

# Routing to a JMS Queue

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**pluralsight**   
hardcore dev and IT training

# Routing to a Message Queue

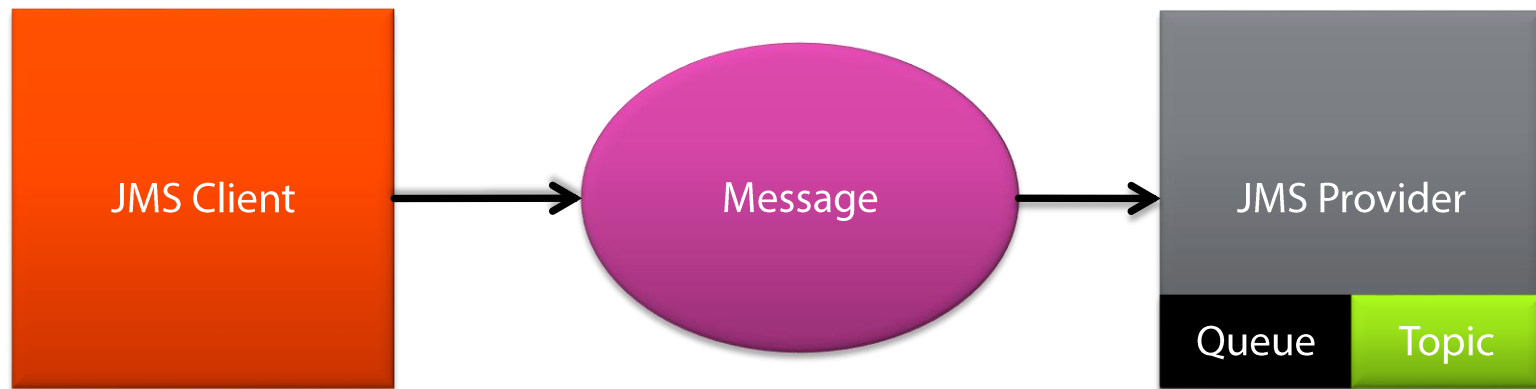
## Java Message Service (JMS)

- ✓ JMS concepts
- ✓ Queues and topics
- ✓ ActiveMQ

## Case Study Project Updates

- ✓ Code routing message to an ActiveMQ queue

# Java Message Service (JMS)



# JMS Destinations

- **Queue**
  - Point-to-Point Channel
  - First-In, First-Out
- **Topic**
  - Publish-Subscribe Channel
  - Durable Subscriber

# Apache ActiveMQ



<http://activemq.apache.org/>

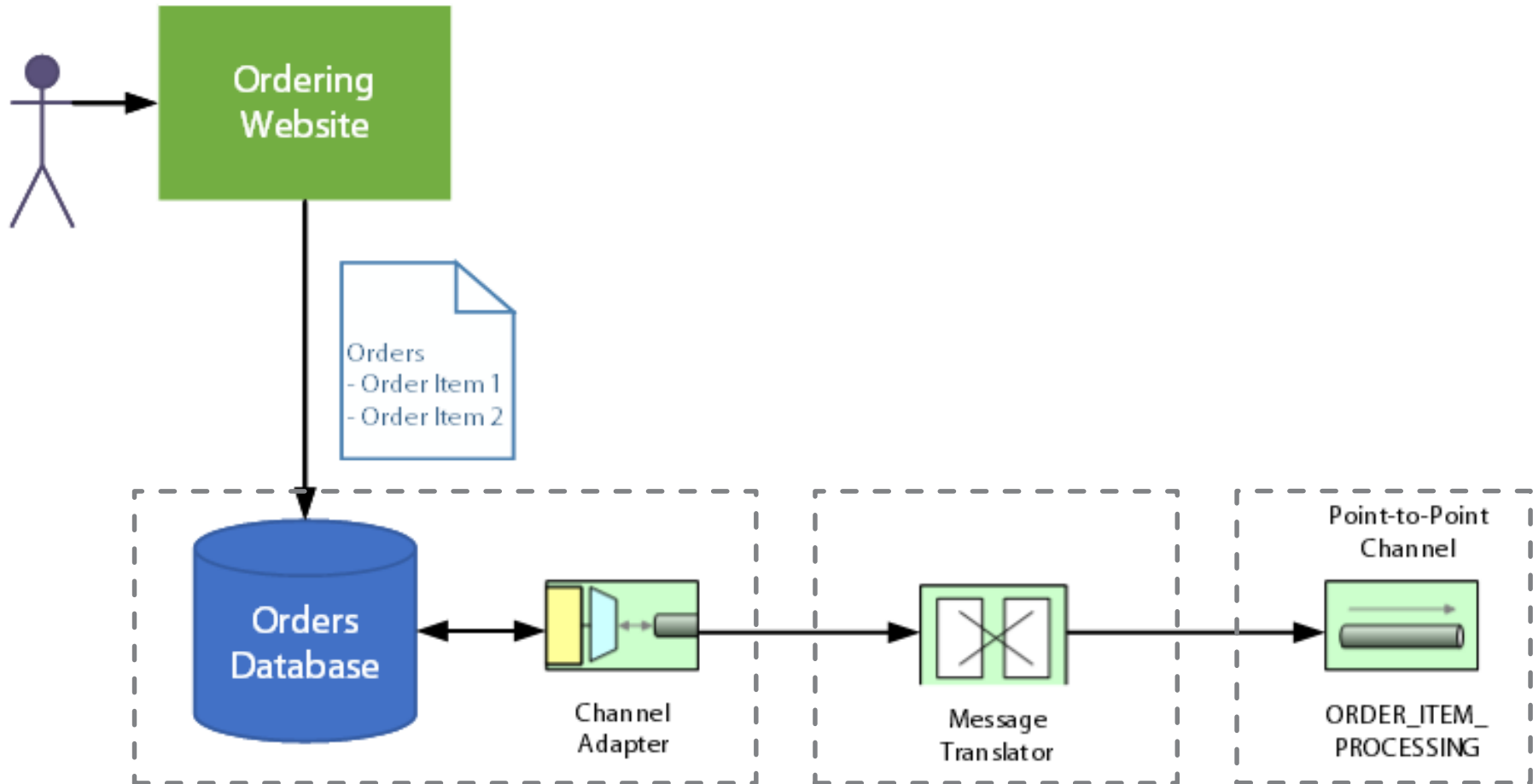
# Camel JMS Component

- **Camel JMS library**
  - camel-jms
  - Depends on Spring
- **Supports queues and topics as destinations**
  - `jms:queue:myQueueName?options`
  - `jms:topic:myTopicName?options`
- **Automatic message mapping between Camel and JMS**

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# Case Study – Order Item Processing Route





# **Case Study ActiveMQ**

- Add the ActiveMQ dependency
- Add properties for ActiveMQ
- Update the Camel route for ActiveMQ

# Summary

Java Message Service  
(JMS)

Case Study Project  
Updates

