WebApp\specialFlow</p>

<p>To return to the Samples Home page, click the Done button.</p>
</td>

</tr>

</table>

</body>
</html>
```

Sailing.jsp Sample

This topic includes the source code for the Sailing.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/controllerFileNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>
    <br/>

    <table width=400 align="center" border=0 cellpadding=5>

      <tr bgcolor=navy valign="top">
        <td></td>
        <td>
          <p class="white-title">Sailing Adventure, Leaving Soon!</p>
          <p class="white-text">This seven-day adventure starts in Hamilton,
            Bermuda, and takes you westward across the Atlantic to
            our home port in Annapolis, Maryland...</p>

          <hr width=95% size=1 align=left>

          <netui:form action="done">
            <netui:button type="submit" value="Done" />
          </netui:form>

        </td>
      </tr>
    </table>

    <table width=400 align="center" border=0 cellpadding=5>
      <tr bgcolor=white>
        <td>
          <p>&nbsp;</p>
          <hr size=1 width=75%>
        </td>
      </tr>
    </table>
  </body>
</html>
```

navnavigation.html Sample

```
<p>For information about altering this simple navigation,
see the comments about the "ThisWeeksSpecial"
action method in the specialFlowController.jspf file. It resides in
the following directory:</p>

<p>&lt;WEBLOGIC-HOME&gt;\samples\workshop\SamplesApp\WebApp\specialFlow</p>

<p>To return to the Samples Home page, click the Done button.</p>
</td>

</tr>

</table>

</body>
</html>
```


handleException Samples

This section contains source code for the following samples.

Samples Included in This Section

HandleExceptionHandler.jspf Sample

Index.jsp Sample

ShowError.jsp Sample

HandleExceptionController.jspf Sample

This topic includes the source code for the HandleExceptionController.jspf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/handleException/

Sample Source Code

```
package navigation.handleException;

import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;
import demoErrors.DeliberateException;

/**
 * @jpf:controller
 * @jpf:catch type="Exception" path="showError.jsp"
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/handleException/HandleExceptionController.jspf"/>
 * <pageflow-object id="action:begin.do">
 *   <property value="80" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:triggerError.do">
 *   <property value="240" name="x"/>
 *   <property value="260" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp#@action:triggerError.do@">
 *   <property value="229,229,229,229" name="elbowsX"/>
 *   <property value="144,180,180,216" name="elbowsY"/>
 *   <property value="South_0" name="fromPort"/>
 *   <property value="North_0" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="page:index.jsp">
 *   <property value="240" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:showError.jsp#@action:begin.do@">
 *   <property value="80,80,80,80" name="elbowsX"/>
 *   <property value="216,180,180,144" name="elbowsY"/>
 *   <property value="North_1" name="fromPort"/>
 *   <property value="South_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="page:showError.jsp">
 *   <property value="80" name="x"/>
 *   <property value="260" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="forward:path#success#index.jsp#@action:begin.do@">
 *   <property value="116,160,160,204" name="elbowsX"/>
 *   <property value="92,92,92,92" name="elbowsY"/>
 *   <property value="East_1" name="fromPort"/>

```

navnavigation.html Sample

```
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#index.jsp#@action:triggerError.do@">
*   <property value="240,240,240,240" name="elbowsX"/>
*   <property value="216,180,180,144" name="elbowsY"/>
*   <property value="North_1" name="fromPort"/>
*   <property value="South_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* </view-properties>
* ::
*/
public class HandleExceptionController extends PageFlowController
{
    /**
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"
     */
    protected Forward begin()
    {
        return new Forward("success");
    }

    /**
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"
     */
    public Forward triggerError() throws Exception
    {
        if ( true )
        {
            throw new Exception(
                "This exception was intentionally triggered to demonstrate the @jpf:catch annot
            )
        }

        return new Forward( "success" );
    }
}
```

Index.jsp Sample

This topic includes the source code for the Index.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/handleException/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<netui:html>
  <head>
    <title>
      index.jsp
    </title>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp"/> <br/>
    <h3>Exception Handling Sample</h3>
    <blockquote>
      <p>This sample shows how to handle exceptions in a Page Flow.
      <p>When an exception arises in a Page Flow, you can send the user
      to a error.jsp page, which contains information on the nature of the error
      and how to recover from it.
      <p>Clicking the link below intentionally causes an exception to be thrown,
      an exception which is caught by the Controller file's @jpf:catch annotation.
      You will be forwarded to the showError.jsp page.
      <p>

      <netui:anchor action="triggerError">
        Cause exception
      </netui:anchor>

    </blockquote>
  </body>
</netui:html>
```

ShowError.jsp Sample

This topic includes the source code for the ShowError.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/handleException/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@taglib prefix="netui" uri="netui-tags-html.tld"%>

<html>
<head>
<netui:base/>
  <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  <title>showError.jsp, to Demonstrate @jpf:catch annotation in Controller.jpf</title>
</head>
<body style="margin:0">
  <jsp:include page="/resources/jsp/header.jsp"/>
  <blockquote>
    <h3>Welcome to showError.jsp...</h3>

    <p>The following diagram illustrates what just happened:</P>

    <ol class="list">

      <li>You clicked the &quot;Cause exception&quot; link which invoked the &quot;trigger
      action method.</li>
      <li>In the Controller file, the triggerError action method was intentionally coded
      (for demonstration purposes) to throw an Exception.</li>
      <li>The @jpf:catch annotation detected the Exception,
      and forwarded you to this page, showError.jsp.</li>

    </ol>

    <p>
      <netui:image src="/WebApp/navigation/handleException/whatJustHappened.gif" />
    </p>

    <hr>
    <p><netui:anchor action="begin">Throw another error</netui:anchor>
    <p><netui:anchor href="/WebApp/navigation/navigationController.jpf">Return to Web Application
    <p><netui:anchor href="/WebApp/Controller.jpf">Return to Web Application Samples Home</netui:
    <p>&nbsp;</p>
  </blockquote>

</body>
</html>
```

