Introducing RabbitMQ

Stephen Haunts
DEVELOPER, LEADER, AUTHOR AND TRAINER

@stephenhaunts www.stephenhaunts.com

Overview

- Introduce the RabbitMQ platform
- Compare RabbitMQ to MSMQ on Windows
- RabbitMQ demonstration

Introducing RabbitMQ

www.rabbitmq.com

Introducing RabbitMQ

Reliability

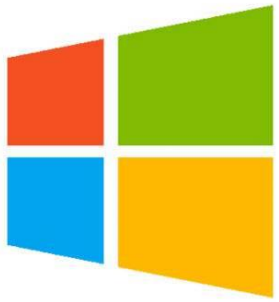
Routing

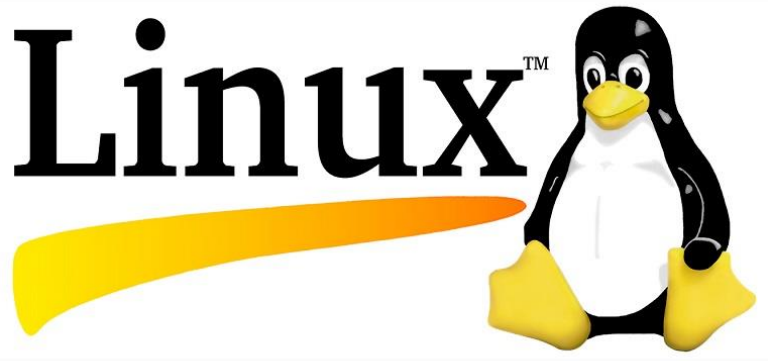
Clustering and High Availability

Management Web Interface

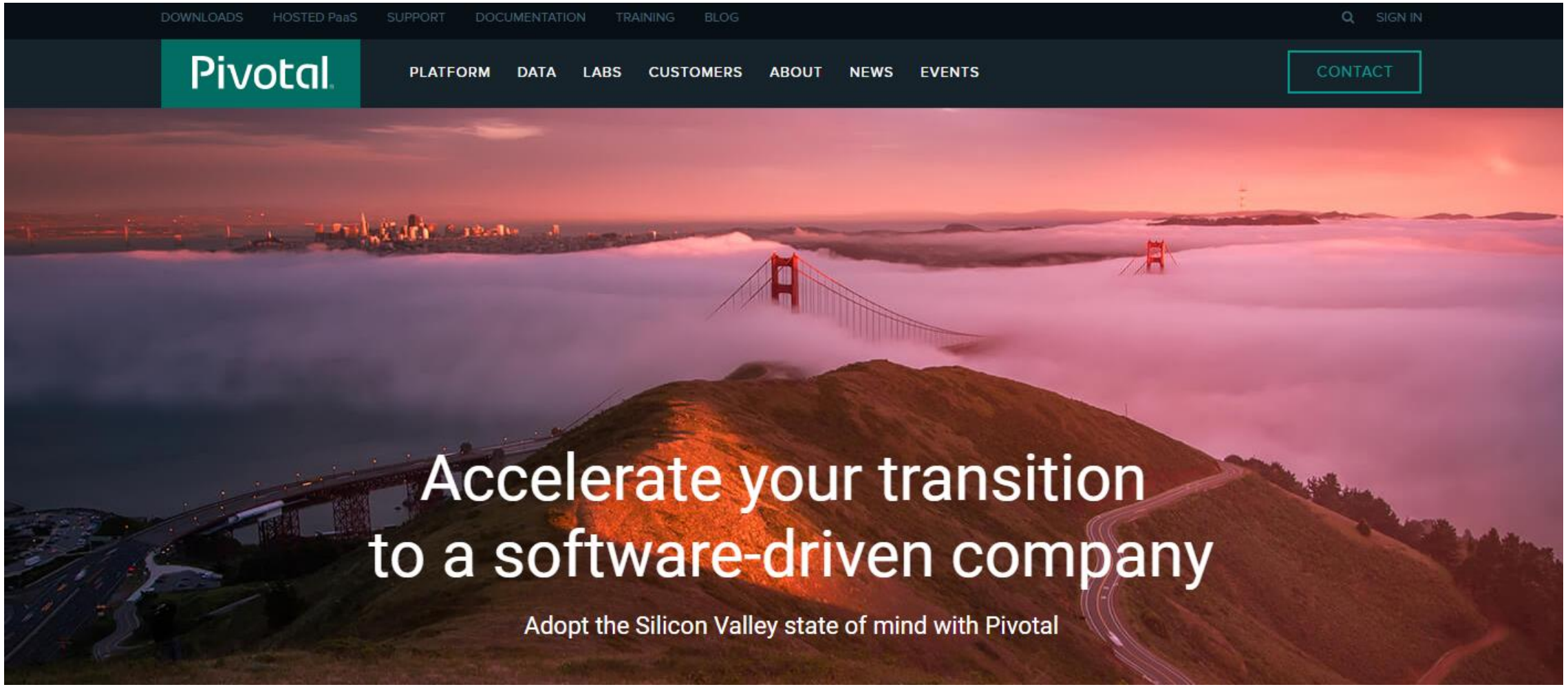
Command Line Interface

Introducing RabbitMQ



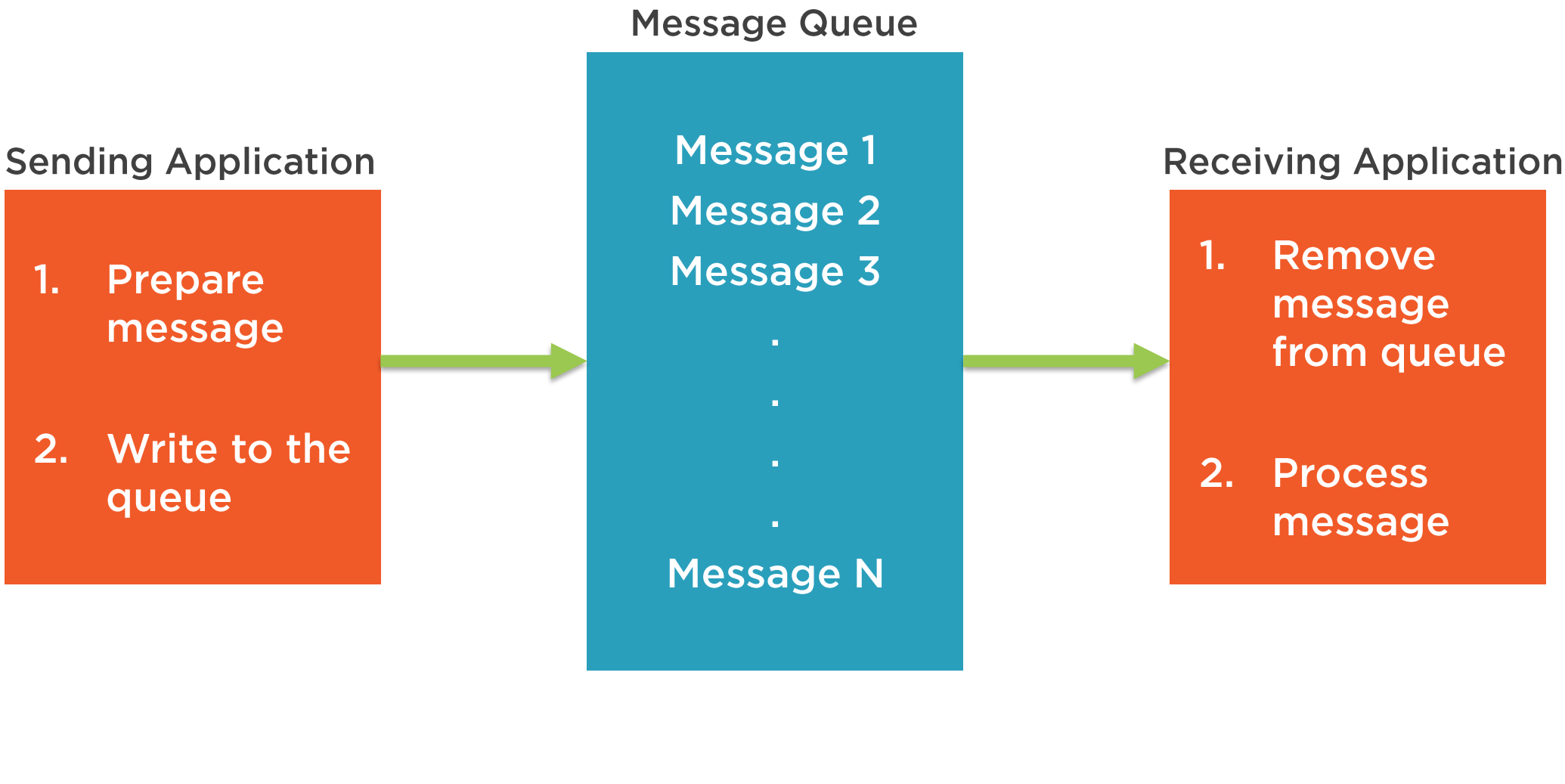


Introducing RabbitMQ



http://pivotal.io

MSMQ


Message Queue
Sending Application
1. Prepare message
2. Write to the queue
Message 1
Message 2
Message 3
.
.
.
.
Message N
Receiving Application
1. Remove message from queue
2. Process message

RabbitMQ vs MSMQ

Centralized vs Decentralized

Multi-Platform vs Windows Only

Standards Based vs No Standards

RabbitMQ Demonstration

RabbitMQ Management Portal Overview

Declare, list, and delete RabbitMQ entities

Queue and exchange monitoring

Send and receive messages

Monitor Erlang processes, file descriptors, and memory use

Force close connections, and purge queues

Summary