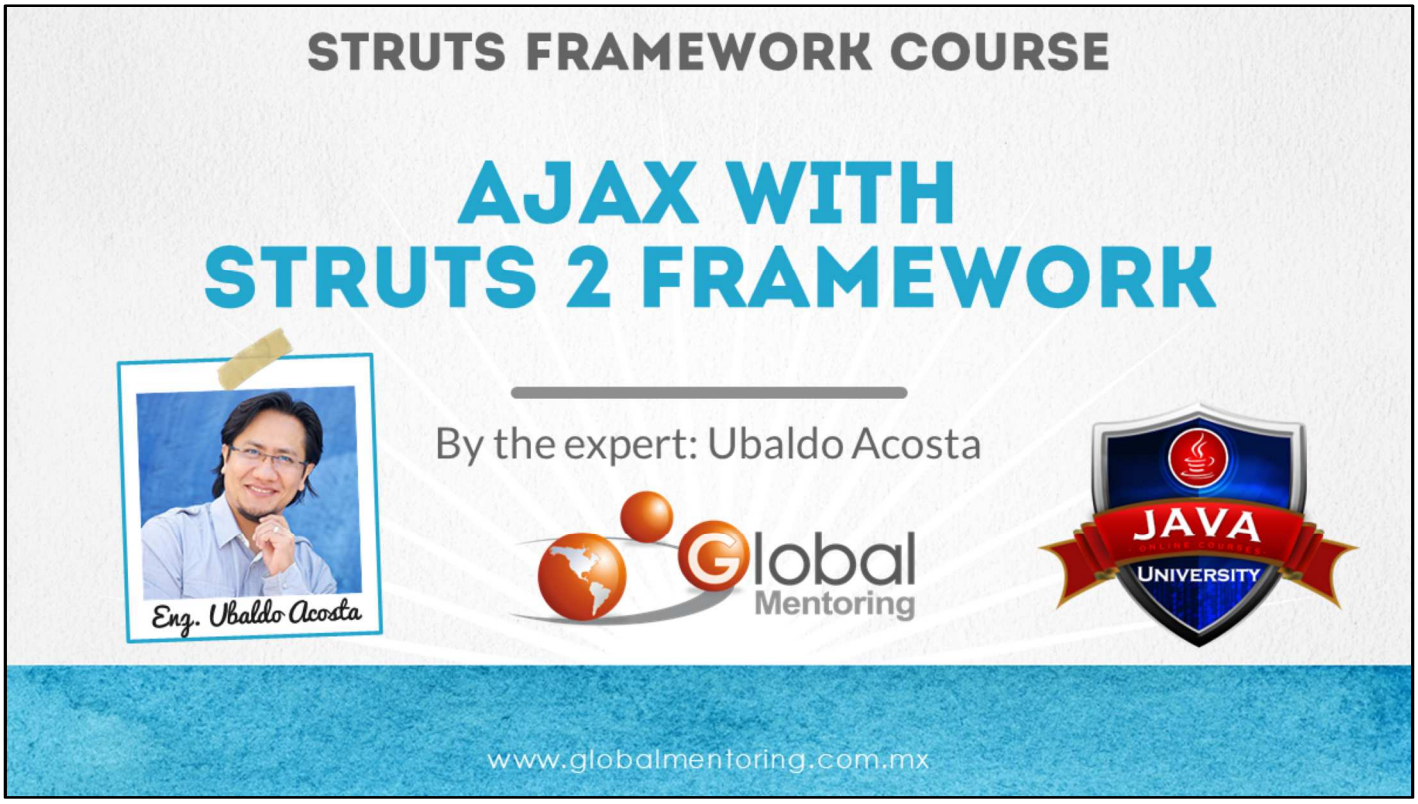