Index.jsp Sample

This topic includes the source code for the Index.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<netui:base />
<netui:html>
  <head>
    <title>
      Web Application Samples: Navigation
    </title>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp"/>

    <h3>Web Application Samples: Navigation</h3>
    <p>These samples show how control navigation in Page Flow applications.</p>
    <blockquote>
      <hr>
      <h4><netui:anchor action="toSimpleNavigation">Navigating Between Page A and Page B</netui:anchor>
      <p>This sample shows simple navigation between pages using action methods.
      When the
      navigation links are clicked, action methods are invoked, which forward
      the user to other JSP pages.
      <p>This sample also shows how to invoke action methods from HTML files,
      even when those HTML files
      have no special JSP capabilities.
      <p>Source code: <code>SamplesApp/WebApp/navigation/simpleNavigation/</code>
      <hr>
      <h4><netui:anchor action="toControllerFileNavigation">Define Navigation in the Controller File</netui:anchor>
      <p>This sample shows how you can update links by changing the Java code in the
      Controller file without changing the code in your JSP pages. This helps maintain
      a separation between presentation code (in the JSP pages) and data processing code (in
      the Controller file).
      <p>Source code: <code>SamplesApp/WebApp/navigation/controllerFileNavigation/</code>
      <hr>
      <h4><netui:anchor action="toSelectTagNavigation">Dropdown Navigation</netui:anchor></h4>
      <p>Shows a dropdown menu of links to other pages.
      <p>Source code: <code>SamplesApp/WebApp/navigation/selectTagNavigation/</code>
      <hr>
      <h4><netui:anchor action="toNesting">Nesting Page Flows</netui:anchor></h4>
      <p>Shows how to nest one Page Flow within another.
      <p>Nesting makes it easy to pass data from one Page Flow (the nested Page Flow) to
      another (the nesting Page Flow).
      <p>Source code: <code>SamplesApp/WebApp/navigation/nesting/</code>
      <hr>
```

navnavigation.html Sample

```
<h4><netui:anchor action="toHandleException">Handling Exceptions</netui:anchor></h4>
<p>Shows how to forward to an error.jsp page when an exception occurs.
<p>Source code: <code>SamplesApp/WebApp/navigation/handleException/</code>
<hr>
</blockquote>
<netui:anchor action="toPageFlowSamples">Back to Web Application Samples Home</netui:an
</body>
</netui:html>
```

NavigationController.jpf Sample

This topic includes the source code for the NavigationController.jpf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/

Sample Source Code

```
package navigation;
import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;

/**
 * @jpf:controller
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/navigationController.jpf"/>
 * <pageflow-object id="action:begin.do">
 *   <property value="100" name="x"/>
 *   <property value="40" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toSimpleNavigation.do">
 *   <property value="400" name="x"/>
 *   <property value="40" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toSelectTagNavigation.do">
 *   <property value="400" name="x"/>
 *   <property value="180" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toNesting.do">
 *   <property value="400" name="x"/>
 *   <property value="260" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toControllerFileNavigation.do">
 *   <property value="400" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toPageFlowSamples.do">
 *   <property value="400" name="x"/>
 *   <property value="420" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toHandleException.do">
 *   <property value="400" name="x"/>
 *   <property value="340" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp#@action:toControllerFileNavigation.do@">
 *   <property value="276,320,320,364" name="elbowsX"/>
 *   <property value="32,32,92,92" name="elbowsY"/>
 *   <property value="East_1" name="fromPort"/>
 *   <property value="West_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp#@action:toPageFlowSamples.do@">
```


navnavigation.html Sample

```
* <property value="276,320,320,364" name="elbowsX" />
* <property value="32,32,412,412" name="elbowsY" />
* <property value="East_1" name="fromPort" />
* <property value="West_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:index.jsp#@action:toSimpleNavigation.do@">
*   <property value="276,320,320,364" name="elbowsX" />
*   <property value="32,32,32,32" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:index.jsp#@action:toSelectTagNavigation.do@">
*   <property value="276,320,320,364" name="elbowsX" />
*   <property value="32,32,172,172" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:index.jsp#@action:toHandleException.do@">
*   <property value="276,320,320,364" name="elbowsX" />
*   <property value="43,43,332,332" name="elbowsY" />
*   <property value="East_2" name="fromPort" />
*   <property value="West_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:index.jsp#@action:toNesting.do@">
*   <property value="276,320,320,364" name="elbowsX" />
*   <property value="32,32,252,252" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="page:index.jsp">
*   <property value="240" name="x" />
*   <property value="40" name="y" />
* </pageflow-object>
* <pageflow-object id="external-jpf:simpleNavigation/SimpleNavigationController.jpf">
*   <property value="540" name="x" />
*   <property value="40" name="y" />
* </pageflow-object>
* <pageflow-object id="external-jpf:selectTagNavigation/SelectTagNavigationController.jpf">
*   <property value="540" name="x" />
*   <property value="180" name="y" />
* </pageflow-object>
* <pageflow-object id="external-jpf:nesting/nestingPageFlow/NestingPageFlowController.jpf">
*   <property value="540" name="x" />
*   <property value="260" name="y" />
* </pageflow-object>
* <pageflow-object id="action-call:@external-jpf:controllerFileNavigation/controllerFileNavigationController.jpf">
*   <property value="504,320,320,136" name="elbowsX" />
*   <property value="92,92,32,32" name="elbowsY" />
*   <property value="West_1" name="fromPort" />
*   <property value="East_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="external-jpf:controllerFileNavigation/controllerFileNavigationController.jpf">
*   <property value="540" name="x" />
*   <property value="100" name="y" />
* </pageflow-object>
* <pageflow-object id="external-jpf:/Controller.jpf">
*   <property value="540" name="x" />
*   <property value="420" name="y" />
* </pageflow-object>
* <pageflow-object id="external-jpf:handleException/HandleExceptionController.jpf">
*   <property value="540" name="x" />
```

navnavigation.html Sample

