Topics

Should You Use JMS?

Setting up Apache ActiveMQ

Basic JMS Use Cases

Advanced Use Cases

Frameworks
- Spring
- JEE

Administering & Monitoring

Should We Be Using JMS?

JMS is a specification

- Not interoperable with other non-JVM languages (and some on the JVM)
- Interoperability depends on the message broker
- AMQP – Advanced Message Queueing Protocol

APIs can be clunky sometimes

- JMS 2.0 has simplified APIs
- Frameworks/patterns mitigate this

Really mature

- Many providers/implementations
- Lots of documentation

APIs are stable

Moving between implementations is relatively easy

Most JMS implementations offer excellent features

Implementations to meet varying budgets

Example JMS Implementations

HornetQ

ActiveMQ

Artemis

Qpid

OpenJMS

WebLogic

WebSphere

SwiftMQ

SonicMQ