

Mule ESB Developer Training

Educational Services: Core Mule Training (MD-2)

Course Summary

This course provides a thorough and practical grounding in applications development with Mule ESB 2. It gives an overview of the Mule ESB architecture and its configuration.

Core concepts and components required to understand how Mule ESB works are introduced. Students learn how to tap into the product to easily build powerful networks that can integrate disparate applications within the enterprise.

The course concludes with implementation techniques fundamental to application development, such as exception handling and transaction management.

Course Objectives

- Understand the use of fundamental Mule ESB 2 building blocks and know how to configure them for use within an application
- Know how to configure any Mule ESB 2 transport and be aware of the features of the most commonly used transports
- Understand how messages flow through Mule ESB 2
- Understand the different messaging styles that Mule ESB 2 supports
- Know how to model and test routing logic in a Mule ESB 2 application
- Know how to build new Mule ESB elements like filters, transformers and routers
- Know how to include exception management and connection management in a Mule ESB 2 application
- Know how to configure transactions in Mule ESB 2

Products Covered

- Mule ESB 2

Delivery

- Online instructor led, 60% of the course is spent acquiring invaluable practical experience during hands-on configuring and implementing Mule ESB 2 applications.

Course Style

- Bootcamp

Duration

- Three days

Who should enroll?

- Application developers
- Hands-on architects
- Team leaders who need to learn how to design and build applications and networks with Mule

Prerequisites

- Mule ESB Fundamentals
- Basic Java skills
- An understanding of Java technologies; including J2EE and JMS

Course Agenda

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| Day 1 | <ul style="list-style-type: none">▸ Business use case▸ Modeling applications▸ Unit testing Mule | Day 2 | <ul style="list-style-type: none">▸ Building Mule elements▸ Error handling▸ Maintaining data integrity with transactions |
| Day 1 | <ul style="list-style-type: none">▸ Transport architecture▸ Basic transports▸ Common transports▸ Web services in Mule▸ Maintaining data integrity with transactions | | |

About MuleSoft

MuleSoft provides enterprise-class software, support and services for the world's most popular open source application infrastructure products, Mule ESB and Apache Tomcat. With the lightweight and powerful Mule ESB and MuleSoft Tcat Server, MuleSoft is bringing simple yet powerful infrastructure to today's dynamic Web applications. Today, MuleSoft products boast more than 1.5 million downloads and over 2,000 production deployments by leading organizations such as Walmart.com, Nestlé, Honeywell and DHL, as well as 5 of the world's top 10 banks. MuleSoft is headquartered in San Francisco with offices worldwide.

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