```

*   <property value="340" name="y"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#index.jsp#@action:begin.do@">
*   <property value="136,170,170,204" name="elbowsX"/>
*   <property value="32,32,32,32" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#simpleNavigation/SimpleNavigationController.jspf#@a
*   <property value="436,470,470,504" name="elbowsX"/>
*   <property value="32,32,32,32" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#selectTagNavigation/SelectTagNavigationController.
*   <property value="436,470,470,504" name="elbowsX"/>
*   <property value="172,172,172,172" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#nesting/nestingPageFlow/NestingPageFlowController.
*   <property value="436,470,470,504" name="elbowsX"/>
*   <property value="252,252,252,252" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#controllerFileNavigation/controllerFileNavigationC
*   <property value="436,470,470,504" name="elbowsX"/>
*   <property value="92,92,92,92" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#/Controller.jspf#@action:toPageFlowSamples.do@">
*   <property value="436,470,470,504" name="elbowsX"/>
*   <property value="412,412,412,412" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#handleException/HandleExceptionController.jspf#@act
*   <property value="436,470,470,504" name="elbowsX"/>
*   <property value="332,332,332,332" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* </view-properties>
* ::
*/
public class navigationController extends PageFlowController
{

    /**
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"

```

navnavigation.html Sample

```
    */
protected Forward begin()
{
    return new Forward("success");
}

/**
 * @jpf:action
 * @jpf:forward path="simpleNavigation/SimpleNavigationController.jpf" name="success"
 */
protected Forward toSimpleNavigation()
{
    return new Forward("success");
}

/**
 * @jpf:action
 * @jpf:forward path="selectTagNavigation/SelectTagNavigationController.jpf" name="success"
 */
protected Forward toSelectTagNavigation()
{
    return new Forward("success");
}

/**
 * @jpf:action
 * @jpf:forward path="nesting/nestingPageFlow/NestingPageFlowController.jpf" name="success"
 */
protected Forward toNesting()
{
    return new Forward("success");
}

/**
 * @jpf:action
 * @jpf:forward path="controllerFileNavigation/controllerFileNavigationController.jpf" name="success"
 */
protected Forward toControllerFileNavigation()
{
    return new Forward("success");
}

/**
 * @jpf:action
 * @jpf:forward path="/Controller.jpf" name="success"
 */
protected Forward toPageFlowSamples()
{
    return new Forward("success");
}

/**
 * @jpf:action
 * @jpf:forward path="handleException/HandleExceptionController.jpf" name="success"
 */
protected Forward toHandleException()
{
    return new Forward("success");
}
}
```

nesting Samples

This section contains source code for the following samples.

Samples Included in This Section

nestedPageFlow Samples

nestingPageFlow Samples

nestedPageFlow Samples

This section contains source code for the following samples.

Samples Included in This Section

Error.jsp Sample

Index.jsp Sample

NestedPageFlowController.jspf Sample

Error.jsp Sample

This topic includes the source code for the Error.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/nesting/nestedPageFlow/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<netui:html>
  <head>
    <title>
      error.jsp
    </title>
  </head>
  <body>
    <h3>EmptyNestingStackException</h3>
    <blockquote>
      <p>You have reached this page because the nested Page Flow has been run
      independently of its nesting Page Flow. When nested Page Flows are run independently
      a <code>EmptyNestingStackException</code> exception is thrown.
      <p>The link below takes you to the nesting Page Flow. From there you can
      safely enter the nested Page Flow.
      <p><netui:anchor action="toNestedPageFlow">To Nesting Page Flow</netui:anchor>
      <p>To reproduce this error:
      <ol>
        <li>(1) Run the file <code>SamplesApp/WebApp/navigation/nesting/nestedPageFlow/NestedPa
        <li>(2) Click the "Submit Profile" button. </li>
      </ol>
    </blockquote>
  </body>
</netui:html>
```

Index.jsp Sample

This topic includes the source code for the Index.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/nesting/nestedPageFlow/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<netui:html>
  <head>
    <title>
      index.jsp
    </title>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp" /> <br/>
    <h3>User Profile</h3>
    <p>This is the <i>nested</i> Page Flow.
    <p>When you submit the form below, the data will be returned to the nesting Page Flow.
    <blockquote>
      <p>Please provide the following user profile information.
      <netui:form action="submitProfile">
        <table>
          <tr valign="top">
            <td>FirstName:</td>
            <td>
              <netui:textBox dataSource="{actionForm.firstName}" />
            </td>
          </tr>
          <tr valign="top">
            <td>LastName:</td>
            <td>
              <netui:textBox dataSource="{actionForm.lastName}" />
            </td>
          </tr>
          <tr valign="top">
            <td>Age:</td>
            <td>
              <netui:textBox dataSource="{actionForm.age}" />
            </td>
          </tr>
        </table>
        <br/>&nbsp;
        <netui:button value="Submit Profile" type="submit" />
      </netui:form>
    </blockquote>
  </body>
</netui:html>
```

NestedPageFlowController.jspf Sample

This topic includes the source code for the NestedPageFlowController.jspf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/nesting/nestedPageFlow/

Sample Source Code

```
package navigation.nesting.nestedPageFlow;
import com.bea.wlw.netui.pageflow.FormData;
import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;

