Example of Validation Using Struts.

1. Index.jsp

<%@taglib uri=*"http://struts.apache.org/tags-html"* prefix=*"html"* %>

<h1>REGISTERATION FORM</h1>

<html:form action=*"reg"* method=*"post"*>

<table>

<tr>

<td>Id</td>

<td><html:text property=*"id"*/></td>

<td><html:errors property=*"id\_e"*/></td>

</tr>

<tr>

<td>Name</td>

<td><html:text property=*"name"*/></td>

<td><html:errors property=*"name\_e"*/></td>

</tr>

<tr>

<td>Email</td>

<td><html:text property=*"email"*/></td>

<td><html:errors property=*"email\_e"*/></td>

</tr>

<tr>

<td>Address</td>

<td><html:textarea property=*"address"*/></td>

<td><html:errors property=*"address\_e"*/></td>

</tr>

<tr>

<td>DOB</td>

<td><html:text property=*"dob"*/></td>

<td><html:errors property=*"dob\_e"*/></td>

</tr>

<tr>

<td>Gender:</td>

<td><html:radio property=*"gender"* value=*"male"*/>Male</td>

<td><html:errors property=*"gender\_e"*/></td>

</tr>

<tr>

<td></td>

<td><html:radio property=*"gender"* value=*"female"*/>Female</td>

<td></td>

</tr>

<tr>

<td>Hobbies:</td>

<td><html:checkbox property=*"hobbies"* value=*"hobby1"*/>Watching Cricket</td>

<td><html:errors property=*"hobbies\_e"*/></td>

</tr>

<tr>

<td></td>

<td><html:checkbox property=*"hobbies"* value=*"hobby2"*/>Reading Books</td>

<td></td>

</tr>

<tr>

<td></td>

<td><html:submit value=*"regsiter"*/></td>

<td></td>

</tr>

</table>

</html:form>

1. Registeration.java(Form Bean Class)

package benas;

import javax.servlet.http.\*;

import org.apache.struts.action.\*;

public class Employee extends ActionForm {

private int id;

private String name, email, address, gender, dob;

private String[] hobbies;

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public String getGender() {

return gender;

}

public void setGender(String gender) {

this.gender = gender;

}

public String getDob() {

return dob;

}

public void setDob(String dob) {

this.dob = dob;

}

public String[] getHobbies() {

return hobbies;

}

public void setHobbies(String[] hobbies) {

this.hobbies = hobbies;

}

@Override

public ActionErrors validate(ActionMapping mapping, HttpServletRequest request) {

ActionErrors ae= new ActionErrors();

if (id==0)

ae.add("id\_e", new ActionMessage("msg1"));

if (name.equals(""))

ae.add("name\_e", new ActionMessage("msg2"));

if (email.equals(""))

ae.add("email\_e", new ActionMessage("msg3"));

if (address.equals(""))

ae.add("address\_e", new ActionMessage("msg4"));

if (dob.equals(""))

ae.add("dob\_e", new ActionMessage("msg5"));

if (gender.equals(""))

ae.add("gender\_e", new ActionMessage("msg6"));

if (hobbies.length<1)

ae.add("hobby\_e", new ActionMessage("msg7"));

return ae;

}

}

1. Web.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://xmlns.jcp.org/xml/ns/javaee"* xsi:schemaLocation=*"http://xmlns.jcp.org/xml/ns/javaee http://xmlns.jcp.org/xml/ns/javaee/web-app\_3\_1.xsd"* id=*"WebApp\_ID"* version=*"3.1"*>

<display-name>Registeration</display-name>

<welcome-file-list>

<welcome-file>index.jsp</welcome-file>

</welcome-file-list>

<servlet>

<servlet-name>action</servlet-name>

<servlet-class>org.apache.struts.action.ActionServlet</servlet-class>

<init-param>

<param-name>config</param-name>

<param-value>/WEB-INF/struts-config.xml</param-value>

</init-param>

<load-on-startup>1</load-on-startup>

</servlet>

<servlet-mapping>

<servlet-name>action</servlet-name>

<url-pattern>\*.do</url-pattern>

</servlet-mapping>

</web-app>

1. struts-config.xml

<?xml version=*"1.0"* encoding=*"ISO-8859-1"* ?>

<!DOCTYPE struts-config PUBLIC

"-//Apache Software Foundation//DTD Struts Configuration 1.1//EN"

"http://jakarta.apache.org/struts/dtds/struts-config\_1\_1.dtd">

<struts-config>

<form-beans>

<form-bean name=*"EMP"* type=*"benas.Employee"*/>

</form-beans>

<global-forwards>

</global-forwards>

<action-mappings>

<action path=*"/reg"* name=*"EMP"* input=*"/index.jsp"*>

</action>

</action-mappings>

<message-resources parameter=*"benas/Messages"*/>

</struts-config>