

JBoss Hibernate Technology

JB297



Duration: 3 days

Overview

The JBoss® Hibernate® Technology (JB297) 3-day course provides Java™ developers the knowledge and skills required to leverage the powerful Java Hibernate Application Stack. Through clear interactive lectures and hands-on labs, students are introduced to Hibernate essentials and internals along with its practical applications and best practices strategies. By the end of the course, students will have learned the best practices to leverage Hibernate to produce and maintain well-designed, robust business applications while optimizing performance and reducing software maintenance costs.

Pre-Requisites

- ✓ Experience with Java Platform, Enterprise Edition (Java EE) or Java 2 Platform, Enterprise Edition (J2EE™)
- ✓ A high-level understanding of enterprise software systems development
- ✓ An understanding of legacy systems integration

Objectives

- ✓ Core application programming interfaces for Hibernate (Session, Transaction, Query, EntityManager, SessionFactory, Annotations)
- ✓ Hibernate Search, Validation, Shards, and Tools technologies
- ✓ Mapping inheritance and polymorphic relationships
- ✓ Hibernate HQL, Criteria, and JDBC/SQL queries
- ✓ Hibernate Tools integrated development environment (IDE)
- ✓ Best practices and patterns for Hibernate developers
- ✓ Hibernate deployment, configuration, and performance tuning

Target Audience

Enterprise systems architects, Experienced Java developers who work with SQL-based database systems, Business component and database developers and database administrators who need to understand how ORM may affect performance and how to tune the performance of the SQL database management system and persistence layer.

Certification

This course prepares you for these credentials:

- ✓ Boss Certified Developer in Persistence — JBCD-Persistence

Follow on Courses

- ✓ JB311, JBoss Seam Application Development