

Dell Boomi - Associate Integration Developer

Course Description

Prepare for the Associate Integration Developer Certification with this comprehensive course on integration development using Boomi. This course will guide you through the fundamentals of integration, connector configurations, database queries, process management, and more. You'll gain hands-on experience through practical "Try-It" exercises, enabling you to build, deploy, and manage integration processes efficiently.

Audience

This course is designed for IT professionals, developers, and integration enthusiasts who want to enhance their skills in integration development. It's suitable for:

- Aspiring integration developers
- Software engineers
- System administrators
- IT professionals looking to streamline business processes.
- Anyone interested in mastering Boomi integration.

Pre-requisite Knowledge/Skills

Participants should have the following prerequisites before enrolling in this course:

- Completed Dell Boomi: Integration Essentials Course

Course Objectives

This course is designed for IT professionals, developers, and integration enthusiasts who want to enhance their skills in integration development. It's suitable for:

- Aspiring integration developers
- Software engineers
- System administrators
- IT professionals looking to streamline business processes
- Anyone interested in mastering Boomi integration

Course Outline

Module 1: Introduction

- Introduction
- Setting Up your Folder and Installing your Connections

Module 2: Identifying Prospects

- Understanding Different Connector Types
- Configuring a Salesforce Read Connector
- Try-It: Create a Salesforce Query Operation
- Understanding AtomSphere Parameters
- Try-It: Set the Salesforce Runtime Parameters
- Configuring a Database Write Connector
- Try-It: Create the Database Write Connector and Commit Options
- Try-It: Create the Database Write Profile
- Try-It: Configure the Map Shape
- Map Functions
- Configuring Standard and User-Defined Map Functions
- Try-It: Create Map Functions
- Decision Shape
- Try-It: Add a Decision Shape to Query the Database
- Stop Shape and Advanced Testing Techniques
- Understanding the Stop Shape
- Advanced Testing Techniques in Test Mode
- Try-It: Add a Stop Shape and Test the Process

Module 3: Database Query

- Tracking New Customers
- Database Query Connector
- Try-It: Create a Database Query Operation
- Salesforce Write Connector
- Try-It: Create a Salesforce Update Action
- Connector Call
- Configuring a Connector Call
- Try-It: Create a Salesforce Update Map
- Mail Connector

- Try-It: Create a Mail Operation
- Message Shape
- Try-It: Create a Message Shape
- Program Command Shape
- Try-It: Add a SQL Command

Module 4: Manage and Schedule Processes

- Introduction to Process Execution
- Process Deploy vs. Execute
- Try-It: Install, Package and Deploy a Process
- Scheduling Processes
- License Management
- Manage Processes
- Beyond Process Reporting
- Try-It: Track Executions in Process Reporting
- Try-It: Examine the Process Execution Detail View
- Exception Shape
- Configuring an Exception Shape
- Try-It: Creating an Exception Shape
- Email Alerts
- Understanding Email Alerts
- Revision History
- Understanding Revision History
- Notify Shape
- Configuring the Notify Shape
- Try-It: Creating a Notify Shape
- Process Deactivation
- Understanding Process Deactivation
- Try-It: Process Deactivation

Module 5: Development Life Cycle

- Understanding the Development Life Cycle
- Build Components
- Working with Build Components
- Reusable Components
- Working with Reusable Components
- Folder Management
- Recognizing the Advantages of Folder Management

- Change Management
- Utilizing Change Management

Module 6: Understanding Properties

- Properties Overview
- Introduction to Boomi Properties
- Dynamic Process Properties
- Understanding Dynamic Process Properties
- Putting Dynamic Process Properties to Practice
- Try-It: Dynamic Process Properties
- Dynamic Document Properties
- Utilizing Dynamic Document Properties
- Create or Update an Account
- Try-It: Dynamic Document Properties
- Dynamic Process Properties vs. Dynamic Document Properties
- Identifying Differences
- Process Property Components
- Using Process Property Components

Module 7: Document Flow

- Understanding Documents
- Document Flow Overview
- Process Document Flow
- Interpreting Shape Execution within Process Document Flow
- Understanding the Execution Path
- Defining Documents with Multiple Records
- Interpreting the Original Document ID
- Understanding Document Failures
- Altering Document Flow
- Try-It: Document Flow Activity (Create Title, Course Description, Audience Profile, Prerequisite, Course Objective, and TOC)