Hibernate for Java

CODICE	**DT0066**
DURATA	**3 gg**
PREZZO	**1.250,00 €**
EXAM	

DESCRIZIONE

Il corso "Hibernate for Java" si rivolge a tutti i capi progetto, gli architetti Software, analisti e sviluppatori con una buona conoscenza del linguaggio Java e dei Database relazionali, interessati allo sviluppo di applicazioni basate sul framework Hibernate.

TARGET

Sviluppatori Java

PREREQUISTI

Conoscenza di Java core

CONTENUTI

Introduction to Hibernate

- Introducing Hibernate
- The Object/Relational Mapping Problem
- JDBC
- The Users-Roles Schema
- Tools and Environment Setup
- Creating the Database

Configuring Hibernate

- Hibernate Distributions
- Required Libraries
- Configuration Files
- hibernate.properties
- hibernate.cfg.xml

Hibernate Persistence

- The Hibernate Architecture
- SessionFactory Methods
- Hibernate Sessions
- Object States
- State Transitions
- Session Methods
- Transactions
- Session-Per-Operation
- Session-Per-Request
- The Data Access Object Pattern

Object/Relational Mapping

- Object-Oriented Design
- Relational Mapping
- Bidirectional Association
- O/R Mapping Techniques
- The Mapping Document
- The Mapping XML Model
- Primary Keys and Identity
- Generating Identifiers
- Other Mapping Elements
- Components
- Mapping Associations
- The Mapping XML Model for Associations
- Unidirectional Many-to-One
- Eager Fetching
- Bidirectional One-To-Many
- Bidirectional One-To-One
- Mapping Inheritance
- Inheritance and Databases
- Single-Table Inheritance
- Mapping Single-Table Inheritance
- Table-Per-Subclass
- Table-Per-Subclass Mapping
- Table-Per-Concrete-Class

The Hibernate Query Language

- The Hibernate Query Language
- Fundamentals

- HQL Queries
- Polymorphism
- Named Parameters
- Entity Parameters
- Joining on Associations
- Aggregate Methods
- Updates and Deletes
- Named Queries
- Using Native SQL