/**
 * This nested Page Flow collects data from the user and passes it to its nesting Page Flow.
 *
 * Note: if you try to run this Page Flow independently of its nesting Page Flow,
 * a EmptyNestingStackException exception will be thrown when you submit the
 * profile data.
 *
 * @jpf:controller nested="true"
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/nesting/nestedPageFlow/NestedPageFlowController.jspf"
 * <pageflow-object id="action:begin.do">
 *   <property value="80" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:submitProfile.do#navigation.nesting.nestedPageFlow.NestedPageFlowController.jspf"
 *   <property value="380" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toNestedPageFlow.do">
 *   <property value="520" name="x"/>
 *   <property value="200" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp#@action:submitProfile.do#navigation.nesting.nestedPageFlow.NestedPageFlowController.jspf"
 *   <property value="276,310,310,344" name="elbowsX"/>
 *   <property value="92,92,92,92" name="elbowsY"/>
 *   <property value="East_1" name="fromPort"/>
 *   <property value="West_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="page:index.jsp">
 *   <property value="240" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="external-jpf:/navigation/nesting/nestingPageFlow/NestingPageFlowController.jspf"
 *   <property value="680" name="x"/>
 *   <property value="200" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:error.jsp#@action:toNestedPageFlow.do@">
 *   <property value="416,450,450,484" name="elbowsX"/>

```


navnavigation.html Sample

```

*   <property value="192,192,192,192" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="page:error.jsp">
*   <property value="380" name="x" />
*   <property value="200" name="y" />
* </pageflow-object>
* <pageflow-object id="forward:path#success#index.jsp#@action:begin.do@">
*   <property value="116,160,160,204" name="elbowsX" />
*   <property value="92,92,92,92" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
*   <property value="success" name="label" />
* </pageflow-object>
* <pageflow-object id="exit:showProfile">
*   <property value="520" name="x" />
*   <property value="100" name="y" />
* </pageflow-object>
* <pageflow-object id="forward:return-action#success#showProfile#@action:submitProfile.do#navi
*   <property value="416,450,450,484" name="elbowsX" />
*   <property value="92,92,92,92" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
*   <property value="success" name="label" />
* </pageflow-object>
* <pageflow-object id="forward:path#success#/navigation/nesting/nestingPageFlow/NestingPageFlo
*   <property value="556,600,600,644" name="elbowsX" />
*   <property value="192,192,192,192" name="elbowsY" />
*   <property value="East_1" name="fromPort" />
*   <property value="West_1" name="toPort" />
*   <property value="success" name="label" />
* </pageflow-object>
* <pageflow-object id="formbeanprop:navigation.nesting.nestedPageFlow.NestedPageFlowController
* <pageflow-object id="formbeanprop:navigation.nesting.nestedPageFlow.NestedPageFlowController
* <pageflow-object id="formbeanprop:navigation.nesting.nestedPageFlow.NestedPageFlowController
* <pageflow-object id="formbean:navigation.nesting.nestedPageFlow.NestedPageFlowController.Pro
* </view-properties>
* ::
* @jpf:catch path="error.jsp" type="com.bea.wlw.netui.pageflow.EmptyNestingStackException"
*/
public class NestedPageFlowController extends PageFlowController
{
    /**
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"
     */
    protected Forward begin()
    {
        return new Forward("success");
    }

    /**
     * The "showProfile" action is a method on the nesting Page Flow.
     * The profile data collected from the customer is returned to
     * the "showProfile" action.
     *
     * @jpf:action
     * @jpf:forward return-action="showProfile" return-form-type="ProfileForm" name="success"
     */
    protected Forward submitProfile(ProfileForm form)

```

navnavigation.html Sample

```
{
    return new Forward("success", form);
}

/**
 * @jpf:action
 * @jpf:forward name="success" path="/navigation/nesting/nestingPageFlow/NestingPageFlowCon
 */
protected Forward toNestedPageFlow()
{
    return new Forward("success");
}

public static class ProfileForm extends FormData
{
    private int age;

    private String lastName;

    private String firstName;

    public void setFirstName(String firstName)
    {
        this.firstName = firstName;
    }

    public String getFirstName()
    {
        return this.firstName;
    }

    public void setLastName(String lastName)
    {
        this.lastName = lastName;
    }

    public String getLastName()
    {
        return this.lastName;
    }

    public void setAge(int age)
    {
        this.age = age;
    }

    public int getAge()
    {
        return this.age;
    }
}
}
```

nestingPageFlow Samples

This section contains source code for the following samples.

Samples Included in This Section

Index.jsp Sample

NestingPageFlowController.jspf Sample

ShowProfile.jsp Sample

Index.jsp Sample

This topic includes the source code for the Index.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/nesting/nestingPageFlow/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<netui:html>
  <head>
    <title>
      index.jsp
    </title>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp"/> <br/>
    <h3>Nesting/Nested Page Flows Sample</h3>
    <p>This is the <i>nesting</i> Page Flow.
    <p>The link below will take you to the nested Page Flow, where you will fill out
    user profile information.
    <p>When you submit the profile, the data will be returned to this, the nesting, Page Flow.
    <blockquote>
      <netui:anchor action="toNestedPageFlow">Make Profile</netui:anchor>
    </blockquote>
  </body>
</netui:html>
```

NestingPageFlowController.jpf Sample

This topic includes the source code for the NestingPageFlowController.jpf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/nesting/nestingPageFlow/

