**JavaServer Faces (JSF)**

* **Introduction:**

JavaServer Faces (**JSF**) is a Java specification for building component-based user interfaces for web applications. It was formalized as a standard through the Java Community Process and is part of the Java Platform, Enterprise Edition. (Wikipedia)

<https://en.wikipedia.org/wiki/JavaServer_Faces>

* **How it works**

Based on a component-driven UI design-model, JavaServer Faces uses XML files called view templates or Facelets views. The FacesServlet processes requests, loads the appropriate view template, builds a component tree, processes events, and renders the response (typically in the HTML language) to the client. The state of UI components and other objects of scope interest is saved at the end of each request in a process called stateSaving (note: transient true), and restored upon next creation of that view. Either the client or the server side can save objects and states. (Wikipedia)

* **JavaServer Faces Technology**

Developed through the Java Community Process under JSR - 314, JavaServer Faces technology establishes the standard for building server-side user interfaces. With the contributions of the expert group, the JavaServer Faces APIs are being designed so that they can be leveraged by tools that will make web application development even easier. Several respected tools vendors were members of the JSR-314 expert group, which developed the JavaServer Faces 1.0 specification. These vendors are committed to supporting the JavaServer Faces technology in their tools, thus promoting the adoption of the JavaServer Faces technology standard.

<http://www.oracle.com/technetwork/java/javaee/javaserverfaces-139869.html>

* **Documentation**

[JavaServer Faces Technology Tutorial](http://www.oracle.com/technetwork/java/javaee/documentation/index-137726.html)(Oracle)

<http://www.oracle.com/technetwork/java/javaee/documentation/index-137726.html>

JavaServer Faces (JSF) Tutorial (Tutorials Point)

<https://www.tutorialspoint.com/jsf/>