

JAVASERVER FACES COURSE

LIFE CYCLE IN JSF



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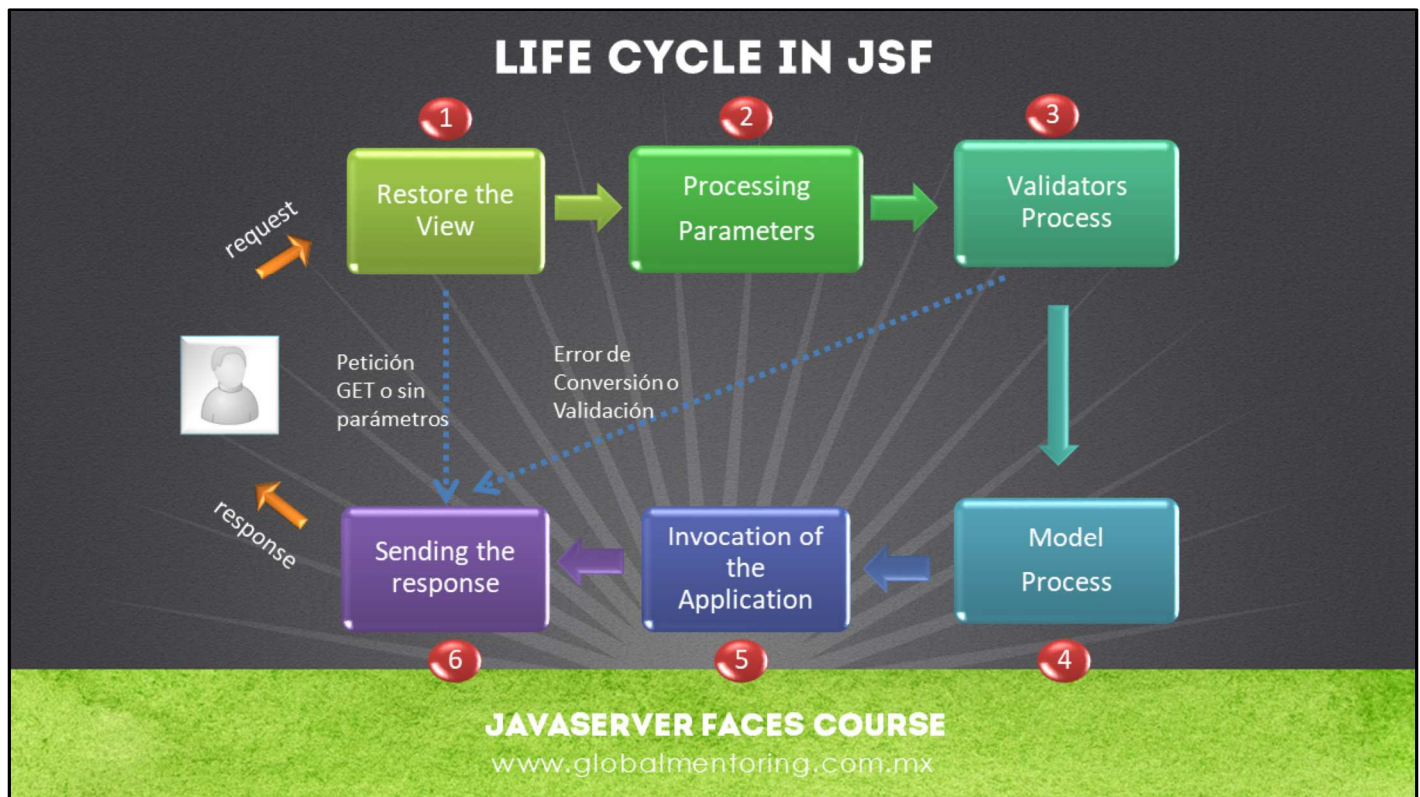
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Hello, Ubaldo Acosta greets you again. I hope you're ready to start with this lesson ..

We are going to study the topic of Life Cycle in JavaServer Faces.

Are you ready? Come on!



The JSF specification defines 6 phases for the processing of an HTTP request.

1. Restore or create the View: Gets the component tree, where the JSF tags are converted into Java components.
2. Process parameters: The parameters sent are mapped with the corresponding Java components.
3. Processing of validations and conversions: If any validation fails, the state of the Java component is marked as invalid, and it is passed to state 6.
4. Updating the model values: The values of the Java components (validated and converted) are put into the Model objects using the setters methods.
5. Invocation of the application: The action methods are executed in the Managed Beans. **The ActionListener methods are called before the Action methods.**
6. Sending the response: The response to the client that made the request is generated.

It is possible to create classes for debugging the phases step by step. To do this, the `javax.faces.application.PhaseListener` interface must be implemented and must be registered in the `faces-config.xml` file.

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