ORACLE DATA INTEGRATOR

Introduction

1. What is Oracle Data Integrator?
2. Why Oracle Data Integrator?
3. Overview of ODI 12c Architecture
4. Overview of ODI 12c Components
5. About Graphical Modules
6. Types of ODI Agents
7. Overview of Oracle Data Integrator Repositories

Administering ODI Repositories and Agents

1. Administrating the ODI Repositories
2. Creating Repository Storage Spaces
3. Creating and Connecting to the Master Repository
4. Creating and Connecting to the Work Repository
5. Managing ODI Agents
6. Creating a Physical Agent
7. Example of Load Balancing

ODI Topology Concepts

1. Overview of ODI Topology
2. About Data Servers and Physical Schemas
3. Defining the Physical Architecture
4. Defining the Logical Architecture
5. Mapping Logical and Physical Resources
6. Defining Agents
7. Defining a Topology
8. Planning the Topology

Describing the Physical and Logical Architecture

1. Overview of Topology Manager
2. Creating a Data Server
3. Testing a Data Server Connection
4. Creating a Physical Schema
5. Creating Logical Architecture

6. Overview of Logical Architecture and Context Views
7. Linking the Logical and Physical Schemas

Setting Up a New ODI Project

1. Overview of ODI Projects
2. Creating a New Project
3. Using Folders
4. Organizing Projects and Folders
5. Understanding Knowledge Modules
6. Using Markers

Oracle Data Integrator Model Concepts

1. What is a Model?
2. Understanding Metadata in ODI
3. Understanding Reverse Engineering
4. Creating Models
5. Organizing Models
6. Creating Datastores
7. Using Constraints in ODI
8. Creating Keys and References

Organizing ODI Mapping

1. How mapping works on odi
2. Business Rules for Interfaces
3. Reusable mapping

Knowledge Modules

1. What is Knowledge Module
2. What are different type of KM
3. How to use native KM
4. Customization of KM

Components in ODI

1. Filter
2. Exprerrssion
3. Sorter

4. Distincr
5. Split
6. Aggregrator
7. Pivot
8. Unpivot
9. Lookup
10. Join

Interfaces: Monitoring and Debugging

1. Monitoring Interfaces
2. Using Operator
3. Viewing Sessions and Tasks
4. How to Monitor Execution of an Interface
5. How to Troubleshoot a Session
6. Keys to Reviewing the Generated Code
7. Working with Errors
8. Tips for Preventing Errors

Using ODI Packages

1. What is a package?
2. Creating a package
3. Executing a package
4. Creating Advanced Packages
5. Error handling
6. Controlling an Execution Path
7. Creating a Loop
8. Using the Advanced tab

ODI Tool Box

1. OdiFileAppend
2. OdiFileCopy
3. OdiFileDelete
4. OdiFileMove
5. OdiFileWait
6. OdiMkDir
7. OdiOutFile
8. OdiSqlUnload
9. OdiUnZip

Managing ODI Scenarios and Versions

1. What is a Scenario?
2. Managing Scenarios
3. Preparing Scenarios for Deployment
4. Automating Scenario Management
5. Scheduling the ODI Scenario
6. Overview of ODI version management
7. Scheduling the scenarios

IMPLEMENTING SLOWLY CHANGING DIMENSIONS

Working with Changed Data Capture

1. Overview of ODI version management
2. Techniques of Changed Data Capture
3. Changed Data Capture in ODI
4. CDC Consistency
5. Using CDC
6. Viewing Data/Changed data
7. Using Journalizing
8. OdiWaitForData
9. OdiWaitForLogData
10. OdiWaitForTable

Working with Flat-Files

1. What is flat-file?
2. Types of flat files
3. Reverse engineering the metadata from flat files
4. Error handling while importing flat files

Load Plans in ODI

1. Types of load plans
2. Implementing loadplans
3. Calling packages inside load plan
4. Exception handling loadplan using package

General concepts :-

1. Import and export
2. Soft import and soft export
3. Materializing shortcuts
4. Generate DDL using odi studio
5. Exporting odi master and work repository
6. Command line programmes, Starting odi scenarios from command line etc...