

Spring Framework and Spring Boot Training Topics:

1. Why conventional web application is complex?
2. How Spring helps to reduce traditional Java based application complexities.
3. Application server vs Spring framework tools
4. History of Spring Framework and Spring boot
5. Introducing IoC and DI in Spring
6. Setting up Spring development setup and project
7. Spring beans and annotations
8. Spring Configuration in Detail and Spring Boot
9. Deploying and running Spring application
10. Introducing Spring AOP
11. Spring JDBC Support
12. Using Hibernate in Spring
13. Data Access in Spring with JPA2
14. Transaction Management
15. Validation with Type Conversion and Formatting
16. Task Scheduling
17. Spring Testing
18. Application Monitoring
19. Web Applications
20. Spring security
21. Deploying Spring boot as microservices
22. Integrating WebSocket and Message queue in Spring boot