

J2EE Struts Hibernate Framework



JEE is a framework that defines the standard for developing multi-tier enterprise applications. It simplifies enterprise applications by basing them on standardized, modular components, and it provides a complete set of services to those components. Introduction to Object/relational mapping framework for enabling transparent POJO persistence and build persistent objects using common OO programming concepts. Allows developers focus on domain object modelling not the persistence plumbing. Sophisticated query facilities. Struts2 is popular and mature web application framework based on the MVC design pattern. Struts2 is not just the next version of Struts 1, but it is a complete rewrite of the Struts architecture.

Course Objective

Learning how to build enterprise application using state-of-the-art technology of Java EE

Prerequisite

Understanding of Java SE

Topics:

1. Introduction to JAVA Technology
2. Object-Oriented-Programming Concepts
3. Introduction to Java EE
4. JDBC API
5. Introduction to Hibernate
6. Mapping Class
7. Hibernate Query Language (HQL)
8. Criteria query
9. Persistence Lifecycle

10. Optimistic Locking/Versioning
11. Relationships
12. Inheritance Mapping.
13. HTML
14. JAVA EE Web Application & its Working
15. Java Servlet technology
16. Session Management
17. Servlet Listeners
18. Servlet Filter
19. Getting Started with JSP
20. Using JSTL
21. Introduction to Struts2 Framework
22. Struts2 actions
23. Interceptors
24. Data transfer: OGNL and type Conversion
25. Building a View: tags
26. Result in detail
27. UI component tags
28. Validation framework
29. Internationalization
30. Tiles and Struts

All students will be issued with a Certificate of Completion and are eligible to attend an online exam to get COC (Certificate of Conformity).

HP certificates are recognized by top companies in India and across the world, a passport to land your dream job.

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