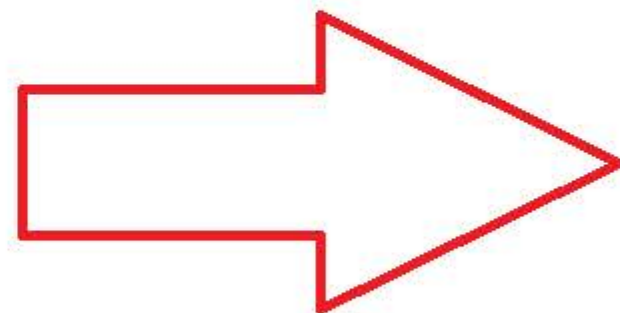
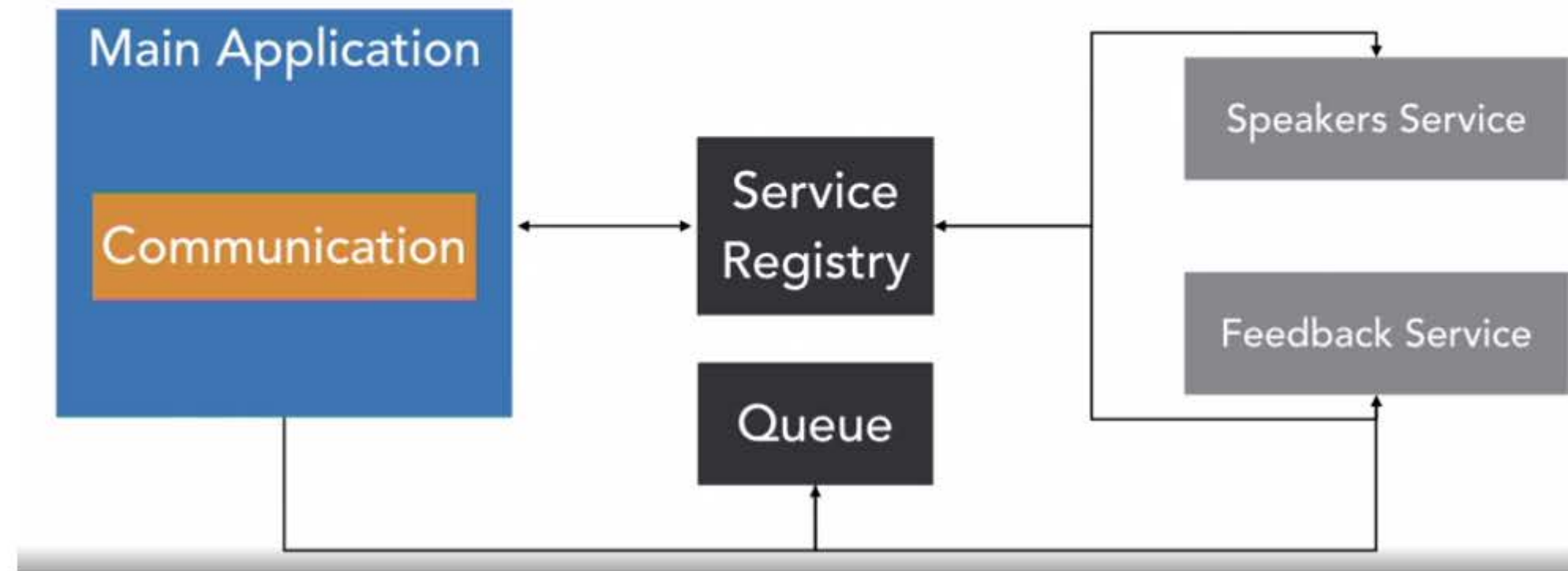


