

## Login.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<%@taglib uri="http://struts.apache.org/tags-html" prefix="html" %>
<%@taglib uri="http://struts.apache.org/tags-bean" prefix="bean" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html:html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title> <bean:message key="titulo.login"/></title>
<html:base/>
<link rel="stylesheet" type="text/css" href="css/estilo.css" />
</head>
<body>
    <div id="contenedor">
        <h2> <bean:message key="titulo.login"/> </h2>
        <div id="errores"> <html:errors /></div>
        <div id="imagen"><html:img srcKey="login.imagen" altKey="login.imagen.alt"/></div>
        <div id="contenido">
            <html:form action="loginAction" focus="nombre" styleId="formulario" method="post">
                <div class="campo"><bean:message key="login.nombre"/><html:text property="nombre"/></div>
                <div class="campo"><bean:message key="login.apellidos"/><html:text property="apellidos"/></div>
                <div class="campo"><bean:message key="login.clave" /><html:password property="clave" maxLength="8" size="8"/></div>
                <div class="campo"><bean:message key="login.claveConfirmacion" /><html:password property="claveConfirmacion" maxLength="8" size="8"/></div>
                <html:submit styleClass="boton" value="enviar"/>
                <html:cancel styleClass="boton" value="cancelar"/>
            </html:form>
        </div>
        <div id="pie">
            <p> </p>
        </div>
    </div>
</body>
</html>
```



```
<action-mappings>
    <action input="/login.jsp" name="FormularioForm"
        path="/loginAction" scope="request"
        ....
    </action-mapping>
```

## AccionLogin.java

```
package com.myapp.struts;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import org.apache.struts.action.ActionForm;
import org.apache.struts.action.ActionForward;
import org.apache.struts.action.ActionMapping;

public class AccionLogin extends org.apache.struts.action.Action {

    private String resultado;
    // creación del método execute
    public ActionForward execute ( ActionMapping mapping, ActionForm form ,HttpServletRequest request, HttpServletResponse
        response ) throws Exception
    {
        //si el usuario pulsa el botón de cancelado
        if ( this.isCancelled(request) )
        {
            //como tenemos en el método execute el objeto ActionMapping podemos mandar a un reenvio del struts-config
            return mapping.findForward("cancelada");
        }
        else
        {
            //creamos un objeto formularioForm
            FormularioForm formularioform = (FormularioForm) form;
            return mapping.findForward("satisfactoria");
        }
    }
}
```

## FormularioForm.java

```
package com.myapp.struts;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import org.apache.struts.action.ActionErrors;
```

```
import org.apache.struts.action.ActionMapping;
```

```
import org.apache.struts.action.ActionMessage;
```

```
public class FormularioForm extends org.apache.struts.action.ActionForm {
```

```
    private String nombre;
```

```
    private String apellidos;
```

```
    private String clave;
```

```
    private String claveConfirmacion;
```

```
    //métodos getters y setters del formulario
```

```
    public String getNombre() {
```

```
        return nombre;
```

```
    }
```

```
    public void setNombre(String nombre) {
```

```
        this.nombre = nombre;
```

```
    }
```

```
    public String getApellidos() {
```

```
        return apellidos;
```

```
    }
```

```
    public void setApellidos(String apellidos) {
```

```
        this.apellidos = apellidos;
```

```
    }
```

```
    public String getClave() {
```

```
        return clave;
```

```
    }
```

```
    public void setClave(String clave) {
```

```
        this.clave = clave;
```

```
    }
```

```
    public String getClaveConfirmacion() {
```

```
        return claveConfirmacion;
```

```
    }
```

```
    public void setClaveConfirmacion(String claveConfirmacion) {
```

```
        this.claveConfirmacion = claveConfirmacion;
```

```
    }
```

```
        <action-mappings>
```

```
            <action input="/login.jsp" name="FormularioForm" path="/loginAction" scope="request"
```

```
                                type="com.myapp.struts.AccionLogin" validate="true">
```

