

# Administering & Monitoring Your JMS Environment

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**Grant Little**

[www.grantlittle.me](http://www.grantlittle.me)



# Overview



**JMS Queue Browser**

**Useful Tools**

**JMS Solution Health**



# Browsing a Queue

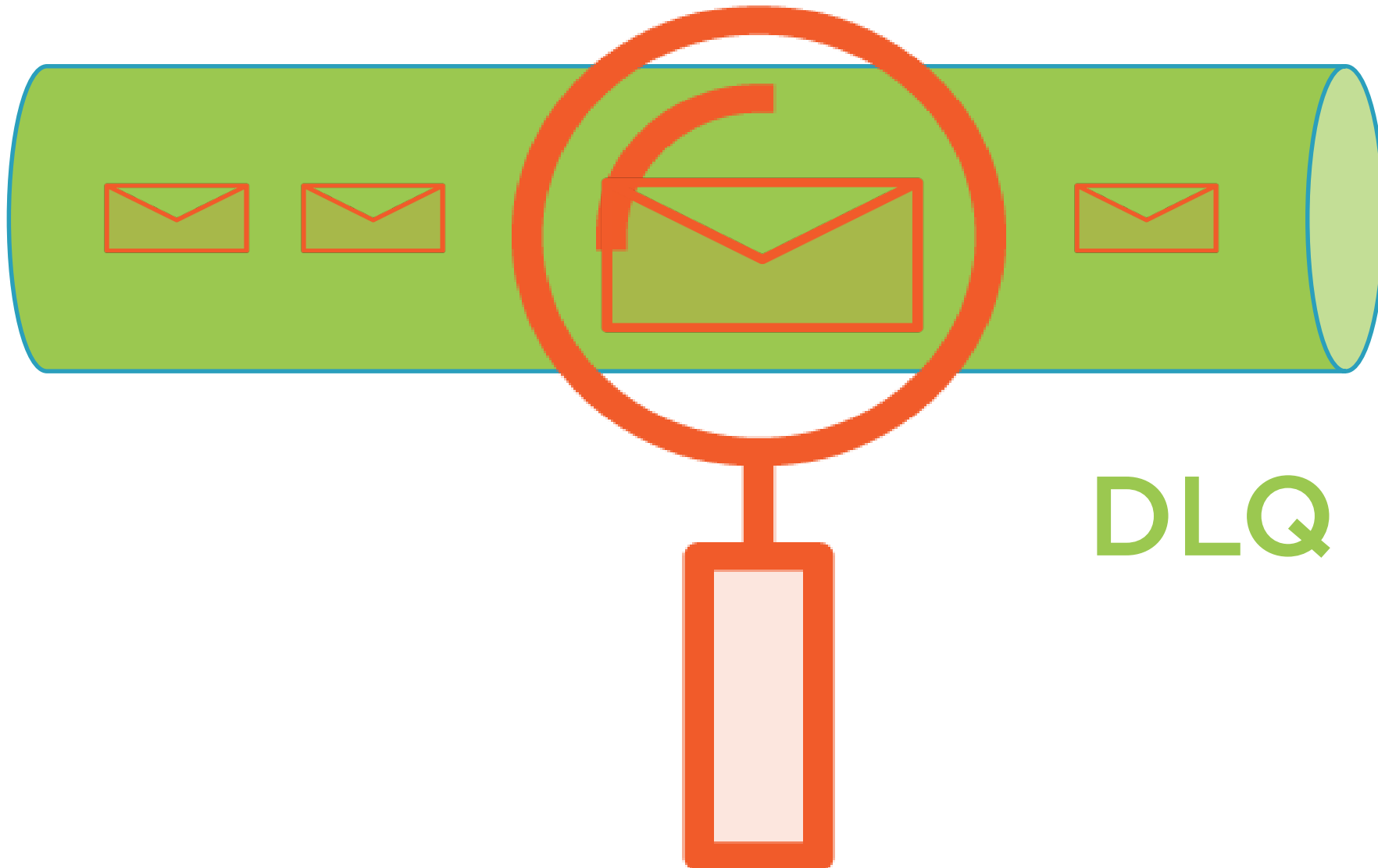
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Commonly used to count  
messages on a queue, but  
JMS Provider should  
provide a mechanism to do  
this



# Browsing a Queue

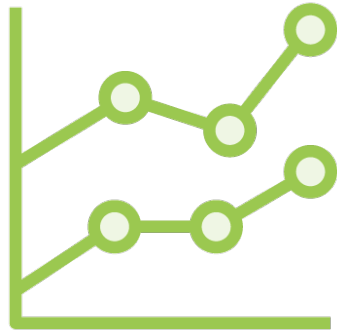


# Tools You Will Need

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# Centralized Administration





**Starting/Stopping Brokers**

**Failover Scenarios**

**Rolling Releases**

**Updating Configuration**





# Tooling Options



Ansible



# Monitoring Your JMS Environment

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# Accessing Log Files

**Syslog**

**ELK  
Stack**

**Splunk**





**Lots of capabilities**

**Mature**

**Good Support**



Difficult to Access Remotely  
Security



# JMX Over HTTP(S)

**Jolokia**

**Hawtio**



# Summary



Should we Use JMS?

Basic JMS Plays

Advanced JMS Plays

Using JMS with the Spring Framework

Using JMS with JEE

Monitoring & Administration



# Thank You!

