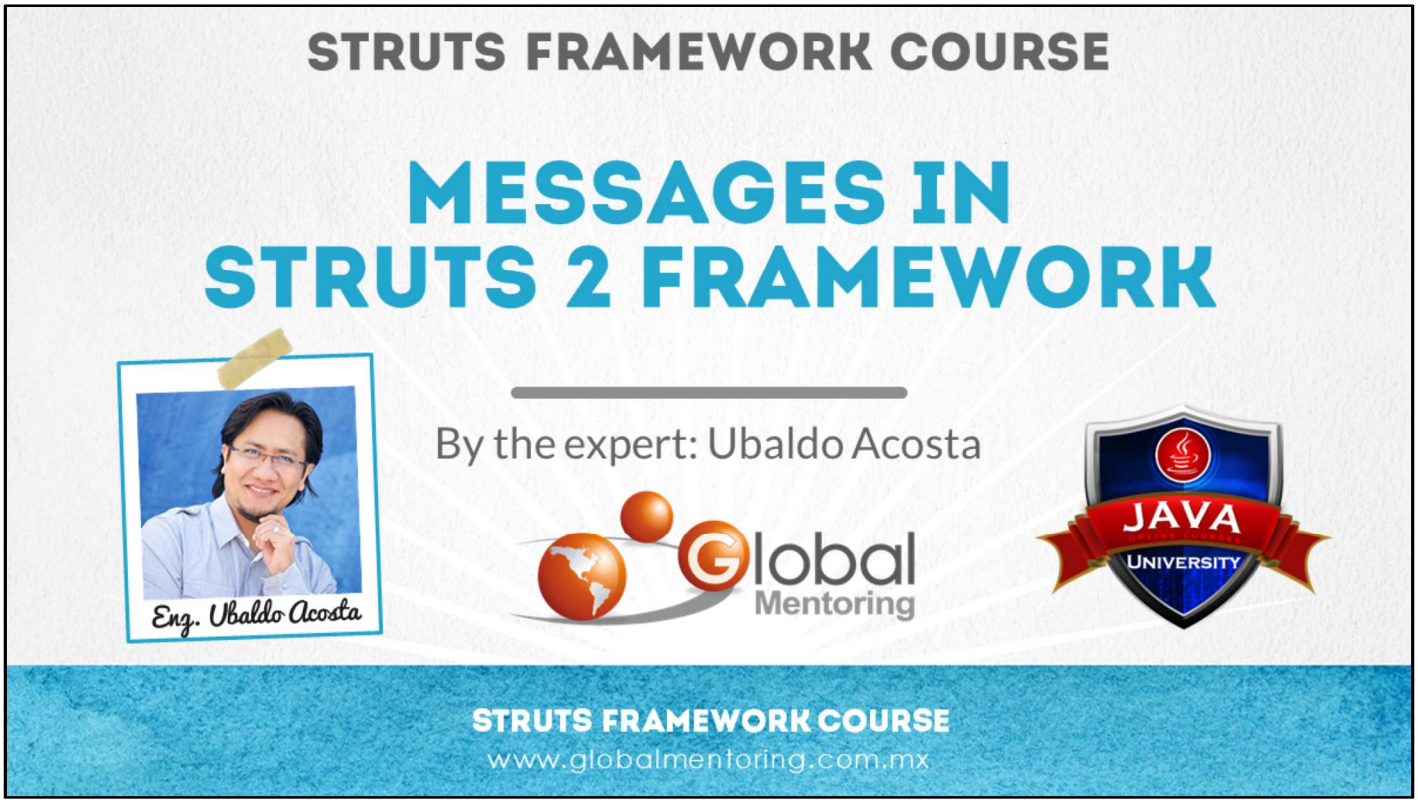

Hello, Ubaldo Acosta greets you again.

In this lesson we are going to study the topic of Messages in Struts 2.

Are you ready? Come on!