Sample Source Code

```
package navigation.nesting.nestingPageFlow;
import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;
import navigation.nesting.nestedPageFlow.NestedPageFlowController.ProfileForm;

/**
 * @jpf:controller
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/nesting/nestingPageFlow/NestingPageFlowController."
 * <pageflow-object id="action:begin.do">
 *   <property value="80" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:toNestedPageFlow.do">
 *   <property value="180" name="x"/>
 *   <property value="200" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:showProfile.do#navigation.nesting.nestedPageFlow.NestedPageFlowController.ProfileForm"
 *   <property value="180" name="x"/>
 *   <property value="420" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp#@@action:toNestedPageFlow.do@">
 *   <property value="180,180,180,180" name="elbowsX"/>
 *   <property value="144,150,150,156" name="elbowsY"/>
 *   <property value="South_1" name="fromPort"/>
 *   <property value="North_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="page:index.jsp">
 *   <property value="180" name="x"/>
 *   <property value="100" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@external-jpf:/navigation/nesting/nestedPageFlow/NestedPageFlowController.ProfileForm"
 *   <property value="180,180,180,180" name="elbowsX"/>
 *   <property value="364,370,370,376" name="elbowsY"/>
 *   <property value="South_1" name="fromPort"/>
 *   <property value="North_1" name="toPort"/>
 * </pageflow-object>
 * <pageflow-object id="external-jpf:/navigation/nesting/nestedPageFlow/NestedPageFlowController.ProfileForm"
 *   <property value="180" name="x"/>
 *   <property value="320" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:showProfile.jsp#@@action:begin.do@">
 *   <property value="80,80,80,80" name="elbowsX"/>
```

navnavigation.html Sample

```

*   <property value="376,260,260,144" name="elbowsY"/>
*   <property value="North_1" name="fromPort"/>
*   <property value="South_1" name="toPort"/>
* </pageflow-object>
* <pageflow-object id="page:showProfile.jsp">
*   <property value="80" name="x"/>
*   <property value="420" name="y"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#index.jsp#@action:begin.do@">
*   <property value="116,130,130,144" name="elbowsX"/>
*   <property value="92,92,92,92" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#/navigation/nesting/nestedPageFlow/NestedPageFlowC">
*   <property value="180,180,180,180" name="elbowsX"/>
*   <property value="244,260,260,276" name="elbowsY"/>
*   <property value="South_1" name="fromPort"/>
*   <property value="North_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#success#showProfile.jsp#@action:showProfile.do#navigation.">
*   <property value="144,130,130,116" name="elbowsX"/>
*   <property value="412,412,412,412" name="elbowsY"/>
*   <property value="West_1" name="fromPort"/>
*   <property value="East_1" name="toPort"/>
*   <property value="success" name="label"/>
* </pageflow-object>
* </view-properties>
* ::
*/
public class NestingPageFlowController extends PageFlowController
{

    // Uncomment this declaration to access Global.app.
    //
    //     protected global.Global globalApp;
    //

    // For an example of page flow exception handling see the example "catch" and "exception-ha
    // annotations in {project}/WEB-INF/src/global/Global.app

    /**
     * This method represents the point of entry into the pageflow
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"
     */
    protected Forward begin()
    {
        return new Forward("success");
    }

    /**
     * @jpf:action
     * @jpf:forward name="success" path="/navigation/nesting/nestedPageFlow/NestedPageFlowContr
     */
    protected Forward toNestedPageFlow()
    {
        return new Forward("success");
    }

```

navnavigation.html Sample

```
}

/**
 * @jpf:action
 * @jpf:forward name="success" path="showProfile.jsp"
 */
protected Forward showProfile(ProfileForm form)
{
    // Store the profile data in the Request object.
    getRequest().setAttribute("profile", form);

    return new Forward("success");
}
}
```

ShowProfile.jsp Sample

This topic includes the source code for the ShowProfile.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/nesting/nestingPageFlow/

Sample Source Code

```
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<netui:html>
  <head>
    <title>
      showProfile.jsp
    </title>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp" /> <br/>
    <h3>The Data You Submitted</h3>
    <p>You are back at the <i>nesting</i> Page Flow.
    <p>You submitted the following profile data.
    <blockquote>
      <p><b>First Name:</b><netui:label value="{request.profile.firstName}" />
      <p><b>Last Name:</b><netui:label value="{request.profile.lastName}" />
      <p><b>Age:</b><netui:label value="{request.profile.age}" />
    </blockquote>

    <hr>
    <p><netui:anchor action="begin">Fill out another User Profile</netui:anchor>
    <p><netui:anchor href="/WebApp/navigation/navigationController.jspf">Back to the Navigat
  </body>
</netui:html>
```


selectTagNavigation Samples

This section contains source code for the following samples.

Samples Included in This Section

Convertibles.jsp Sample

Error.jsp Sample

Index.jsp Sample

SelectTagNavigationController.jspf Sample

Specialty.jsp Sample

Vintage.jsp Sample

Convertibles.jsp Sample

This topic includes the source code for the Convertibles.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/selectTagNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
    <title>
      Convertible Cars Index
    </title>
  </head>
  <netui:base/>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>

    <table width=100% align=left border=0 cellpadding=0 cellspacing=0>

  <tr>

  <td width=5>&nbsp;</td>

  <td width=296 valign="top">

      <!-- Royalty-free images used in this sample are from Artville,
      Digital Vision, EyeWire, PhotoDisc.
      http://creative.gettyimages.com -->

      <netui:image src="../../resources/images/convertibleCars1.jpg" width="280" height="187">

    </td>

  <td valign="top">

    <p><b>Convertibles!</b></p>

    <blockquote>

      <p>Spring is finally here, and it's a gorgeous day ... time to put the top down,
        and hit the road in your own convertible... [more text...] </p>

      <p>&nbsp;</p>

      <hr width=200 align=left>
```

navnavigation.html Sample

[illegible]

navnavigation.html Sample

```
</body>  
</html>
```

Error.jsp Sample

This topic includes the source code for the Error.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/selectTagNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>
    <center>
      <b>
        An internal error occurred
      </b>
      <br/>
      <br/>
      <netui:anchor action="begin">Back to SelectCars Start Page</netui:anchor>
    </center>
  </body>
</html>
```

Index.jsp Sample

This topic includes the source code for the Index.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/selectTagNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ page import="java.util.List, java.util.ArrayList, java.util.Iterator, databinding.DataBean" %>

