



KOENIG  
step forward



# Red Hat JBoss Data Virtualization Development

Course Code:-JB450

Duration:- 3 days

## Outline for this course

### 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

## **Course review**