

Anypoint Platform: Flow Design (Mule 4)

Summary

This instructor-led course is for people that work with data and want to get hands-on experience using the new web-based flow designer in Design Center to build integrations that connect systems quickly and easily.

Duration

1 day in-person or online

Objectives

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

- Build, debug, and deploy Mule applications.
- Retrieve data from databases, REST APIs, and SOAP APIs.
- Transform data using the DataWeave visual mapper.
- Add application logic and handle errors.
- Transfer data to other systems.

Prerequisites

- A basic understanding of data formats such as XML, CSV, and JSON
- A basic understanding of typical integration technologies such as HTTP, JMS, JDBC, REST, and SOAP

Setup requirements

- A computer with a minimum screen resolution of 1024x768
- Unrestricted internet access to port 80 (with > 5Mbps download and > 2Mbps upload)
- The latest version of Firefox or Chrome or Internet Explorer 10 or newer
- An Anypoint Platform account
<http://anypoint.mulesoft.com>

A detailed setup document can be downloaded from here: <https://training.mulesoft.com/downloads>.

Outline

Module 1: Creating Mule Applications

- Create basic applications using the Mule runtime
- Describe how to use Anypoint Platform to create and access APIs
- Promote flow designer applications

Module 2: Retrieving Data

- Capture input from query parameters and URI parameters
- Retrieve data from databases, REST APIs, and SOAP APIs

Module 3: Transforming Data Visually

- Transform data using a visual mapper
- Transform different responses into one common standard
- Transform data using conditional expressions
- Use DataWeave functions

Module 5: Controlling Event Flow

- Route events based on conditions
- Handle errors

Module 4: Transferring Data to Other Systems

- Transfer data to a Salesforce database