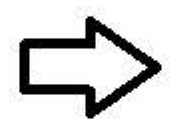
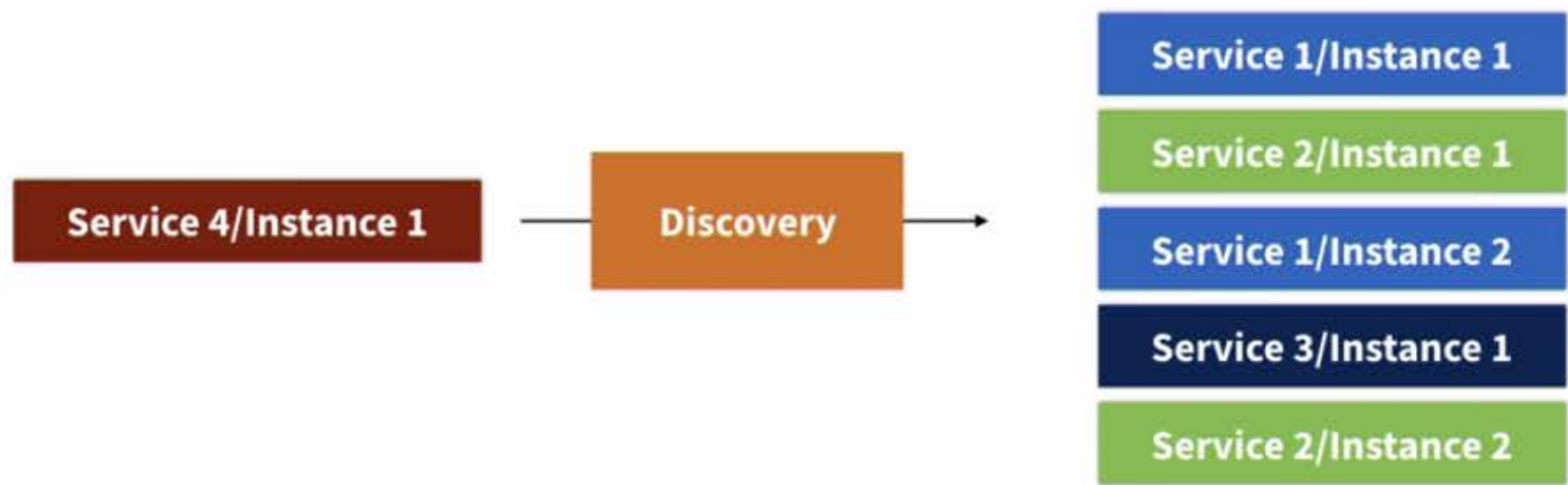
The Conference App



