

Formation Red Hat JBoss Data Virtualization Development (cours officiel)

Objectifs de la formation JBoss Data Virtualization Development

During this course Red Hat JBoss Data Virtualization Development trainees will learn how to model data sources and virtual entities such as tables, views, and procedures. Through hands-on labs, participants will learn how to deploy these virtual entities for JDBC and web service consumption.

At the end of this course, trainees will be able to :

- Model data sources
- Model a virtual base layer
- Create virtual databases (VDB)
- Model unions, joins, and virtual procedures
- Model and deploy web services
- Server administration
- Develop client applications.

À qui s'adresse cette formation ?

Public :

This course is intended for database administrators and database developers.

Prérequis :

In order to follow this course it is necessary to :

- Be fluent in Relational Database Concepts and SQL
- Have an experience in programming with the JDBC API.

JBoss Developer Studio or Eclipse experience is helpful but not required.

Contenu du cours JBoss Data Virtualization Development

Introduction to Red Hat JBoss Data Virtualization

Install Red Hat JBoss Data Virtualization

Model data sources

Model connections to data sources and the Teiid server

Create a virtual base layer (VBL)

Model a VBL on top of data sources

Create virtual databases (VDB)

Create and deploy a VDB

Create view models with a union

Model combined projections

Create view models with joins

Model joins between tables (sources)

Create virtual procedures

Model virtual procedures

Produce XML results

Model for XML document results

Expose a model as a SOAP web service

Build and deploy a web service model using JAX-WS (SOAP)

Expose a model as a REST web service

Deploy a web service model using JAX-RS (REST)

Create a view from a web service data source

Use a web service as a data source

Server administration

Manage the data services server

Create materialized views

Utilize materialized views when appropriate

Restrict access to a virtual database

Implement access restrictions to the elements mapped in a virtual database

Access a virtual database in an application

Access virtual databases in a Java application



ITgate
Training

Your Gateway to Excellence



Capital Social: 50000 DT **MF:** 1425253/M/A/M/000 **RC:** B91211472015
Tél. / Fax.: +216 73362 100 **Email:** contact@itgate-training.com **Web:** www.itgate-training.com
Adresse : 12 Rue Abdelkadeur Daghrir - Hammam Sousse 4011 – Tunisie