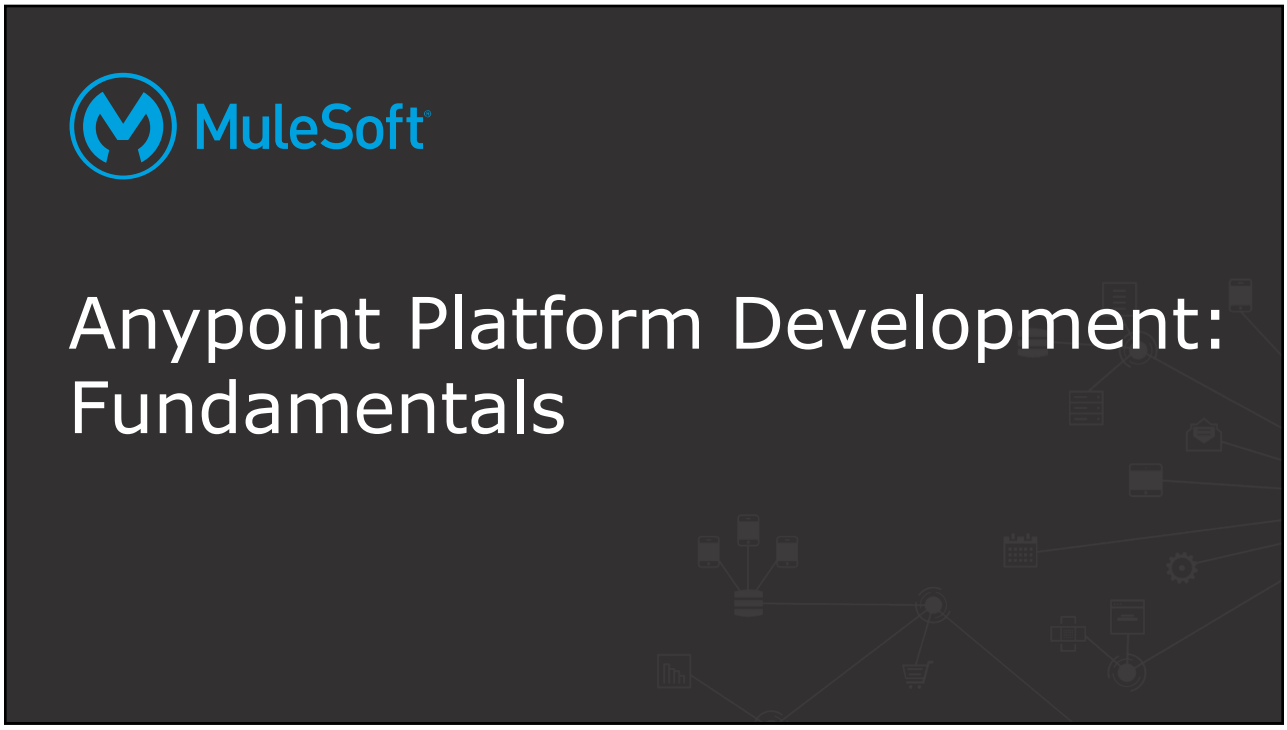


Anypoint Platform Development: Fundamentals

Student introductions

- Your name
- Company, role, and location
- Experience with
  - Java / object-oriented programming
  - Eclipse
  - Anypoint Platform (if any)
- Whether you plan on deploying to MuleSoft-hosted (CloudHub) or customer-hosted runtimes
- What you want to get out of class

Course logistics

MuleSoft

- Time
  - Classes are typically ~8 hours/day for 5 days
  - 1 hour lunch/mid-class break
  - 15 minute break each morning and afternoon
- We know you have two jobs to do this week!
  - If you have scheduled meetings, please let me know
    - We can try to schedule breaks around them

Introducing the course

At the end of this course, you should be able to

MuleSoft

- **Build an application network using API-led connectivity and Anypoint Platform**
- **Use Anypoint Platform**
  - As a central repository for the discovery and reuse of assets
  - To build apps to consume assets and connect systems
  - To take an API through its complete development lifecycle
- **Use Anypoint Studio** to build & debug integrations and API implementations
  - Connect to databases, files, web services, SaaS apps, JMS queues, & more
  - Transform data using DataWeave, the transformation language
  - Add application logic and handle errors
  - Structure applications to facilitate development and deployment
  - Handle batch data processing