The Conference App

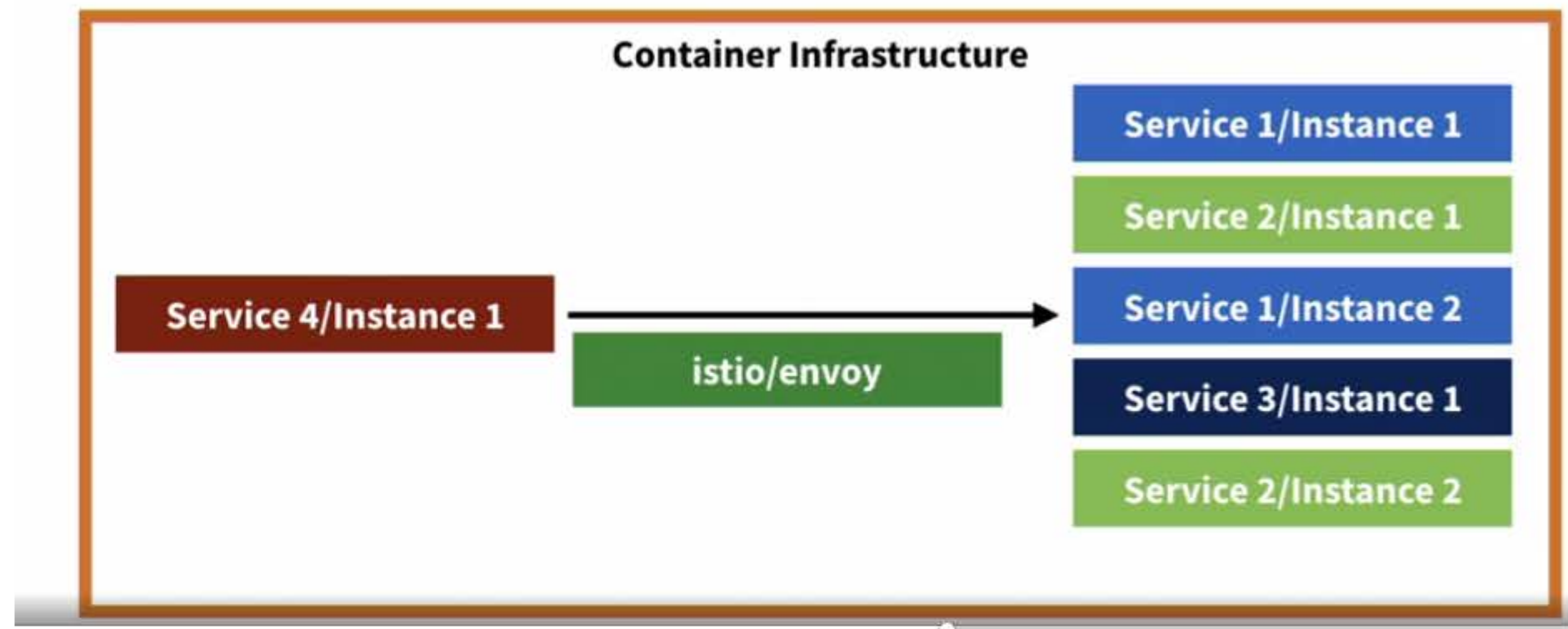


Understanding Service Discovery



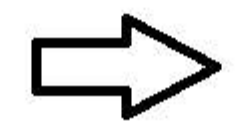
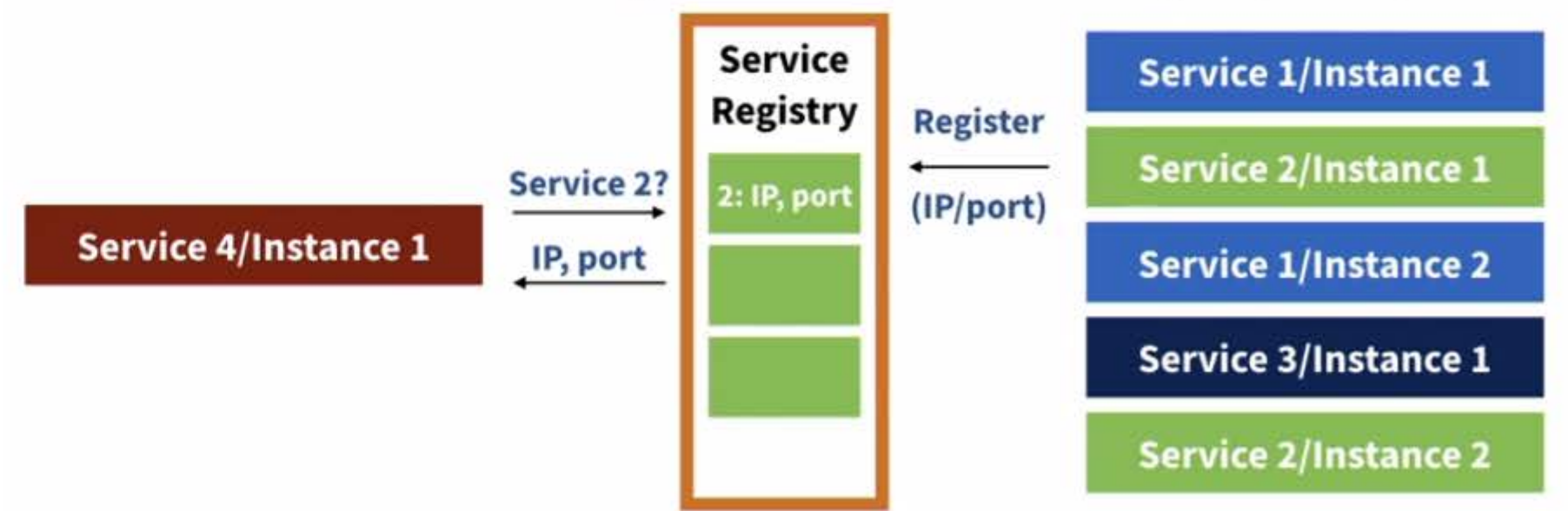
Service Mesh

In containerize applications Kubernetes, etc..