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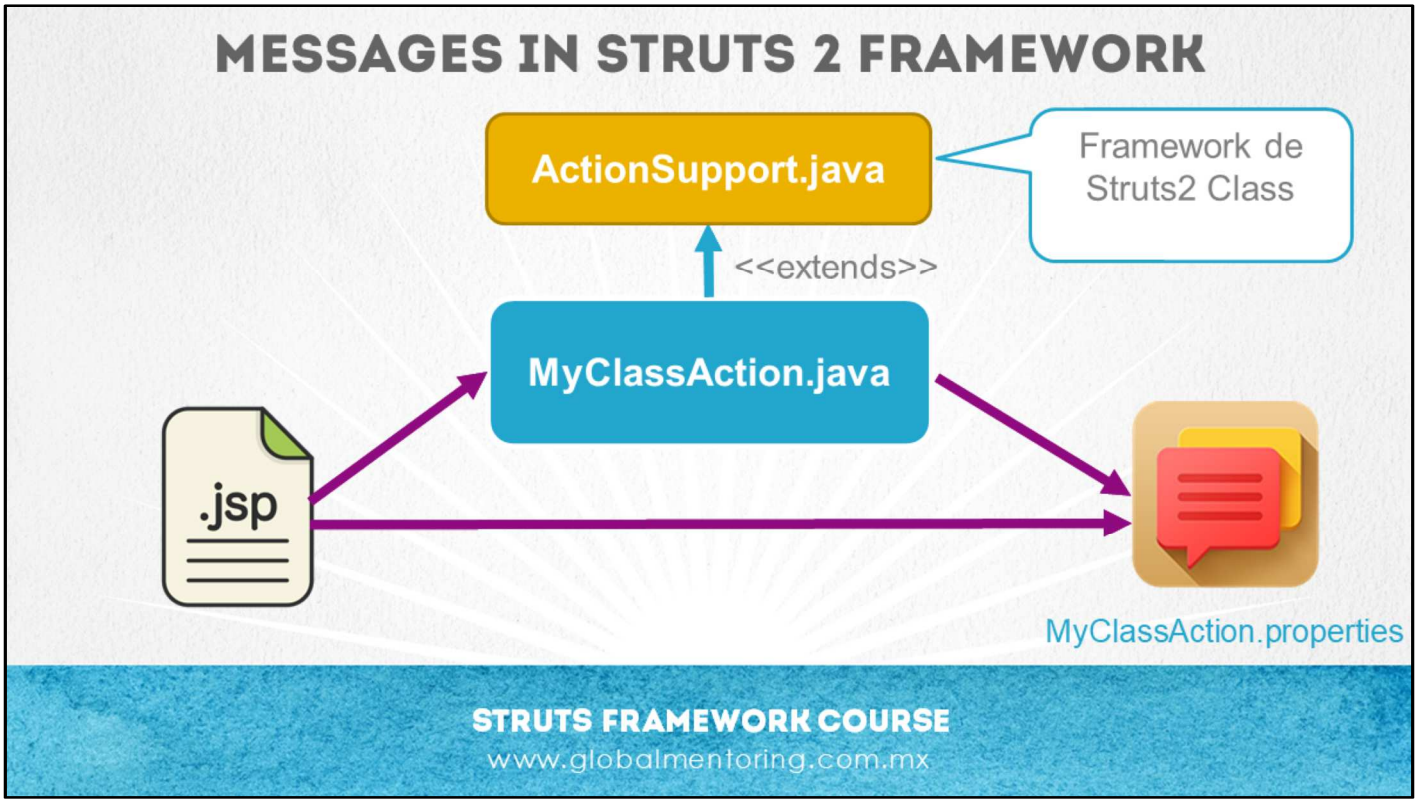

In this lesson we will study the topic of Messages in Struts 2. The handling of messages in Struts 2 allows us to separate the text that is going to be used in the JSP pages and therefore we can even handle different languages in our application thanks to the separation of the messages or text that we use in our JSPs.

One of the most important functions of the messages is that they can be accessed either from a JSP or also from the Action classes.

First of all we will define a property file, in which if we want to use the concept of Struts conventions, it should be called the same as the Action type class and thus the properties file can be accessed automatically from the Action type class of Struts.

Now, once we have configured the properties file, we can add messages or labels to be used in our JSP or view, in the following way:

name = value

And so we can add all message names and values for each of these messages or labels that we will use in our view or JSPs.

Once we have defined our properties file, our class of type Action must extend from the ActionSupport class, and although you can implement another interface to execute the same task, the best and simplest thing is that it extends from the ActionSupport class of the Struts framework 2, since we will get more features at one time, instead of implementing separate interfaces.