```
                <set-property property="cancellable" value="true" />
```

```
                <exception key="errors.cancel" type="org.apache.struts.action.InvalidCancelException"
```

```
                                path="/login.do"/>
```

```
                <forward name="cancelada" path="/cancelada.jsp" />
```

```
                <forward name="satisfactoria" path="/Correcto.jsp"/>
```

```
            </action>
```

```
        </action-mappings>
```

@Override

public ActionErrors validate ( ActionMapping mapping, HttpServletRequest request )

{

//creamos un nuevo objeto ActionErrors

ActionErrors errores = new ActionErrors();

if ( nombre == null || nombre.length() == 0 ) { errores.add("nombre", new ActionMessage("error.login.nombre")); }

if ( apellidos == null || apellidos.length() == 0 ) { errores.add("apellidos", new ActionMessage("error.login.apellidos")); }

if ( clave == null || clave.length() == 0 ) { errores.add("clave", new ActionMessage("error.login.clave")); }

if ( claveConfirmacion == null || claveConfirmacion.length() == 0 ) { errores.add("claveConfirmacion", new ActionMessage("error.login.claveConfirmacion")); }

if ( !clave.equals(claveConfirmacion) ) {

    errores.add("confirmacion", new ActionMessage("error.login2"));

}

    return errores;

}

public void reset ()

{

    this.nombre = null;

    this.apellidos = null;

    this.claveConfirmacion = null;

    this.clave = null;

}

}

## MessageResources\_es\_ES.properties

errors.header=<UL>  
errors.prefix=<LI>  
errors.suffix=</LI>  
errors.footer=</UL>  
errors.imagen = imagenes/flecha\_derecha.png;

### #claves para login

titulo.login=Registro usuario  
login.nombre = nombre  
login.apellidos = apellidos  
login.claveConfirmacion=confirmación de password  
login.clave=password  
login.imagen.alt= icono usuario  
login.imagen = imagenes/usuario.png;

### #claves de error

error.login.nombre = falta el campo nombre  
error.login.apellidos = falta el campo apellidos  
error.login.clave = falta el campo clave  
error.login.claveConfirmacion = falta el campo claveconfirmacion  
error.login2 = repite la clave

### #claves para satisfactoria

satisfactoria.titulo = Resgistro correcto  
satisfactoria.imagen = imagenes/correcto.png  
satisfactoria.imagen.alt = imagen correcto  
satisfactoria.mensaje = Te has registrado correctamente

### #claves para cancelada

cancelada.titulo = Registro cancelado  
cancelada.mensaje = No te has registrado en el sistema  
cancelada.imagen.alt = imagen cancelado  
cancelada.imagen = imagenes/cancelado.png  
cancelada.login = Cancelación

### #claves para welcome

welcome.title=Holamundo Struts  
welcome.heading=Bienvenida!  
welcome.message=Holamundo Struts

## struts-config.xml

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

<!DOCTYPE struts-config PUBLIC "-//Apache Software Foundation//DTD Struts Configuration 1.3//EN" "http://jakarta.apache.org/struts/dtds/struts-config_1_3.dtd">

<struts-config>
  <form-beans>
    <form-bean name="FormularioForm" type="com.myapp.struts.FormularioForm"/>
  </form-beans>

  <global-forwards>
    <forward name="welcome" path="/Welcome.do"/>
  </global-forwards>

  <action-mappings>
    <action input="/login.jsp" name="FormularioForm" path="/loginAction" scope="request" type="com.myapp.struts.AccionLogin" validate="true">
      <set-property property="cancellable" value="true" />
      <exception key="errors.cancel" type="org.apache.struts.action.InvalidCancelException" path="/login.do"/>
      <forward name="cancelada" path="/cancelada.jsp" />
      <forward name="satisfactoria" path="/Correcto.jsp"/>
    </action>
  </action-mappings>

  <controller processorClass="org.apache.struts.tiles.TilesRequestProcessor"/>

  <message-resources parameter="com/myapp/struts/MessageResources"/>

  <plug-in className="org.apache.struts.tiles.TilesPlugin" >
    <set-property property="definitions-config" value="/WEB-INF/tiles-defs.xml" />
    <set-property property="moduleAware" value="true" />
  </plug-in>

  <!-- ===== Validator plugin ===== -->
  <plug-in className="org.apache.struts.validator.ValidatorPlugIn">
    <set-property
      property="pathnames"
      value="/WEB-INF/validator-rules.xml,/WEB-INF/validation.xml"/>
  </plug-in>

</struts-config>
```

