Spring Framework

About This Course

Spring is the most popular application development framework for enterprise Java. Spring framework is an open source Java platform. It was initially written by Rod Johnson and was first released under the Apache 2.0 license in June 2003.

Topics covered in this course include:

Chapter 1: Loose Coupling and its Benefits

- Interfaces and its uses
- Loose coupling

Chapter 2: Spring Framework Overview

- Introduction to Spring
- Installation, First application

Chapter 3: Spring Container and Dependency Injection

- Spring Container types
- Working of Spring container, Dependency Injection by Constructor, Injecting string-based values

Chapter 4: Bean Implementation

- Introduction and Scope
- creating source file, Implement Collections, Implement Java Based Configuration

Chapter 5: Aspect Oriented Programming

- Spring AOP
- Implement Aspect Oriented Programming

Chapter 6: Spring Data Access and Transaction Management

- Spring JDBC
- JDBC Template , Spring Transaction

Chapter 7: Develop Web Application using Spring

- Spring Web MVC Overview , Advanced MVC Features
- Development of Spring Web Application