



JVA-000 Java Persistence with Hibernate

Module 0
Introduction

Working Materials

- Workbook
- Practical guide
- Operating environment on PC

Objectives

Attendees will learn:

- What is ORM and what the purpose of it
- What Java Persistence API and how to use it for persistence layer construction

Objectives

Attendees will be able:

- Map domain objects to relational database using JPA annotations
- Use JPA for persisting the entities (find, persist, merge and remove)
- Develop the Java application with persistence layer constructed upon the JPA

Requirements

Attendees need to know:

- OOP concepts
- Java programming language
- SQL

Attendees should have an experience in application development on Java platform

Introduce your self

Your name

Your experience in:

- Developing applications on Java SE/EE
- Developing applications using Hibernate or other ORM framework on Java platform

Your expectation from this training

Plan

Day 1	Forenoon	Module 1: Introduction Module 2: Entity
	Afternoon	Module 2: Entity
Day 2	Forenoon	Module 3: Entity Manager Module 4: Packaging
	Afternoon	Module 5: Transaction Management Module 6: JPQL and Criteria API
Day 3	Forenoon	Module 7: Hibernate JPA Performance Tips Module 8: Integration with Spring Framework Practice: Blog Application Development
	Afternoon	Practice: Blog Application Development

Regulations

- Start and finish time
- Breaks
- Lunch

Recommendations

- Please turn off your cell phones
- Please stick the point while asking questions
- In the case of off-topic questions, please write them down; trainer will be happy to answer them later