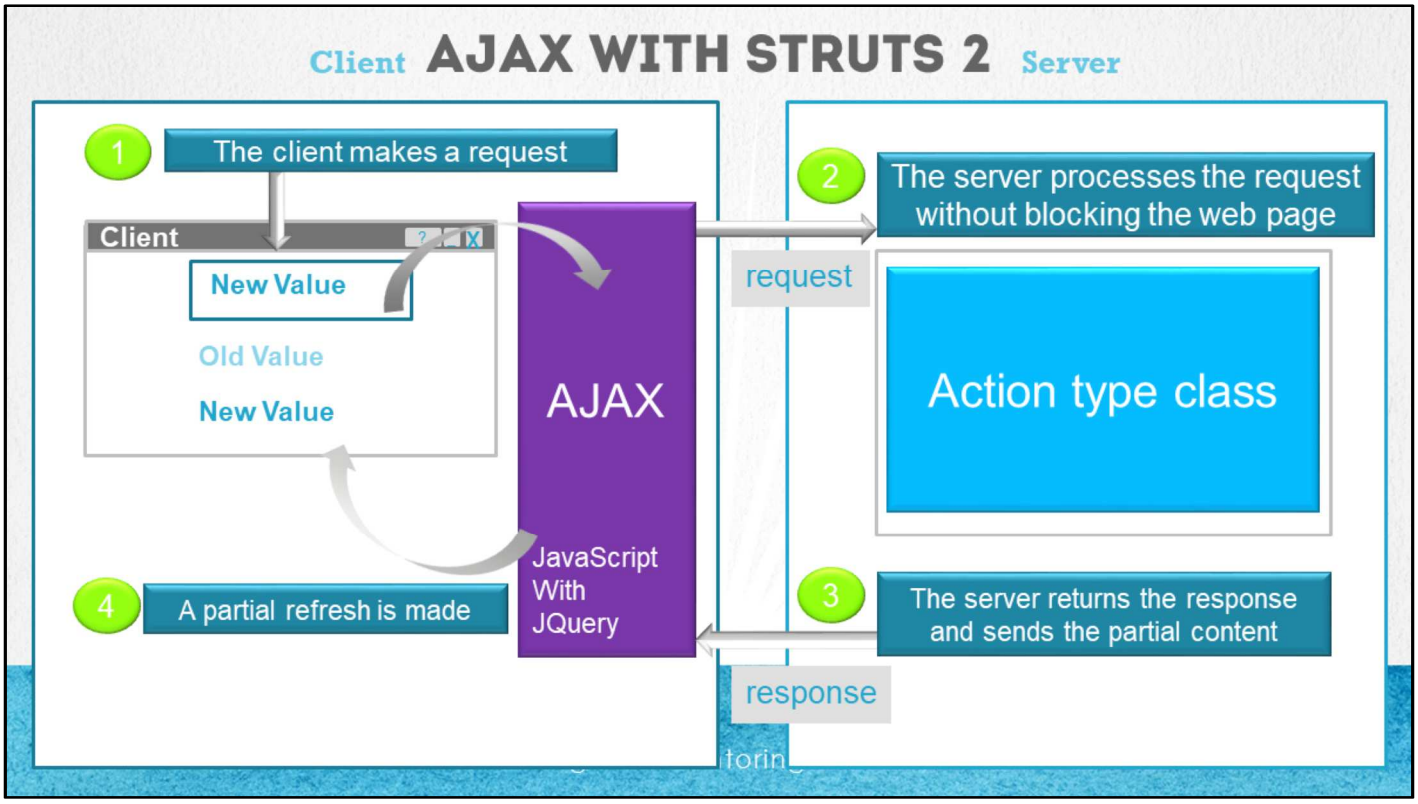


