KOENIG
step forward

KOENIG SOLUTIONS · COURSE OUTLINE

Anypoint Platform Development: Advanced (Mule 3)

Learn to manage Mule projects with Maven, drive development with MUnit, build custom elements, tune performance and secure communication with SSL.

9
MODULES

22
TOPICS

3 days in-person or 4 days online

COURSE OVERVIEW

This instructor-led course is for developers and architects interested in advancing their application development skills beyond those taught in the Anypoint Platform Development: Fundamentals course or the self-study MuleSoft.U Development Fundamentals course.

WHO THIS COURSE IS FOR

- **Mule Developers**
- **Integration Architects**
- **Software Architects**
- **Application Developers**

PREREQUISITES

- Completion of the instructor-led Anypoint Platform Development: Fundamentals course, the self-study MuleSoft.U Development Fundamentals course, or equivalent knowledge from 6+ months Mule development experience and passing of the MCD - Integration and API Associate exam. Note: If you have not taken one of these courses or passed the exam, you will be contacted to confirm your qualifications.
- Experience with Java or another object-oriented language
- Ability to navigate a command-line interface

LEARNING OBJECTIVES

At the end of this course, students should be able to:

- Manage Mule project development with Maven
- Achieve continuous integration and use test driven development with MUnit
- Develop custom elements
- Implement design patterns and tune application performance
- Work with state
- Secure communication with SSL

COURSE SYLLABUS

9 Modules, 22 Topics

PART 1 Team Development

01
Managing Mule Projects with Maven

TOPICS

Use a software project management tool · Manage dependencies

02
Managing Mule Code

TOPICS

Maintain Mule source code · Develop with best practices

03
Achieving Continuous Integration

TOPICS

Create a CI job · Trigger the builds · Automate deployments

04
Driving Development with MUnit

TOPICS

Create acceptance criteria · Fail and pass tests · Refactor test cases · Refactor Mule applications

PART 2 Advanced Application Development

05
Developing Custom Elements

TOPICS

- Use the Mule API
- Create custom transformers, processors, and beans

06
Implementing Design Patterns

TOPICS

Enrich data with Mule · Create scalable parallel processing in Mule

07
Tuning Application Performance

TOPICS

Understand SEDA architecture · Analyze threading profiles

08

Working with State

TOPICS

Impact design with clustering · Cache outbound requests · Work with object stores

09

Securing Communication with SSL

TOPICS

Implement one-way SSL · Implement two-way SSL

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com | info@koenig-solutions.com