<%
    if(request.getAttribute("dataBean") == null)
    {
        DataBean bean = new DataBean();
        ArrayList selectOptions = new ArrayList();
        selectOptions.add("Convertibles");
        selectOptions.add("Specialty");
        selectOptions.add("Vintage");
        ArrayList selectDefaults = new ArrayList();
        selectDefaults.add("Convertibles");
        bean.setSelectOptions(selectOptions);
        bean.setSelectionDefaults(selectDefaults);
        request.setAttribute("dataBean", bean);
    }
%>

<html>
    <head>
        <netui:base/>
        <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
        <title>
            Select Cars Index Page
        </title>
    </head>
    <body style="margin:0">
        <jsp:include page="/resources/jsp/header.jsp"/> <br/>

        <table width=100% align=left border=0 cellpadding=0 cellspacing=0>
            <tr>
                <td width=5>
                    &nbsp;
                </td>
                <td width=296 valign="top">

                    <!-- Royalty-free images used in this sample are from Artville,
                        Digital Vision, EyeWire, PhotoDisc.
                        http://creative.gettyimages.com -->
```

navnavigation.html Sample

[illegible]

navnavigation.html Sample

<p>In index.jsp, notice the following attributes used on the
<netui:select> tag: optionsDataSource, defaultValue, and dataSource.
In this case, we populated the first two attributes in index.jsp
by using an imported dataBean.

<p>There are other ways to bind data
to a read/write tag's attributes, and setting the values in the JSP is
not the preferred way. Be sure to see the /dropdown/dropdownController.jspf
sample next!

```
        </td>
      </tr>

    </table>
  </body>
</html>
```


SelectTagNavigationController.jspf Sample

This topic includes the source code for the SelectTagNavigationController.jspf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/selectTagNavigation/

Sample Source Code

```
package navigation.selectTagNavigation;

import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;
import com.bea.wlw.netui.pageflow.FormData;
import com.bea.wlw.netui.tags.html.Form;
import java.util.*;

/**
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/selectTagNavigation/SelectTagNavigationController."
 * <pageflow-object id="action:begin.do">
 *   <property value="80" name="x"/>
 *   <property value="60" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:done.do">
 *   <property value="80" name="x"/>
 *   <property value="280" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:goAgain.do">
 *   <property value="260" name="x"/>
 *   <property value="440" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action:selectedCar.do#navigation.selectTagNavigation.SelectTagNavigationController."
 *   <property value="260" name="x"/>
 *   <property value="120" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:index.jsp@#@action:done.do@">
 *   <property value="204,220,220,236" name="elbowsY"/>
 *   <property value="80,80,80,80" name="elbowsX"/>
 *   <property value="North_1" name="toPort"/>
 *   <property value="South_1" name="fromPort"/>
 * </pageflow-object>
 * <pageflow-object id="page:index.jsp">
 *   <property value="80" name="x"/>
 *   <property value="160" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="external-jpf:/navigation/navigationController.jspf">
 *   <property value="80" name="x"/>
 *   <property value="380" name="y"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:convertibles.jsp@#@action:done.do@">
 *   <property value="272,272,272,272" name="elbowsY"/>

```

navnavigation.html Sample

```
* <property value="224,170,170,116" name="elbowsX" />
* <property value="East_1" name="toPort" />
* <property value="West_1" name="fromPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:convertibles.jsp@@action:goAgain.do@">
*   <property value="324,360,360,396" name="elbowsY" />
*   <property value="260,260,260,260" name="elbowsX" />
*   <property value="North_1" name="toPort" />
*   <property value="South_1" name="fromPort" />
* </pageflow-object>
* <pageflow-object id="page:convertibles.jsp">
*   <property value="260" name="x" />
*   <property value="280" name="y" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:specialty.jsp@@action:goAgain.do@">
*   <property value="283,283,432,432" name="elbowsY" />
*   <property value="196,210,210,224" name="elbowsX" />
*   <property value="West_1" name="toPort" />
*   <property value="East_2" name="fromPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:specialty.jsp@@action:done.do@">
*   <property value="272,272,272,272" name="elbowsY" />
*   <property value="124,120,120,116" name="elbowsX" />
*   <property value="East_1" name="toPort" />
*   <property value="West_1" name="fromPort" />
* </pageflow-object>
* <pageflow-object id="page:specialty.jsp">
*   <property value="160" name="x" />
*   <property value="280" name="y" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:vintage.jsp@@action:done.do@">
*   <property value="272,272,272,272" name="elbowsY" />
*   <property value="304,210,210,116" name="elbowsX" />
*   <property value="East_1" name="toPort" />
*   <property value="West_1" name="fromPort" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:vintage.jsp@@action:goAgain.do@">
*   <property value="283,283,432,432" name="elbowsY" />
*   <property value="304,300,300,296" name="elbowsX" />
*   <property value="East_1" name="toPort" />
*   <property value="West_2" name="fromPort" />
* </pageflow-object>
* <pageflow-object id="page:vintage.jsp">
*   <property value="340" name="x" />
*   <property value="280" name="y" />
* </pageflow-object>
* <pageflow-object id="action-call:@page:error.jsp@@action:begin.do@">
*   <property value="144,130,130,116" name="elbowsX" />
*   <property value="52,52,52,52" name="elbowsY" />
*   <property value="West_1" name="fromPort" />
*   <property value="East_1" name="toPort" />
* </pageflow-object>
* <pageflow-object id="page:error.jsp">
*   <property value="180" name="x" />
*   <property value="60" name="y" />
* </pageflow-object>
* <pageflow-object id="forward:path#success#index.jsp@@action:begin.do@">
*   <property value="104,110,110,116" name="elbowsY" />
*   <property value="North_1" name="toPort" />
*   <property value="80,80,80,80" name="elbowsX" />
*   <property value="success" name="label" />
```

navnavigation.html Sample

