

Add instructor notes here.

Course Goals and Non Goals



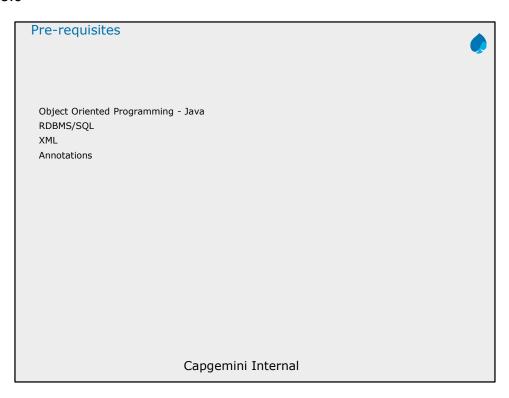
Course Goals

- Understanding Object Relation Mapping
- Learning JPA API
- Associations and Mapping
- JPQL

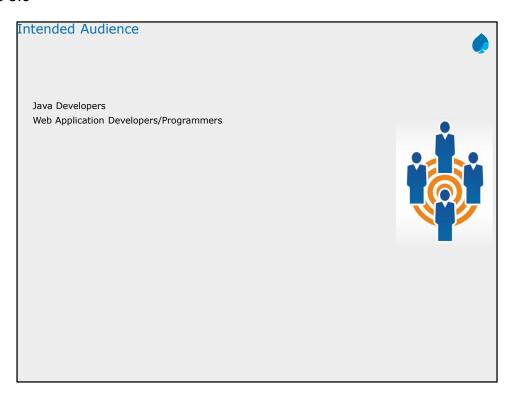
Course Non Goals

JPA integration with existing frameworks like spring or struts

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Day 1 [Online] Lesson 1: Introduction to ORM and its need Lesson 2: The Persistence Life Cycle Lesson 3: Java persistence API (JPA) Day 2 Lesson 4: Transactions in JPA Lesson 5: JPA queries (JPQL) Lesson 6: Association and Mapping Capgemini Internal

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Table of Contents



Lesson 1: Introduction to ORM and its need

- Persistence and its need
- Object/Relation Mapping
- Object-relational Impedance Mismatch
- ORM and its need
- JPA and its benefits

Lesson 2: The Persistence Life Cycle

- Introduction
- Life Cycle

Lesson 3: Java Persistence API

- Java Persistence API
- Working with JPA

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Lesson 4: Transactions in JPA • What is Transaction • Types of Transactions • Working with Transactions Lesson 5: JPA Queries • JPQL • Working with JPA Queries Lesson 6: Association and Mapping • Associations • Inheritance Capgemini Internal

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Reference URLs: http://docs.oracle.com/javaee/7/api/javax/persistence http://www.objectdb.com/java/jpa/

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