ValidatorForm

When a user submits a request it instantiates the beans class and stores the related information inside beans user setter methods. But if user submits without giving all parameters required to be given in the registration form the server is called every time to store the parameters inside the bean.

Every time the user submits a request if validations has occurred then only the validated data will be stored in the bean. If user goes on submitting the form without entering the valid data into the form, server is called each time to store the data into the bean object for eg if a user submits a form 20 times without giving a valid data then server will be called 20 times to do the job storing html forms data into bean object. This leads a huge traffic problem in a real time scenario. These approach must be avoided. To reduce the network traffic between browser and server we apply JavaScript validations in our index.jsp page which will automatically be generated by struts framework. We need to use the struts html tag called <html:javascript> tag which will generate the JavaScript which will do all the validation on the front end without calling the server each time for validating the data and thus reducing the traffic.

<html:form action=”reg” onsubmit=”return validateRF(this);”>

<html:javascript formName=”RF”/>

<!—Html codes here-->

<html:form>

Types of Controller Class Offered by Struts

1. Action Class
2. DispatcherAction Class
3. LookupDispatchAction Class
4. MappingDispatchAction Class
5. EventDispatchAction Class

Internationalization Support:

It is also called I18N support. It supports total 200 languages. By using this feature we change our input and output form language. If user submits a form then requestprocessor() method will store the user language in session scope. After the user submits the form and he tries to change the browser language the language is not changed as at first time user form submit browser saves the user language in session scope which later can’t be changed by the user even if he changes the browser language. If we want give support for 10 language to our application then we have to create the 10 properties file with each file having the required translation in the specific language which can have a common key which will be read by the server to provide the I18N support. We have to follow the internationalization standards for all these languages i.e. the properties file should have a same name along with that we have to provide the some extension to the properties file which is language’s first two characters.

For Example if we need to give the support for English Hindi and Telugu Language then we need to have the following properties files:

1. I18N\_en.properties file: for English users
2. I18N\_hi.properties File: for Hindi Users
3. I18N\_te.properties file: for Telugu users

In above example we have three properties file with common name the an underscore followed by language extensions ne for English, hi for Hindi and te for telugu which are ISO standards for the language support.

To provide the I18N Support we need to use the resource bundle class provided under the struts lib files

To build a web application we need following files

I18N

Index.jsp

I18N\_en.properties

I18N\_hi.properties

I18N\_te.properties

Form Beans- ActionForm

Note:

1. Was doing a sample project will complete it tomorrow
2. Solved issue with yesterday’s issues as I was not able to run the project yesterday