

Struts & Hibernate

Struts

Java is a leading programming language since it is launched in 1995 for developing web based applications, web services & desktop applications. Java's durability roots from its object oriented programming methodology, platform compatibility and enduring frameworks & libraries that enables and encourages the developer to build a highly scalable application.

APPYFI offers a remarkable wide array of [Java training in Chennai](#) which includes **Struts training** in depth covering the usage, implementation & benefits of using struts. Struts being a powerful & popular framework for developing Java web application, trainees will learn how this power framework when used along with the Model-View-Controller (MVC) design pattern can create magical & scalable data driven web applications.

By end of the training students will have

- Enormous knowledge on mechanics of Struts framework
- Understanding of MVC design pattern
- How MVC design pattern is best applied to develop Java web application

Students will also learn how to follow and prepare a perfect Struts architecture process to build/develop their own web applications.

Prerequisites : Students willing to undergo **Struts training in Chennai** program are expected to have prior knowledge on Java with Servlets & JSP.

Syllabus for Struts Training in Chennai @ APPYFI:

Why Struts 2, Introduction To Struts Framework

Struts 1.x vs Struts 2.x Main Differences

Struts Execution Flow Diagram, How Struts Works

Configuring Struts2

Struts 2 Store User Input Details In Separate Java Bean

How To Use Resource Bundle In Struts2

Programmatic Validations With Resource Bundle In Struts2

Aware Interfaces of struts 2

Example on Application Aware Interface of struts 2

Example on Struts 2 Session Aware Interface

XML Validations In Struts2 With Examples

Struts2 Validation Rules and Their Syntax

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How To Apply Multiple Validations On Same Field In Struts 2
Struts2 XML Validations Example, Declarative Validations In Struts
Struts 2 date time picker Example
Struts 2 Tabbed panel Example
Using Struts 2 Auto completer With Example
Struts 2 Iterator Tag Example
Working With Struts 2 Interceptor(s) With Example
Working With Struts 2 Tiles, Struts 2 Tiles Example
Struts 2 File Upload & Save Example
Struts2 Insert, Update, Delete, Operations Through JDBC [Real Time Application]
Struts2 Custom Interceptor Example, Struts2 Interceptors

APPYFI is rated as the best **Struts Training Institute in Chennai** offering quality training program with well-equipped infrastructure & lab facility. Trainers are from leading MNCs having more than a decade of experience in Java & Struts. In fact, they are more friendly & interactive so you can get all your clarification cleared before you step out of the class.

Recommended by Students as **No 1 Struts Framework Training Institute in Chennai!**

Do not wait anymore! Call Us @ **+91 4357 8888** to know more about Struts Training.

Hibernate

Hibernate – the relation mapping framework has taken Java to undreamed high level in the past few years. Before knowing more about Hibernate, you need to know that persistence layer is a demanding feature used by any enterprise application to store, manipulate & retrieve the data from database. So the motto of using Hibernate comes here. Yes, Hibernate helps you to eliminate the space between the object oriented programming and relational database model that sits in the persistence layer.

So Hibernate enable the developer to explore the power of natural Java to access the persistence layer without referring to too many SQLs in the code. Hibernate helps us in integrating with database using Java code itself, thereby reducing the time consumption & expense spend on changing the underlying database schema.

Our intensive & practical oriented **Hibernate training in Chennai** will definitely provide the delegates with knowledge necessary to develop Java applications that rely on Hibernate for persistence solution.

About the Trainers:

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Our Trainers are from leading MNCs with more than a decade of real-time experience in IT industry. With the trainers rich subject knowledge & Clarity in delivering the Hibernate Training, APPYFI guarantees you 100% satisfactory training programme.

Pre-Requisite for Trainees:

- Confidence in writing Java syntax
- Ability to write classes, knowledge on Exceptions and general Object orientation

If you do not have hands-on on the above then you should undergo [Java Training in Chennai](#) at APPYFI for better understanding of Hibernate in detail.

Course Syllabus for Hibernate:

- What is Hibernate – Hibernate Introduction
- Mapping And Configuration Files In Hibernate
- Main Advantage And Disadvantages Of Hibernates
- Example On Hibernate Select Query
- Example On Hibernate Delete Query
- Example On Hibernate Update Query
- Hibernate Versioning Example, Hibernate Versioning Of Objects
- Importance Of Wrapper And Primitive Types In Hibernate
- Hibernate Lifecycle Of pojo Class Objects
- Hibernate Converting Object From Detached to Persistent state
- Inheritance Mapping In Hibernate – Introduction
- Hibernate Inheritance: Table Per Class Hierarchy
- Hibernate Inheritance: Table Per subClass Hierarchy
- Hibernate Inheritance: Table Per Concrete Class Hierarchy
- Example On Composite Primary Keys In Hibernate
- Composite Primary Key In Hibernate With Select Query
- Generators <generator> In Hibernate
- Hibernate Query Language
- Criteria Query, Hibernate Criteria Query Introduction
- Hibernate Native SQL Query Example
- Hibernate Named Query
- Hibernate Mapping
- Joins In Hibernate
- Hibernate Caching Mechanism, Hibernate Cache
- Hibernate Annotations

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