## Web.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app version="3.0" xmlns="http://java.sun.com/xml/ns/javaee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app_3_0.xsd">
  <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>
    <init-param>
      <param-name>debug</param-name>
      <param-value>2</param-value>
    </init-param>
    <init-param>
      <param-name>detail</param-name>
      <param-value>2</param-value>
    </init-param>
    <load-on-startup>2</load-on-startup>
  </servlet>
  <servlet-mapping>
    <servlet-name>action</servlet-name>
    <url-pattern>*.do</url-pattern>
  </servlet-mapping>
  <session-config>
    <session-timeout>
      30
    </session-timeout>
  </session-config>
  <welcome-file-list>
    <welcome-file>login.jsp</welcome-file>
  </welcome-file-list>
</web-app>
```

## Correcto.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<%@taglib uri="http://struts.apache.org/tags-bean" prefix="bean" %>
<%@taglib uri="http://struts.apache.org/tags-html" prefix="html" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html:html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title> <bean:message key="satisfactoria.titulo"/> </title>
<html:base/>
<link rel="stylesheet" type="text/css" href="css/estilo.css" />
</head>
<body>
<div id="contenedor">
    <h2> <bean:message key="satisfactoria.titulo"/> </h2>
    <div id="imagen">
        <html:img srcKey="satisfactoria.imagen" titleKey="satisfactoria.imagen.alt"/>
    </div>
    <div id="mensaje">
        <bean:message key="satisfactoria.mensaje"/>
        <div class="campo">
            <bean:write name="FormularioForm" property="nombre"/>
        </div>
    </div>
    <div id="pie">
        <p> DAWES.JoseCabrera</p>
    </div>
</div>
</body>
</html:html>
```



## Cancelado.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<%@taglib uri="http://struts.apache.org/tags-bean" prefix="bean" %>
<%@taglib uri="http://struts.apache.org/tags-html" prefix="html" %>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html:html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title> <bean:message key="cancelada.titulo"/> </title>
<html:base/>
<link rel="stylesheet" type="text/css" href="css/estilo.css" />
</head>
<body>
    <div id="contenedor">
        <h2> <bean:message key="cancelada.login"/> </h2>
        <div id="imagen">
            <html:img srcKey="cancelada.imagen" titleKey="cancelada.imagen.alt"/>
        </div>
        <div id="mensaje">
            <bean:message key="cancelada.mensaje"/>
            <div class="campo">
                <html:link page="/login.jsp" > Volver al formulario login
            </html:link>
        </div>
    </div>
    <div id="pie">
        <p> DAWES.JoseCabrera </p>
    </div>
</body>
</html:html>
```

## Estilo.css

```
#contenedor {  
width:600px;  
margin-left:auto;  
margin-right:auto;  
}  
.campo {  
margin-top:10px;  
}  
#imagen {  
float:right;  
}  
.boton {  
margin: 10px 5px;  
background-color:#554444;  
color:#fff;  
width:100px;  
}
```

```
#formulario {  
margin-top:60px;  
font-size:16px;  
}
```

```
#errores {  
background-color:#e6dfd5;  
color:#424c56;  
}
```

```
#errores ul li {  
list-style-image:url("../imagenes/flecha_derecha.png");  
}  
#errores ul {  
border-color:#f00;  
}  
h2 {  
text-align:center;  
}
```

```
#pie {  
clear:both;  
height:30px;  
background-color:#424c56;  
}
```

```
#pie p { text-align:right;  
font-size:14px;  
background-color:#e6dfd5;  
}
```