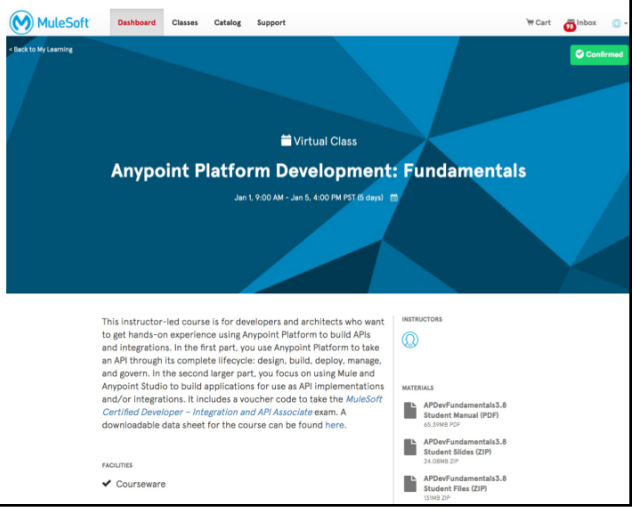
How the course will work

MuleSoft

- Is primarily hands-on
- Consists of
  - Short lectures (PPT) to introduce a concept
  - Walkthroughs
    - The bulk of class
    - Exercises we do together to learn the content

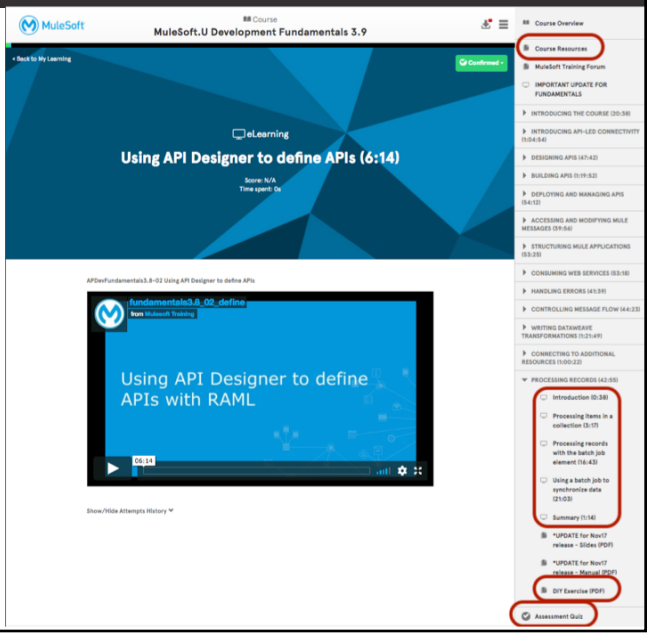
Course materials

- Available on MuleSoft Learning Management System
  - http://training.mulesoft.com/login.html
- **Student files** (ZIP)
  - Starting files needed to complete some of the exercises
  - Solution files
- **Student manual** (PDF) with steps for walkthroughs
- **Course slides** (ZIP of PDFs)



Supplemental course materials in self-paced MuleSoft.U Development Fundamentals course

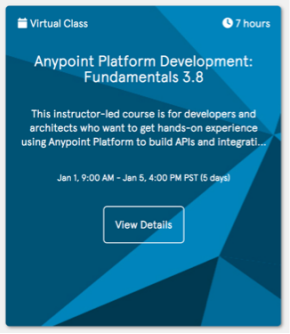
- You will be automatically enrolled in the course today!
- **Course videos**
- **DIY exercises**
  - Located under Course Resources with an individual PDF in each module
- **Assessment quiz**
  - Located at end of course



Walkthrough: Set up your computer for class

MuleSoft

- Download the course files from the MuleSoft Training Learning Management System
- Make sure you have JDK 1.8 and that it is included in your PATH environment variable
- Make sure Anypoint Studio starts successfully
- Install Postman (if you did not already)
- Make sure you have an active Anypoint Platform account
- Make sure you have a Salesforce developer account and an API security token

