



## Oracle ODI Training Course Content

Detailed course content for Oracle ODI Training.

### **1. Introduction to Oracle Data Integrator**

- What is Oracle Data Integrator?
- Why Oracle Data Integrator?
- Overview of ODI 11g Architecture
- Overview of ODI 11g Components
- About Graphical Modules
- Types of ODI Agents
- Overview of Oracle Data Integrator Repositories

### **2. Administrating ODI Repositories and Agents**

- Administrating the ODI Repositories
- Creating Repository Storage Spaces
- Creating and Connecting to the Master Repository
- Creating and Connecting to the Work Repository
- Managing ODI Agents
- Creating a Physical Agent
- Launching a Listener, Scheduler and Web Agent
- Example of Load Balancing

### **3. ODI Topology Concepts**

- Overview of ODI Topology
- About Data Servers and Physical Schemas
- Defining the Physical Architecture
- Defining the Logical Architecture
- Mapping Logical and Physical Resources
- Defining Agents
- Defining a Topology
- Planning the Topology

### **4. Describing the Physical and Logical Architecture**

- Overview of Topology Navigator
- Creating Physical Architecture
- Creating a Data Server
- Testing a Data Server Connection
- Creating a Physical Schema
- Creating Logical Architecture
- Overview of Logical Architecture and Context Views
- Linking the Logical and Physical Architecture

## **5. Setting up a New ODI Project**

- Overview of ODI Projects
- Creating a New Project
- Using Folders
- Organizing Projects and Folders
- Understanding Knowledge ModulesExchanging ODI Objects
- Exporting and Importing Objects
- Using Markers

## **6. ODI Model Concepts**

- What is a Model?
- Understanding Metadata in ODI
- Understanding Reverse Engineering
- Creating Models
- Organizing Models
- Creating Data stores
- Using Constraints in ODI
- Creating Keys and References

## **7. Organizing ODI Models and Creating Data Sources**

- What is an Interface?
- Business Rules for Interfaces
- What is a Mapping?
- What is a Join?
- What is a Filter?
- What is a Constraint?
- What is a Staging Area?
- Creating a Basic Interface

## **8. ODI Interface Concepts**

- What is an Interface?
- Business Rules for Interfaces
- What is a Mapping, Filter, Join?
- Overview of Integration Process
- What is a Staging Area?
- About Execution Location
- Using Knowledge Modules (KM) with ODI Interface
- Creating a Basic Interface

### **9. Designing Interfaces**

- Designing an Interface
- Multiple Source Data stores
- Creating Joins
- Filtering data
- Disabling Transformations
- Overview of the Flow
- Specifying the Staging Area
- Selecting Knowledge Modules

### **10. Interfaces : Monitoring and Debugging**

- Monitoring Interfaces
- Using Operator
- Viewing Sessions and TasksHow to Monitor Execution of an Interface
- How to Troubleshoot a Session
- Keys to Reviewing the Generated Code
- Working with Errors
- Tips for Preventing Errors

### **11. Using ODI Procedures**

- What is a Procedure?
- Examples of Procedures
- Creating Procedures
- Adding Commands
- Adding Options
- Running a Procedure
- Using Operator to View Results

### **12. Using ODI Packages**

- What is a package?

- Creating a package
- Executing a package
- Creating Advanced Packages
- Error handling
- Controlling an Execution Path
- Creating a Loop
- Using the Advanced tab

### **13. Managing ODI Scenarios and Versions**

- What is a Scenario?
- Managing Scenarios
- Preparing Scenarios for Deployment
- Automating Scenario Management
- Scheduling the ODI Scenario
- Overview of ODI version management
- Using Version Browser and Version Comparison Tool
- Handling concurrent changes

### **14. Using Web Services in ODI**

- Web Services in Action
- Using Data Services
- Setting Up Data Services
- Testing Data Services
- Installing Public Web Services
- Using Public Web Services
- Invoking Web Services