SelectAction Sample

1. Using SelectAction

This simple example shows how to dispatch submit events from an HTTP form to handler methods.

2. Action Class

First, create a subclass of SelectAction:

```
import net.jspcontrols.dialogs.actions.SelectAction;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpServletRequest;
import java.util.Map;
import java.util.HashMap;
import java.io.IOException;

import org.apache.struts.action.ActionForm;
import org.apache.struts.action.ActionMapping;
import org.apache.struts.action.ActionForward;

public class SelectActionTest extends SelectAction {

    // Define mapping from button to method
    protected Map getKeyMethodMap() {
        Map map = new HashMap();
        map.put(getInitKey()+"-ADD", "add");
        map.put(getInitKey()+"-DELETE", "delete");
        return map;
    }

    // Handler of Add button
    public ActionForward add(ActionMapping mapping,
                             ActionForm form,
                             HttpServletRequest request,
                             HttpServletResponse response)
        throws IOException, ServletException {
      System.out.println("--> add");
      return mapping.findForward("addpage");
    }

    // Handler of Delete button
```

```
     public ActionForward delete(ActionMapping mapping,
                                 ActionForm form,
                                 HttpServletRequest request,
                                 HttpServletResponse response)
         throws IOException, ServletException {
     System.out.println("--> delete");
     return mapping.findForward("deletepage");
   }

   // Handler of unknown button, which name does not start with button prefix
   public ActionForward unspecified(ActionMapping mapping,
                                    ActionForm form,
                                    HttpServletRequest request,
                                    HttpServletResponse response)
         throws IOException, ServletException {
     System.out.println("--> unspecified");
     return mapping.findForward("unspecifiedpage");
   }
 }
```

Notice, that `unspecified` is called when request does not contain parameters starting with prefix. If a button with a proper prefix is selected, but action class does not have a handler for this button, then exception is thrown instead of calling `unspecified` method.
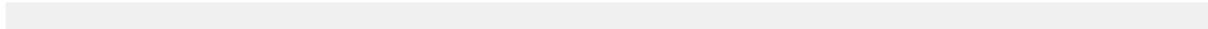
3. Configuration

Here is the action mapping configuration in `struts-config.xml` file:

```xml
<struts-config>
  <form-beans>
    <!-- Struts requires, that a form bean must be defined for each
         action processing POST request. To comply with this rule,
         a dynabean is defined here, but it is not used -->
    <form-bean name="dummyForm" type="org.apache.struts.action.DynaActionForm"/>
  </form-beans>

  <action-mappings>
      <action path="/selectaction"
              type = "acme.SelectActionTest"
              name = "dummyForm">
              <forward name = "addpage" path="/selectadd.html"/>
              <forward name = "deletepage" path="/selectdelete.html"/>
              <forward name = "unspecifiedpage" path="/selectunspecified.html"/>
      </action>
  </action-mappings>
</struts-config>
```

4. Web pages

Starting page, selectinput.html:

SelectAction Sample

```
<html>
  <h2>INPUT</h2>

  <form action="http://localhost:8080/strutsdialog/selectaction.do" method="post">

    <input type="submit" name="DIALOG-EVENT-ADD" value="Add button" /><br><br>
    <input type="submit" name="DIALOG-EVENT-DELETE" value="Delete button fancy captio
    <input type="submit" name="DIALOG-EVENT-unknown" value="No corresponding handler
    <input type="submit" name="some-garbage" value="Does not start with prefix (unspe

  </form>
</html>
```

Page shown when "Add" button selected, selectadd.html:

```
<html>
  <h2>ADD</h2>
</html>
```

Page shown when "Delete" button selected, selectdelete.html:

```
<html>
  <h2>DELETE</h2>
</html>
```

Page shown when unspecified button selected, selectunspecified.html:

```
<html>
  <h2>UNSPECIFIED</h2>
</html>
```

5. Live Demo

SelectAction live demo