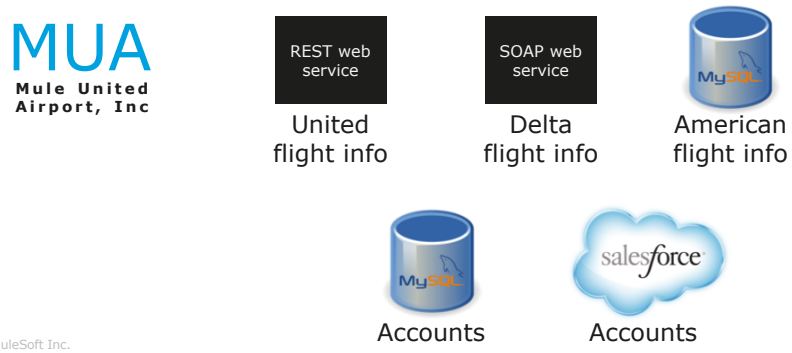


Introducing the course use case: Mule United Airport

Mule United Airport (MUA)

MuleSoft

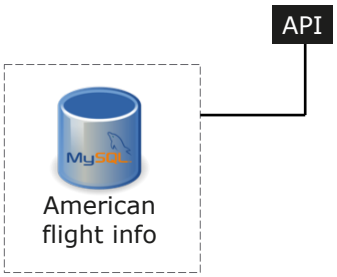
- Mule United Airport is a flight hub to multiple locations
- They host three different airlines in their terminals
- Their current architecture has many information silos



Course outline

MuleSoft

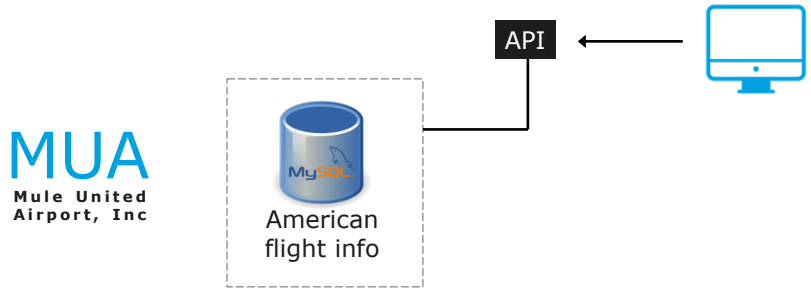
- PART 1: Building Application Networks with Anypoint Platform
  - Module 1: Introducing Application Networks and API-Led Connectivity
  - Module 2: Building Application Networks with Anypoint Platform
  - Module 3: Designing APIs
  - Module 4: Building APIs
  - Module 5: Deploying and Managing APIs



First course goal

MuleSoft

- Build an application that consumes a RESTful API for the American flight data



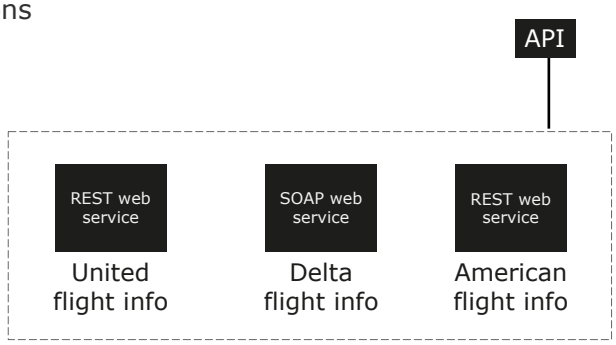
Second course goal

MuleSoft

- Build the RESTful API for the American flight data

Course outline

- PART 2: Building Applications with Anypoint Studio
  - Module 6: Accessing and Modifying Mule Messages
  - Module 7: Structuring Mule Applications
  - Module 8: Consuming Web Services
  - Module 9: Handling Errors
  - Module 10: Controlling Message Flow
  - Module 11: Writing DataWeave Transformations



Third course goal

- Build an API implementation for all the flight data

MUA
Mule United Airport, Inc

Course outline

- PART 2: Building Applications with Anypoint Studio (cont.)
  - Module 12: Connecting to Additional Resources
  - Module 13: Processing Records

Fourth course goal

- Synchronize on-prem account data to the cloud

MUA
Mule United Airport, Inc