Once we have done extends the ActionSupport class, we have access to the getText (String) method. This method allows us to access any of the names that we have defined in the properties file and it will return the value of the same.

Eg. getText ("name"); // This will return the value of the property called name in the properties file.

Now, if we want to access these messages from our JSP we have several options. Let's see how to do it next.

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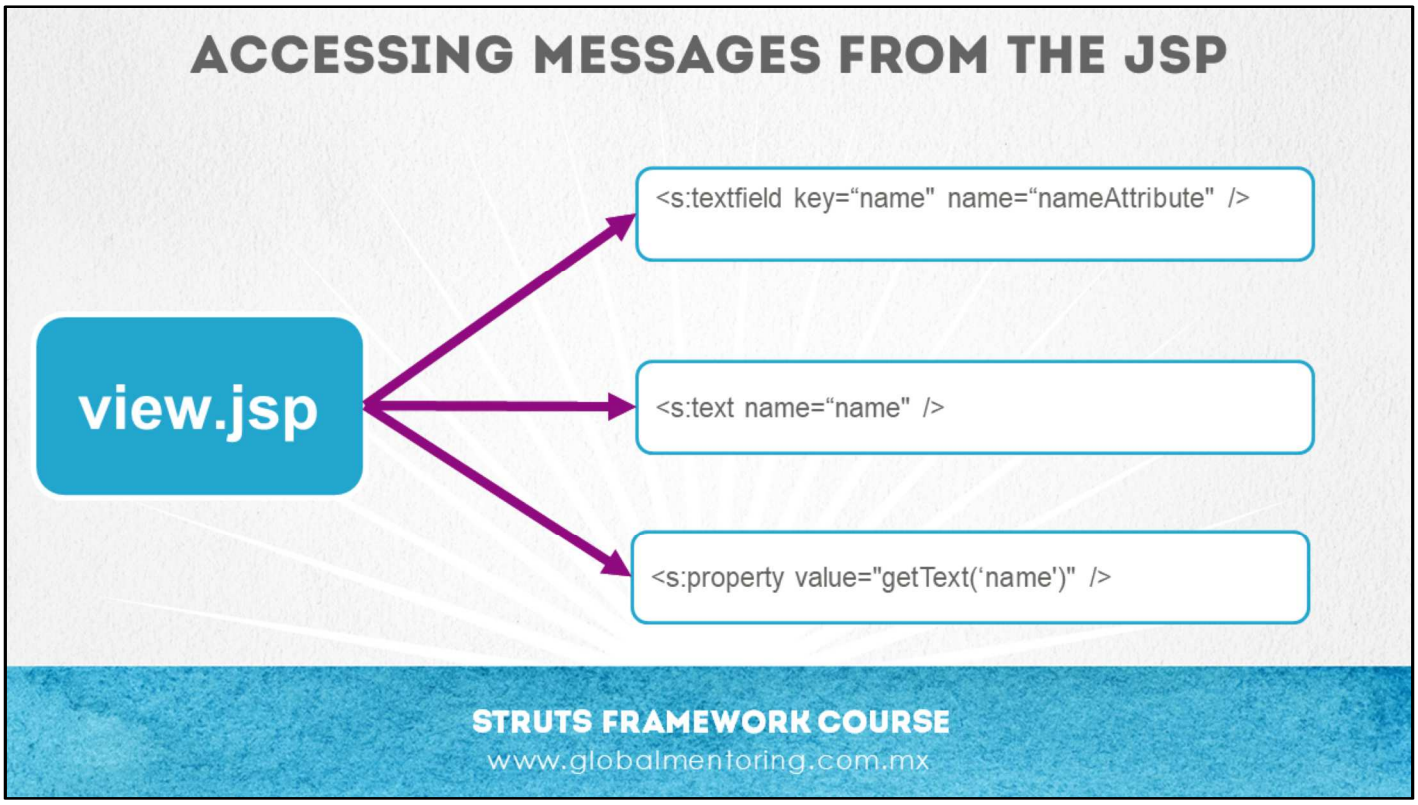

When we want to access the properties or values of the messages that we have defined in our properties file from a JSP we have several options, depending on the component that we are using.

For example:

In the following cases, "name" is the property that we access, and it will return the value defined in the properties file when finding this property.

