



# Developing Enterprise Services with Mule ESB

Educational Services: Core Mule Training (MDC-2.x)

## Course Summary

The Mule ESB (Enterprise Service Bus) enables the implementation of high-performance, multi-protocol services connecting disparate enterprise systems. In this course participants learn, practice and demonstrate the fundamentals of developing enterprise services with Mule.

The class begins by providing participants with a solid foundation in Mule concepts and technology. Participants then work through a series of hands-on labs emphasizing core Mule development techniques and best practices, and build out an application over the course of the three days.

This course offers high-value to participants: instructor-led delivery with extensive hands-on lab sessions and a complete business integration scenario. On completion of the course, participants will be equipped to begin implementing Mule services for their enterprise SOA projects.

## Course Objectives

- Articulate the value of Mule ESB as the foundation for implementing SOA
- Define key terminology and technology associated with the Mule framework
- Describe Mule architecture and components
- Identify common enterprise patterns in context of Mule capabilities
- Explain core development concepts for implementing Mule, including message objects, service components, endpoints, routers, transformers, connectors, transports, etc.
- Demonstrate Mule development techniques and good practices
- Understand how to handle exceptions in the Mule environment
- Appreciate advanced features of Mule and capabilities for extending Mule

## Products Covered

- Mule ESB 2.x

## Delivery

- Instructor Led

## Course Style

- Boot Camp

## Duration

- Three Days

## Who should enroll?

- Application developers
- IT managers and staff
- Enterprise architects responsible for implementing, managing or architecting Mule solutions
- Anyone who is interested in a technical understanding of the Mule ESB platform in context of their SOA objectives

## Prerequisites

- Java programming skills
- Basic understanding of XML

## Course Agenda

<b>Day 1</b>	<ul style="list-style-type: none"><li>▸ Introducing Mule®</li><li>▸ Mule Architecture</li><li>▸ Getting Started with Mule</li><li>▸ Mule Core Concepts</li><li>▸ Testing Mule</li><li>▸ Configuring a Mule Model</li><li>▸ Configuring a Connector, Router and Endpoint</li><li>▸ Configuration Management</li></ul>	<b>Day 3</b>	<ul style="list-style-type: none"><li>▸ Implementing Exception, Transaction and Security Strategies</li><li>▸ Using the Client API to Invoke Mule</li><li>▸ Review Core Mule Concepts</li><li>▸ Deployment Considerations</li><li>▸ Monitoring and Managing Mule</li><li>▸ Mule Community and Resources</li></ul>
<b>Day 2</b>	<ul style="list-style-type: none"><li>▸ Introducing Mule Administration Tools</li><li>▸ Building Mule Applications</li><li>▸ Transforming Data</li><li>▸ Building a Business Case</li><li>▸ Integrating with Mule Connectors</li><li>▸ Implementing Web Services</li></ul>		

## About MuleSoft

MuleSoft is the Web Middleware Company. With iBeans, the lightweight and powerful Mule ESB, and the recently announced MuleSoft Tcat Server, MuleSoft brings simple yet powerful infrastructure to today's dynamic Web applications.

For more information:  
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