Hello, Ubaldo Acosta greets you again.

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

Are you ready? Come on!

© All rights reserved Global Mentoring



In this lesson we will see the issue of handling AJAX in Struts 2. AJAX is not a technology, but a set of technologies that allow us to improve the usability of our Web applications. AJAX is the acronym for Asynchronous JavaScript and XML.

A classic Web application uses a client server interaction synchronously, this means that before each user action, it is necessary to wait for the Web server to finish processing said request and until then we can observe the HTML response by the server.

AJAX allows us to improve this behavior, adding the concept of asynchronous requests. This means that before a request from the user, it is not necessary to wait for the server to finish processing the request to continue working. On the other hand, the server receives the request, processes it and at the end returns a response to the client, however the Web page never stopped during this process and the client was able to perform other tasks.

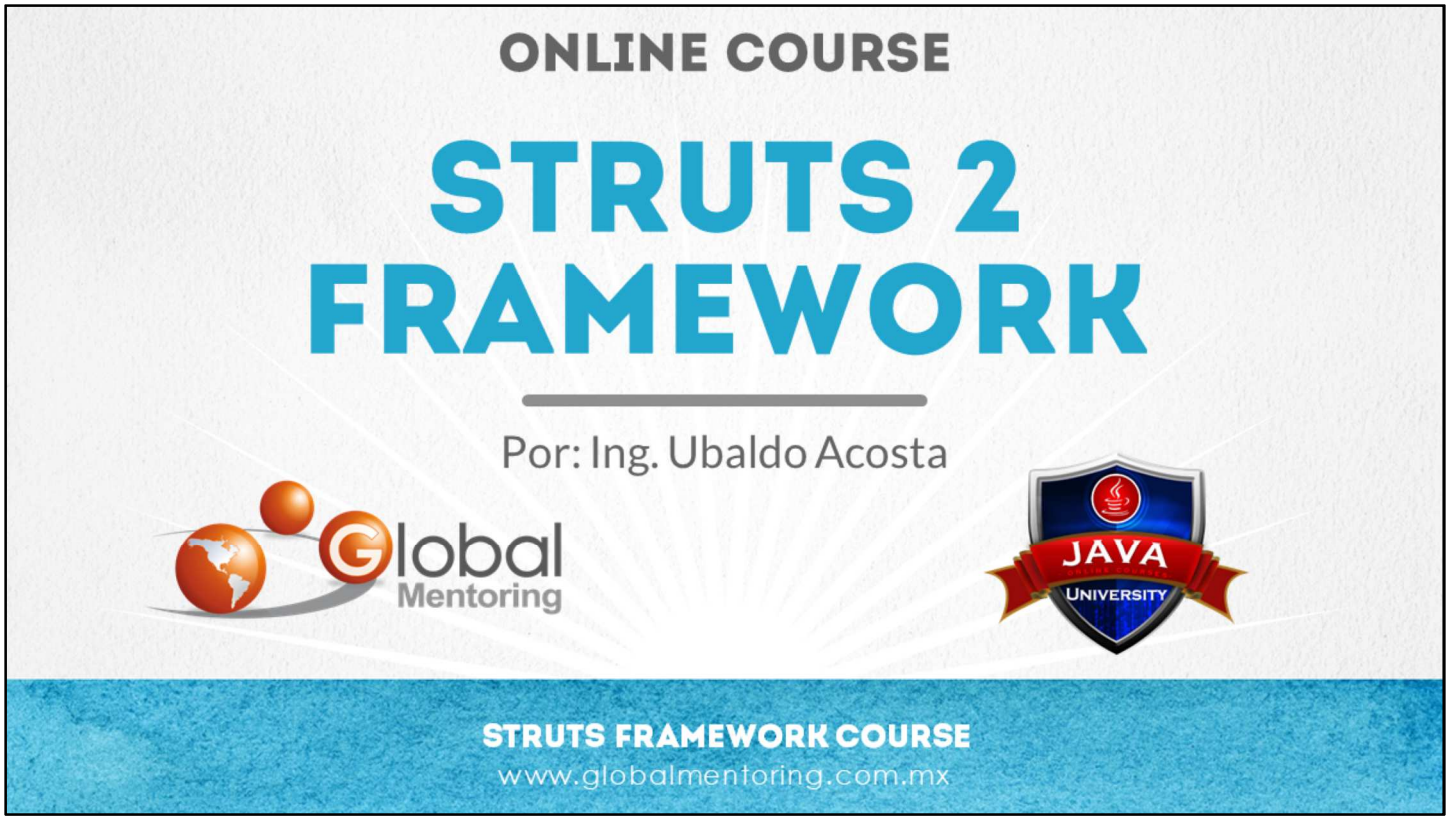
A common example of AJAX processing is when creating an email in gmail. On the one hand we can attach a file (asynchronous request) and on the other hand we can continue writing our email. When the process of attaching the file is completed, we will be able to complete the sending of the email. This is just one example of all the improvements we can add to our Web interfaces by applying the concept of asynchronous requests with AJAX.

Another advantage of using AJAX is that we obtain partial refresh, because we can update only the elements of the Web page that we are interested in. With Struts 2 it is possible to add AJAX in a very simple way to our Web applications. In the exercise that we will do next we will use the jquery and Struts 2 plug-in to be able to add the features of asynchronous requests with AJAX to our Web application.

For more information about this technology, you can check the following link:

http://struts.jgeppert.com/struts2-jquery-showcase/index.action

© All rights reserved Global Mentoring



© All rights reserved Global Mentoring