

Java Hibernate 3.0 & Spring 2.5

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Course Description

This course introduces the Spring Framework, the leading full-stack framework for Java EE applications. Topics covered include the Spring container, dependency injection, data validation, aspect-oriented programming, the JDBC Template, and the Hibernate Template. A Web application is also presented to illustrate the use of the Spring Web MVC design pattern.

The purpose of this course is to provide in depth knowledge of Hibernate to the Trainees. This course introduces Hibernate, a popular open-source object/relational mapping (ORM) tool that helps Java developer's store and access persistent objects. Topics covered include Hibernate configuration, the Hibernate mapping file, inheritance, collections, associations, and the Hibernate Query Language (HQL).

Who Should Attend

This course combines several courses, the descriptions for who should attend are listed below: This course is for Java developers and architects who wish to explore a popular, open-source alternative to traditional Java EE programming. This course is for Java developers creating or maintaining applications that use a relational database and Java SE or Java EE, Java developers and architects investigating ORM alternatives

Course Duration (40 Hours)

- **Regular Track** : 5 Weeks (2 Hours/Day)
- **Weekend Track** : 5 Weekends (4 Hours/Day)

Kits Include

- Pre-course technical evaluation
- Training Material (E-Books)
- Certificate of Excellence from CODEC Networks

Post Training Program (CODEC Networks Specialty)

- Live Project Work
- Hand-over Labs & Practical's Checklist for review
- Placement Assistance **
- Discount Vouchers up to 15 - 25% for further training

Modules Covered

- Introduction to Hibernate
- Creating persisting classes
- Mapping Inheritance with java classes
- Working with collections
- Using persistent objects
- Scalar queries and hibernate query language
- Hibernate caching
- Hibernate transactions and locking
- Hibernate and eclipse
- What is spring?
- Basic bean wiring
- Advising beans
- Hitting the database
- Building contract-first web services in spring
- Spring and enterprise java beans
- Handling web requests