

Mule Soft course content

Prerequisites

1. Good to have knowledge in JAVA or any object-oriented programming language
2. Basic knowledge on web services (SOAP/REST)
3. What is ESB?
4. Basic DB queries (CURD)
5. A basic understanding of data formats such as XML, CSV, and JSON
6. A basic understanding of typical integration technologies such as HTTP, JMS, JDBC, REST, and SOAP

Better to have 1 to 2 hours session on the Prerequisites that will be useful for all the students.

Mule

1. Introductions to Mule and advantages
2. Learn about Mule applications, flows, messages, and message processors
3. Inbound and outbound end points
4. Create a project in Any point Studio
5. What is connectors, transformers, Scopes, Components, Filters, flow control and Error Handling and how to use
6. Transform data using Data Weave, the powerful transformation language like convert message from XML and JSON, JSON to XML and JSON to CSV etc.
7. What are data scenes and advantages?
8. How to write Mule Expression Language (MEL)
9. Read and write message properties and variable's using MEL
10. Exception handling
11. Building, running, testing, and debugging Mule applications
12. . What is Cloud Hub and how to deploy an application? Deploying and running applications on Mule ESB and Cloud Hub
13. Creating batch jobs to process items in a CSV file or a database

How to connect to external systems using Mule

1. Introductions to Point to point integration and API's
2. What is Any point to Any point
3. Connect to databases, files, web services, SaaS applications, JMS queues, and more
4. Introduction to RAML
5. API LED connectivity

6. Introducing the Any pointPlatform (API Manager, Exchange, Access management, Runtime manager and MQ)

Security

1. Introduction to Security
2. Credential vault, secure mule message using different encryption and decryption mechanism's using mule
3. OAuth
4. How to configure HTTPS
5. How to apply policies and advantages through API manager

Support

1. Alerts
2. Create Clusters and High Availability
3. Server details

Guide lines to write a mule flow

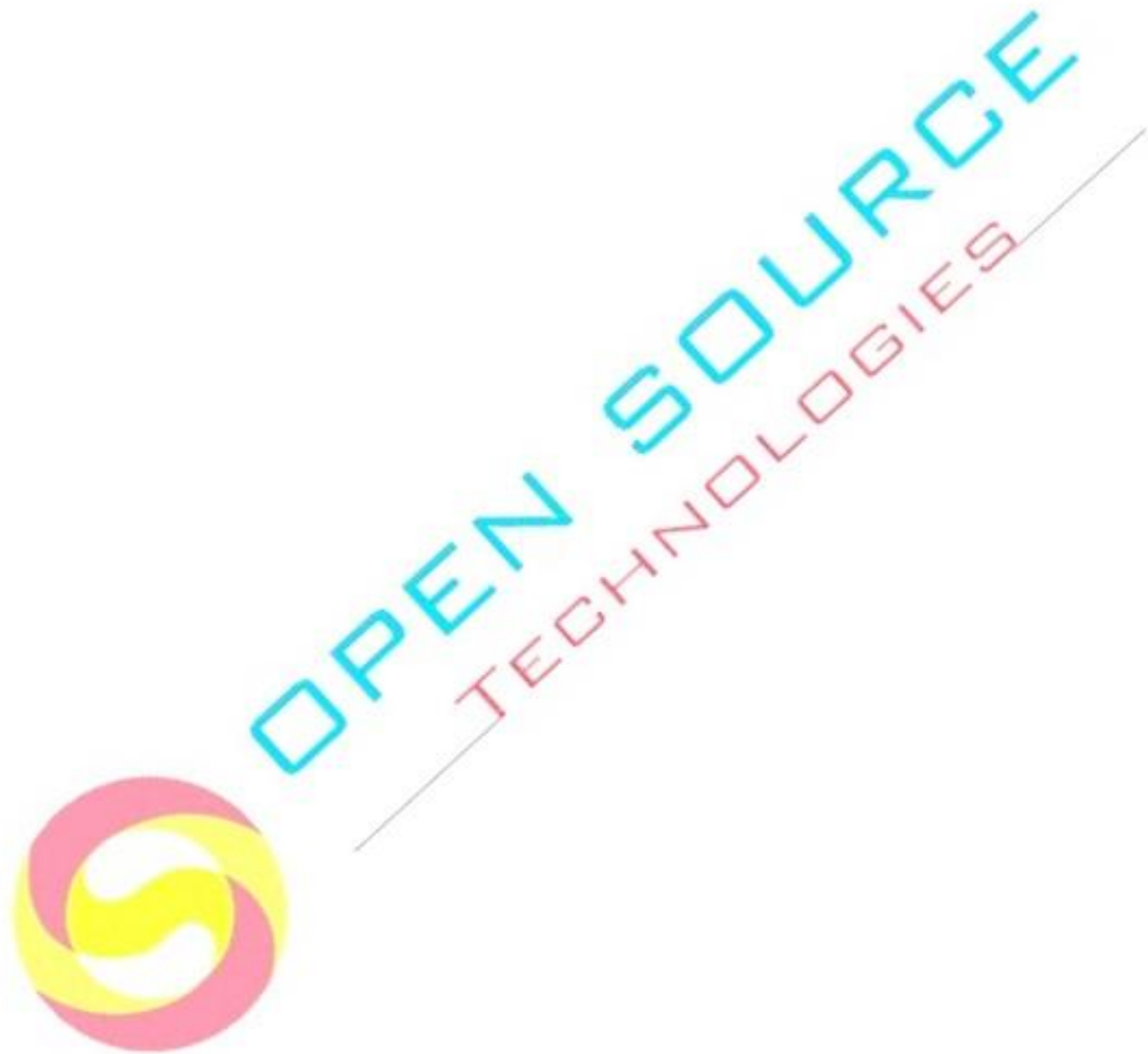
1. Coding standards
2. Best practices
3. Reusability
4. Logging and Auditing

How to write test cases in Mule

1. Munitand Junit test cases

Software's and tools

1. JAVA
2. Any point studio
3. Postman and SOAP UI



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Other Courses:
Devops, Windows Azure, Tableau,
Python, Business Analyst, IOT, Cyber Security,
Mulesoft, Hadoop, Spark & Scala, Robotic
process Automation.