

HIBERNATE SYLLABUS

Hi Folks,

Oranium Tech introducing some amazing content on Hibernate. The Hibernate Training Program at Oranium Tech helps you to master the Hibernate Framework and its key concepts under the training of Expert Guidance. By the end of the Hibernate Training in Chennai at Oranium Tech, you will get acquainted with Hibernate Query Language to optimize the data access and modularize the functions of the Aspect-Oriented Programming and also know how to reduce the development time to build high-level performance applications in real-time.

1)Introduction to Hibernate

- Hibernate Architecture & Configuration
- Hibernate Support for Other Technologies
- Installing Hibernate
- A "Hello world" stand alone application
- Servlet–Based Hibernate application

2)Creating persisting classes

- Mapping a basic Java Class, Class with Binary Data, Serializable Class, Class with Data/ calendar attributes, Read-only class, Class using Versioning /Timestamps

3)Mapping Inheritance with java classes

- Table-Per – class, subclass , concrete-subclass Hierarchy Mapping
- Persistence interfaces

4)Working with collections

- Associations
- Lazy initialization
- Mapping Sets/Sorted Sets, Lists, Arrays, Bidirectional Association

5)Using persistent objects

- Persisting Objects
- Loading Data into an Object
- Updating and finding Objects

6)Scalar queries and hibernate query language

- Queries, Named Queries, SQL Queries
- Hibernate Queries language

7)Hibernate caching

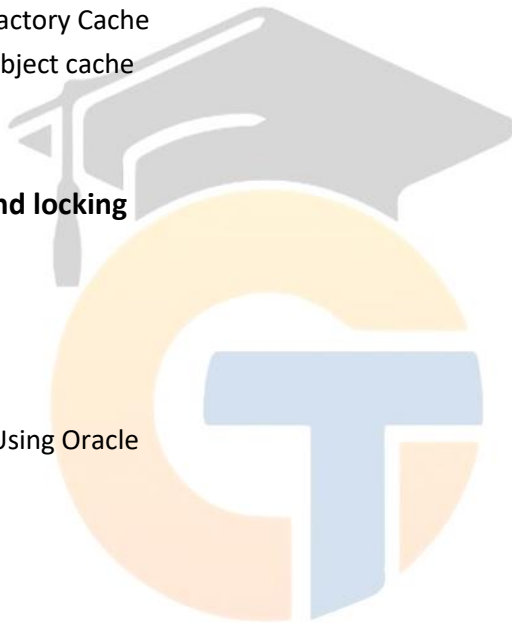
- Setting Up a Session Factory Cache
- Using the persistent Object cache
- Setting Up EHcache

8)Hibernate transactions and locking

- Configuration
- Database support
- Using Transactions
- The Transactions API
- Transaction Example Using Oracle
- Locking

9)Hibernate and eclipse

- Hibernate
- Hiberclipse
- Hibernate synchronizer



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All The Best

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