```

*   <property value="South_1" name="fromPort"/>
* </pageflow-object>
* <pageflow-object id="forward:path#done#/navigation/navigationController.jspf#@action:done.do@
*   <property value="80,80,80,80" name="elbowsX"/>
*   <property value="324,330,330,336" name="elbowsY"/>
*   <property value="South_1" name="fromPort"/>
*   <property value="North_1" name="toPort"/>
*   <property value="done" name="label"/>
* </pageflow-object>
* <pageflow-object id="return-to:@forward:return-to#again#previousPage#@action:goAgain.do@@">
*   <property value="260" name="x"/>
*   <property value="540" name="y"/>
* </pageflow-object>
* <pageflow-object id="forward:return-to#again#previousPage#@action:goAgain.do@">
*   <property value="484,490,490,496" name="elbowsY"/>
*   <property value="260,260,260,260" name="elbowsX"/>
*   <property value="North_1" name="toPort"/>
*   <property value="South_1" name="fromPort"/>
*   <property value="again" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#convertibles#convertibles.jsp#@action:selectedCar.do#navig
*   <property value="260,260,260,260" name="elbowsX"/>
*   <property value="164,200,200,236" name="elbowsY"/>
*   <property value="South_1" name="fromPort"/>
*   <property value="North_1" name="toPort"/>
*   <property value="convertibles" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#specialty#specialty.jsp#@action:selectedCar.do#navigation.
*   <property value="224,210,210,196" name="elbowsX"/>
*   <property value="112,112,272,272" name="elbowsY"/>
*   <property value="West_1" name="fromPort"/>
*   <property value="East_1" name="toPort"/>
*   <property value="specialty" name="label"/>
* </pageflow-object>
* <pageflow-object id="forward:path#vintage#vintage.jsp#@action:selectedCar.do#navigation.sele
*   <property value="296,300,300,304" name="elbowsX"/>
*   <property value="112,112,272,272" name="elbowsY"/>
*   <property value="East_1" name="fromPort"/>
*   <property value="West_1" name="toPort"/>
*   <property value="vintage" name="label"/>
* </pageflow-object>
* <pageflow-object id="formbeanprop:navigation.selectTagNavigation.SelectTagNavigationControll
* <pageflow-object id="formbean:navigation.selectTagNavigation.SelectTagNavigationController.C
* </view-properties>
* ::
* */
public class SelectTagNavigationController extends PageFlowController
{
    protected global.Global globalApp;

    /**
     * @jpf:action
     * @jpf:forward name="success" path="index.jsp"
     */
    protected Forward begin()
    {
        return new Forward( "success" );
    }

    /**

```

navnavigation.html Sample

```
* @jpf:action
* @jpf:forward name="done" path="/navigation/navigationController.jpf"
*/
public Forward done()
    throws Exception
{
    return new Forward( "done" );
}

/**
* @jpf:action
* @jpf:forward name="again" return-to="previousPage"
*/
public Forward goAgain()
{
    return new Forward( "again" );
}

/**
* @jpf:action
* @jpf:forward name="convertibles" path="convertibles.jsp"
* @jpf:forward name="specialty" path="specialty.jsp"
* @jpf:forward name="vintage" path="vintage.jsp"
*/
public Forward selectedCar(CarForm form)
{
    String selection = form.getSelection();
    if (selection.equals("Convertibles"))
    {
        return new Forward("convertibles");
    }
    else if (selection.equals("Specialty"))
    {
        return new Forward("specialty");
    }
    else
    {
        return new Forward( "vintage" );
    }
}

public static class CarForm extends FormData
{
    private String selection;

    public String getSelection()
    {
        return selection;
    }

    public void setSelection( String selection )
    {
        this.selection = selection;
    }
}
}
```

Specialty.jsp Sample

This topic includes the source code for the Specialty.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/selectTagNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
    <title>
      Specialty Cars Index
    </title>
  </head>
  <netui:base/>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>

    <table width=100% align=left border=0 cellpadding=0>

  <tr>

    <td width=5>&nbsp;</td>

    <td width=296 valign="top">

      <!-- Royalty-free images used in this sample are from Artville,
      Digital Vision, EyeWire, PhotoDisc.
      http://creative.gettyimages.com -->

      <netui:image src="../../resources/images/h2oCars.jpg" width="280" height="187" />

    </td>

    <td valign="top">

      <p><b>Specialty Cars</b></p>

      <blockquote>

        <p>The choices today for specialty cars are fantastic. From no-gas or
        minimal-gasoline alternative-fuel cars, all the way to gas-hungry
        race cars, specialty cars are hitting record sales worldwide...
        [more text...] </p>

        <p>&nbsp;</p>


```

navnavigation.html Sample

[illegible]

Vintage.jsp Sample

This topic includes the source code for the Vintage.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/selectTagNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<html>
  <head>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
    <title>
      Vintage Cars Index
    </title>
  </head>
  <netui:base/>
  <body style="margin:0">
    <jsp:include page="/resources/jsp/header.jsp"/>
    <br/>

    <table width=100% align=left border=0 cellpadding=0>

  <tr>

  <td width=5>&nbsp;</td>

  <td width=296 valign="top">

    <!-- Royalty-free images used in this sample are from Artville,
    Digital Vision, EyeWire, PhotoDisc.
    http://creative.gettyimages.com -->

    <!-- Next tag implements built-in rollover in rendered JSP -->

    <netui:image src="../../resources/images/vintageCars1.jpg" width="213" height="280" />

  </td>

  <td valign="top">

    <p><b>Vintage Cars</b></p>

    <blockquote>

    <p>Vintage cars impress us with their classic lines and a sense of style
      that stands the test of time. Designed by inspired engineers, vintage
      cars remind us of an era when... [more text...] </p>
```

navnavigation.html Sample

