

## Developing Enterprise Applications with Mule (MD-2.x)

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### Course Summary

This course provides a thorough and practical grounding in applications development with Mule 2.x, starting with the needs of enterprise architects and developers that drive the Mule project. It gives an overview of the Enterprise Service Bus (ESB) and then goes on to provide an in-depth understanding of the Mule architecture and its configuration, the key to this powerful tool.

Next the key concepts required to understand how Mule works are introduced. Delegates learn how to tap into the product to easily build powerful networks that can integrate disparate applications within the enterprise.

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

### Course Objectives

After attending this module, a delegate will be able to:

- Know how to model and test routing logic in a Mule 2.x application.
- Know how to configure any Mule 2.x transport and be aware of the features of the most commonly used transports.
- Know how to use and invoke web service in a Mule 2.x application.
- Know how to build new Mule elements like filters, transformers and routers.
- Know how to include exception management and connection management in a Mule 2.x application.
- Know how to configure transactions in Mule 2.x.

There will be question and answer sessions periodically during the course where delegates will have the opportunity to discuss questions and issues relevant to their own planned use of Mule 2.x.

### Contact us!

For further information or to register for a course contact us:

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### Duration

Three days.

### Lab Ratio

60% of the course is spent acquiring invaluable practical experience during hands-on configuring and implementing Mule 2.x applications.

### Audience

Application developers, hands-on architects and team leaders who need to learn how to build applications and networks with Mule 2.x.

### Prerequisites

Delegates must have basic Java and XML skills plus an understanding of Java technologies; including J2EE and JMS.

### Programme

- Routing Patterns
- Routing Options
- Modeling Applications
- Unit Tests
- Transport Architecture
- Basic Transports
- Common Transports
- Web Services Support in Mule
- Using CXF in Mule
- Building new Mule elements (Filters, Routers and Transformers).
- Exception Handling
- Transactions