

MuleSoft Quickstart for Developers

Price
\$4,000.00

Duration
5 Days

Delivery Methods
VILT, Private Group

A student in this class will learn about creating applications using both Mule 3 and Mule 4, deploying APIs, flows and connectors, Dataweave, API discoverability, manipulating and navigating Anypoint Studio, and more.

Who Should Attend

People with general technology experience and a general Understanding of Java

This class is not currently scheduled.

[Contact us and we will help you get the training you need!](#)

Course Objectives

- Designing APIs
- Building APIs
- Test-Driven Development (Munit)
- Consuming Web Services
- Controlling Event Flow
- Error Handling
- Data Transformation (Dataweave)
- Environment Properties
- API Management and Auto-Discovery
- Deploying APIs
- Managing APIs
- Deploying the Application Network
- Batch Processing

Agenda

1 - INTRODUCTION

2 - KEY CONCEPTS

- APIs
- Application Networks

- API-led Connectivity
- C4E Team
- Data Products vs Data Projects
- Anypoint Platform Introduction
- API Management
- API Discoverability

3 - DESIGNING APIS

- Designing Application Networks
- API Design with RAML

4 - BUILDING APIS

- Building API Interfaces with the API Kit
- Mule Events
- Debugging

5 - TEST-DRIVEN DEVELOPMENT (MUNIT)

- MUnit Sub modules & MUnit Utils
- How to create tests & use processors
- How to Run tests
- View test results and Coverage Report

6 - CONSUMING WEB SERVICES

- Restful Web Services
- SOAP Web Services
- Metadata and Web Services

7 - CONTROLLING EVENT FLOW

- Choice Router
- Scatter Gather
- Validator

8 - ERROR HANDLING

- On Error Continue
- On Error Propagate
- Flow Level, Processor Level Exception Handling
- Error Propagation
- Mule Flows Success Response vs. Error Response

9 - DATA TRANSFORMATION (DATAWEAVE)

- Basic Transformations using Metadata
- Complex Transformations of Arrays
- Map Operator

- Functions, Variable, Using
- Lookup Operator
- Organizing and Reusing Code
- DWL files
- Global Functions
- Operators
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10 - ENVIRONMENT PROPERTIES

- Properties and YAML files

11 - API MANAGEMENT AND AUTO-DISCOVERY

- Managing APIs using the API Manager
- Installing Auto Discovery

12 - DEPLOYING APIS

- Deploying to the Cloud (Cloudhub)
- Deploying to a Customer-hosted Mule Runtime
- Deploying a Mule Domain
- Installing HTTPS
- Creating an API Proxy

13 - MANAGING APIS

- Security Policies
- SLAs
- Contracts
- Alerts
- Analytics

14 - DEPLOYING THE APPLICATION NETWORK

- Deploying System APIs
- Deploying Process APIs

15 - BATCH PROCESSING

- For Each Scope
- Batch Scope
- Selective Batch Step Processing
- Batch Step Aggregation