```

<p>&nbsp;</p>

<hr width=200 align=left>

<!-- In SelectCarsController.jpf, note how the "goAgain" action
      uses return-to="page". This action returns to the last page
      executed before this page -->

<p><b>Return to Car Selections</b>&nbsp;&nbsp;&nbsp;</p>
<netui:form action="goAgain">
  <netui:button value="More Cars" type="submit"/>
</netui:form>
</p>

<!-- In SelectCarsController.jpf, note how the "done" action
      uses return-action="begin". This action returns to the
      calling page flow and runs its begin() method. -->

<p><netui:anchor action="done">Return to Navigation Samples Home</netui:anchor>

</blockquote>

</td>
</tr>

<tr>
<td width=5>&nbsp;</td>
<td width=296>&nbsp;</td>
<td class="white-text" bgcolor=navy>
&nbsp;  Implementation Notes
</td>
</tr>

<tr>
<td width=5>&nbsp;</td>
<td width=296>&nbsp;</td>
<td class="white-text" bgcolor="#8fc5ff">
<p>See the notes on the Convertibles page.
</p>
</td>
</tr>

</table>
</body>
</html>

```


simpleNavigation Samples

This section contains source code for the following samples.

Samples Included in This Section

Page_A.jsp Sample

Page_B.jsp Sample

SimpleNavigationController.jspf Sample

Page_A.jsp Sample

This topic includes the source code for the Page_A.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/simpleNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<html>
  <head>
    <title>
      page_A.jsp
    </title>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp"/>
    <blockquote>
      <p>
        <h3>This is page_A.jsp</h3>
      <p>
        <netui:anchor action="toPageB">Link to page_B.jsp</netui:anchor>
      </blockquote>
    </body>
  </html>
```

Page_B.jsp Sample

This topic includes the source code for the Page_B.jsp Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/simpleNavigation/

Sample Source Code

```
<!--Generated by Weblogic Workshop-->
<%@ page language="java" contentType="text/html; charset=UTF-8"%>
<%@ taglib uri="netui-tags-databinding.tld" prefix="netui-data"%>
<%@ taglib uri="netui-tags-html.tld" prefix="netui"%>
<%@ taglib uri="netui-tags-template.tld" prefix="netui-template"%>
<html>
  <head>
    <title>
      page_B.jsp
    </title>
    <link href="../../resources/css/style.css" type="text/css" rel="stylesheet"/>
  </head>
  <body>
    <jsp:include page="/resources/jsp/header.jsp"/>
    <blockquote>
      <p>
        <h3>This is page_B.jsp</h3>
      <p>
        <netui:anchor href="../../navigationController.jspf">Back to Navigation Samples</netui:anch
      </blockquote>
    </body>
  </html>
```

SimpleNavigationController.jpf Sample

This topic includes the source code for the SimpleNavigationController.jpf Sample.

Sample Location

This sample is located in the following directory in your WebLogic Workshop installation:

BEA_HOME/weblogic81/samples/workshop/SamplesApp/WebApp/navigation/simpleNavigation/

Sample Source Code

```
package navigation.simpleNavigation;

import com.bea.wlw.netui.pageflow.FormData;
import com.bea.wlw.netui.pageflow.Forward;
import com.bea.wlw.netui.pageflow.PageFlowController;
import javax.servlet.http.HttpServletRequest;

/**
 * @jpf:view-properties view-properties::
 * <!-- This data is auto-generated. Hand-editing this section is not recommended. -->
 * <view-properties>
 * <pageflow-object id="pageflow:/navigation/simpleNavigation/SimpleNavigationController.jpf"/>
 * <pageflow-object id="action:begin.do">
 *   <property name="x" value="60"/>
 *   <property name="y" value="80"/>
 * </pageflow-object>
 * <pageflow-object id="action:toPageB.do">
 *   <property name="x" value="300"/>
 *   <property name="y" value="80"/>
 * </pageflow-object>
 * <pageflow-object id="action-call:@page:page_A.jsp#@action:toPageB.do@">
 *   <property name="elbowsY" value="72,72,72,72"/>
 *   <property name="elbowsX" value="216,240,240,264"/>
 *   <property name="toPort" value="West_1"/>
 *   <property name="fromPort" value="East_1"/>
 * </pageflow-object>
 * <pageflow-object id="page:page_A.jsp">
 *   <property name="x" value="180"/>
 *   <property name="y" value="80"/>
 * </pageflow-object>
 * <pageflow-object id="page:page_B.jsp">
 *   <property name="x" value="420"/>
 *   <property name="y" value="80"/>
 * </pageflow-object>
 * <pageflow-object id="forward:path#success#page_A.jsp#@action:begin.do@">
 *   <property name="elbowsY" value="72,72,72,72"/>
 *   <property name="elbowsX" value="96,120,120,144"/>
 *   <property name="toPort" value="West_1"/>
 *   <property name="fromPort" value="East_1"/>
 *   <property name="label" value="success"/>
 * </pageflow-object>
 * <pageflow-object id="forward:path#success#page_B.jsp#@action:toPageB.do@">
 *   <property name="elbowsY" value="72,72,72,72"/>
 *   <property name="elbowsX" value="336,360,360,384"/>
 *   <property name="toPort" value="West_1"/>

```

navnavigation.html Sample

```
*   <property name="fromPort" value="East_1"/>
*   <property name="label" value="success"/>
* </pageflow-object>
* </view-properties>
* ::
*
*/
public class SimpleNavigationController extends PageFlowController
{

    /**
     * @jpf:action
     * @jpf:forward name="success" path="page_A.jsp"
     */
    protected Forward begin()
    {
        return new Forward( "success" );
    }

    /**
     * @jpf:action
     * @jpf:forward name="success" path="page_B.jsp"
     */
    public Forward toPageB()
    {
        return new Forward( "success" );
    }
}
```