

Hibernate Online Training Content:

1. **Object/Relational Persistence**

- What is persistence
- The paradigm mismatch
- persistence alternatives
- Object Relational Mapping(ORM)

2. **Introduction and setting up of Hibernate**

- Hibernate Configuration
- Setting up of Sample project

3. **Mapping persistence class**

- Entity's and value types
- Mapping collections and entity associations
- Mapping parent and children relationships

4. **Inheritance**

- Table per concrete class
- Table per class hierarchy
- Table per subclass
- Choosing inheritance strategy

5. **Working with objects**

- The persistence lifecycle
- Object identity and equality
- Managing the persistence context(Session)

6. **Transactions and concurrency**

- Database and system transactions
- Transactions in Hibernate application

7. **Querying**

- Querying with HQL
 - Querying with Criteria
 - Querying with native SQL
 - Filtering collections
8. Optimizing fetching and caching
 9. Sample project using Hibernate, Struts/JSF