



Spring MVC Framework Course Syllabus

Course Description:

The course covers the main features of Spring MVC which is a web framework built on the principles of Spring Framework and provides a Model-View-Controller implementation for web-applications with clear separation of roles and powerful and straightforward configurations.

Prerequisite Course(s):

- Web Fundamentals & HTML
- Java Programming
- Advanced Java Programming
- XML & Java API for XML Processing
- Developing Web Applications using Servlets & JSP
- Advanced Servlets & JSP.

Learning Objectives:

- To learn Spring Framework main features (IoC, AOP, DI, etc...)
- To get familiar with the main components of Spring MVC framework (Controllers, Handler Mappings, View Resolvers and Views).
- To learn the request lifecycle in Spring MVC framework.
- To learn how to generate dynamic views.
- To learn how to apply data binding, validation and errors displaying.

Course Outline:

- Overview of Spring Framework.
- Spring MVC Framework.
- Spring MVC Components.
- Handler Mappings.
- Controllers.
- View Resolvers.
- Views.