<s:textfield key="name" name="nameAttribute" />

<s:text name="name" />

<s:property value="getText ('name')" />

It is also possible to access the messages through the Action class, through defined get methods and at the same time this get method accesses the value of the property through the getText() method as mentioned before, however, this implies generate more code, so we will only use it to see an example, however later we will directly access the values of the properties directly from the JSP to the properties file, without going through the Action class.

Let's see some examples of how to use the messages in Struts 2 Framework.

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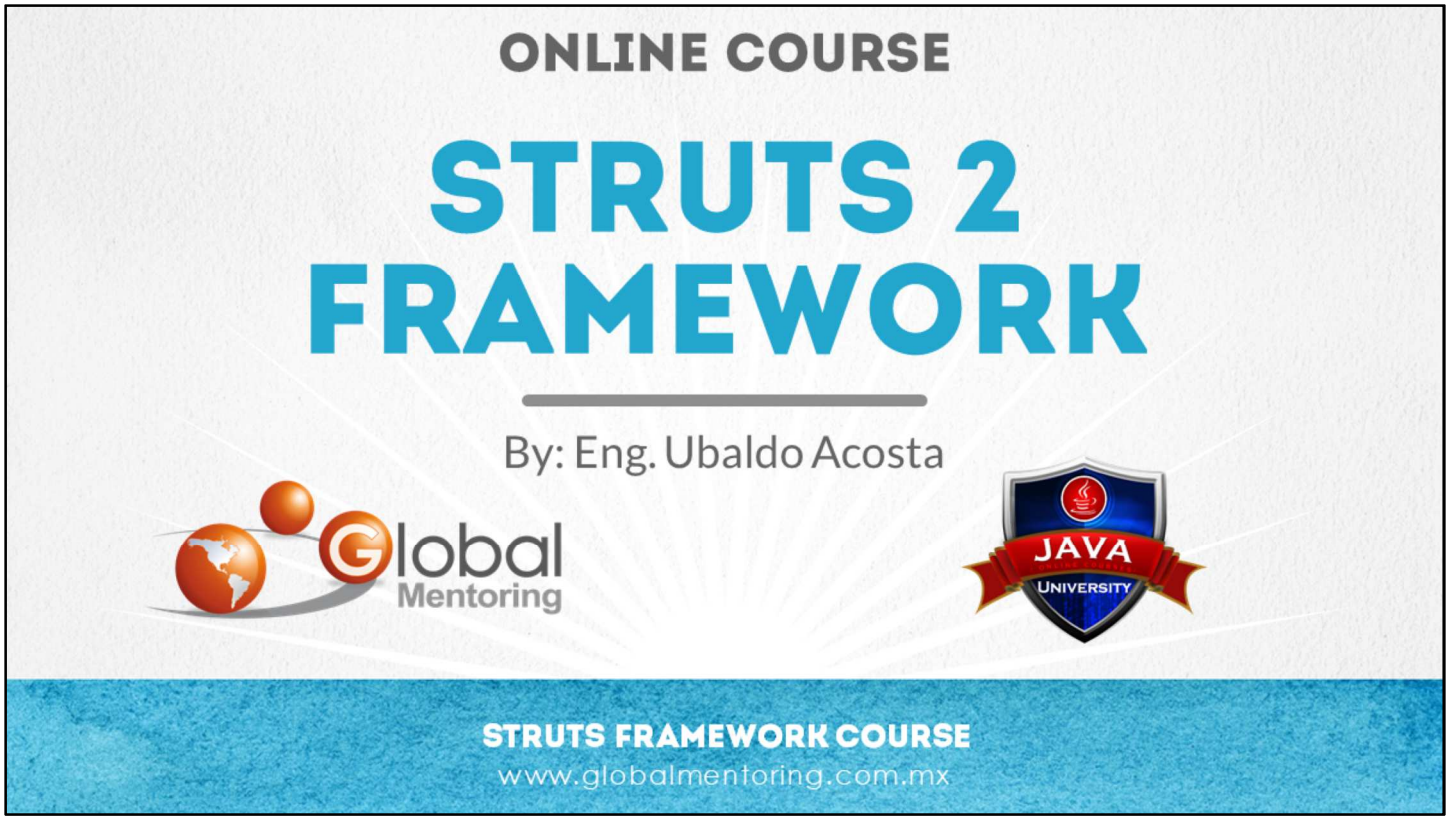

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