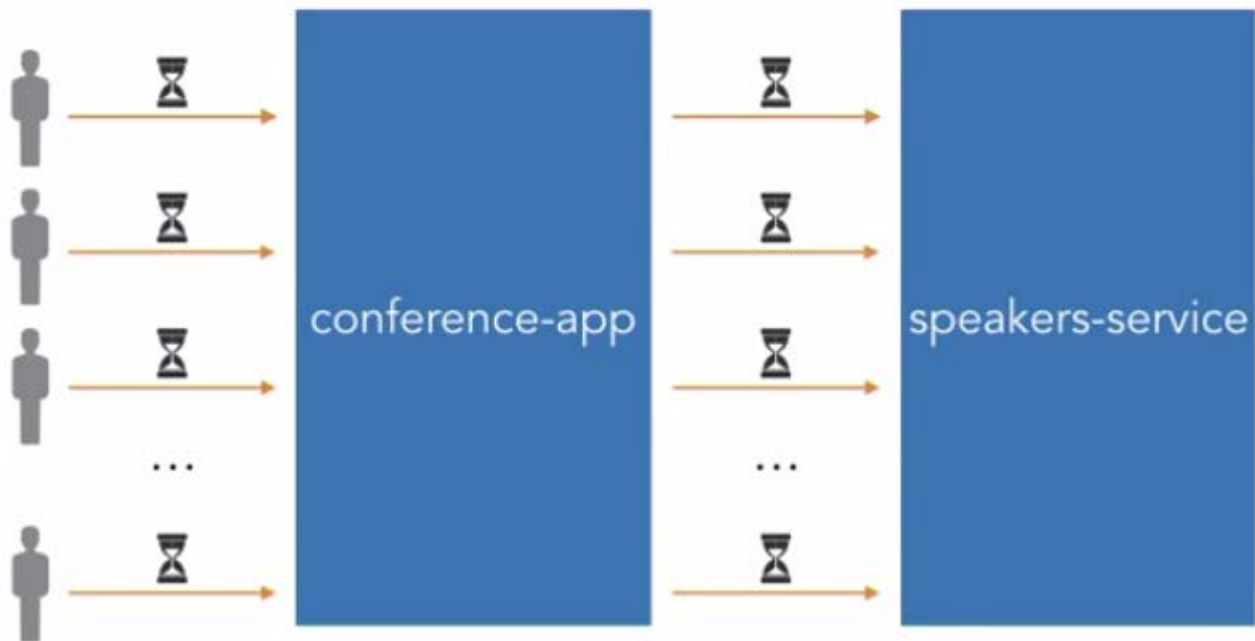


Service Registry

Wihout container - We implement our Service Registry component

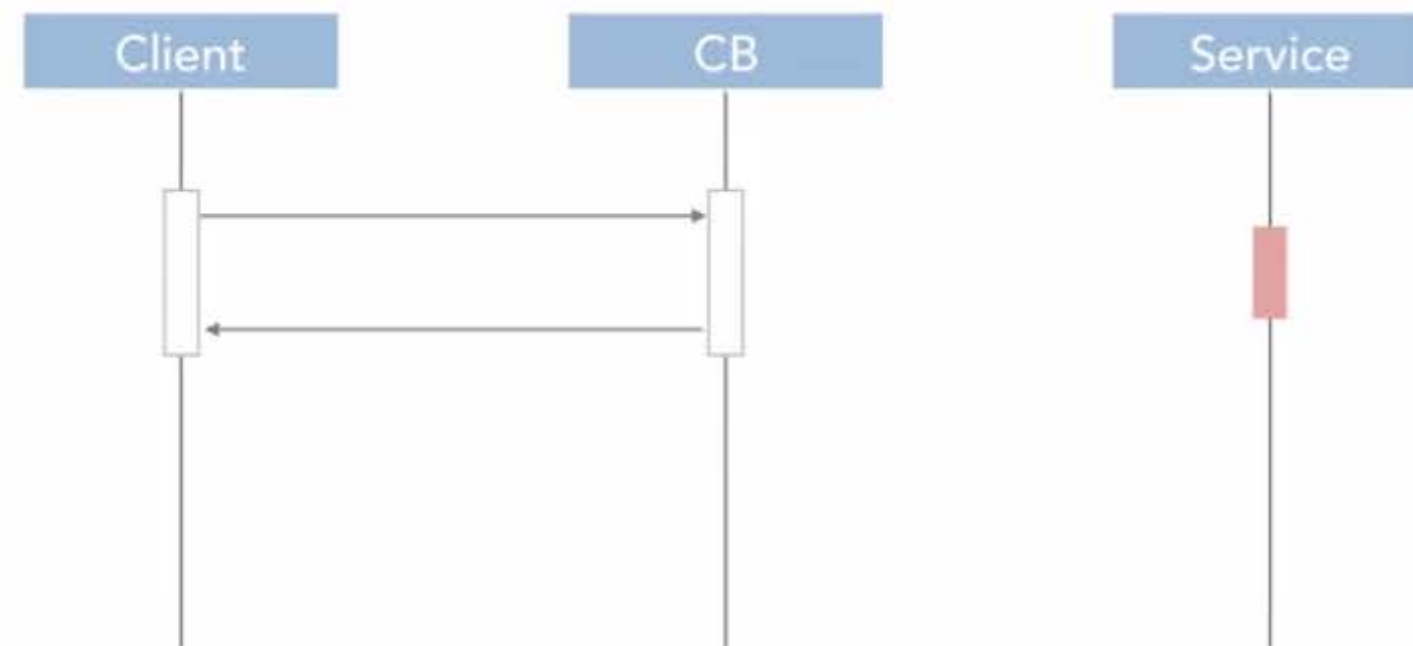
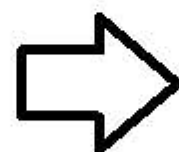
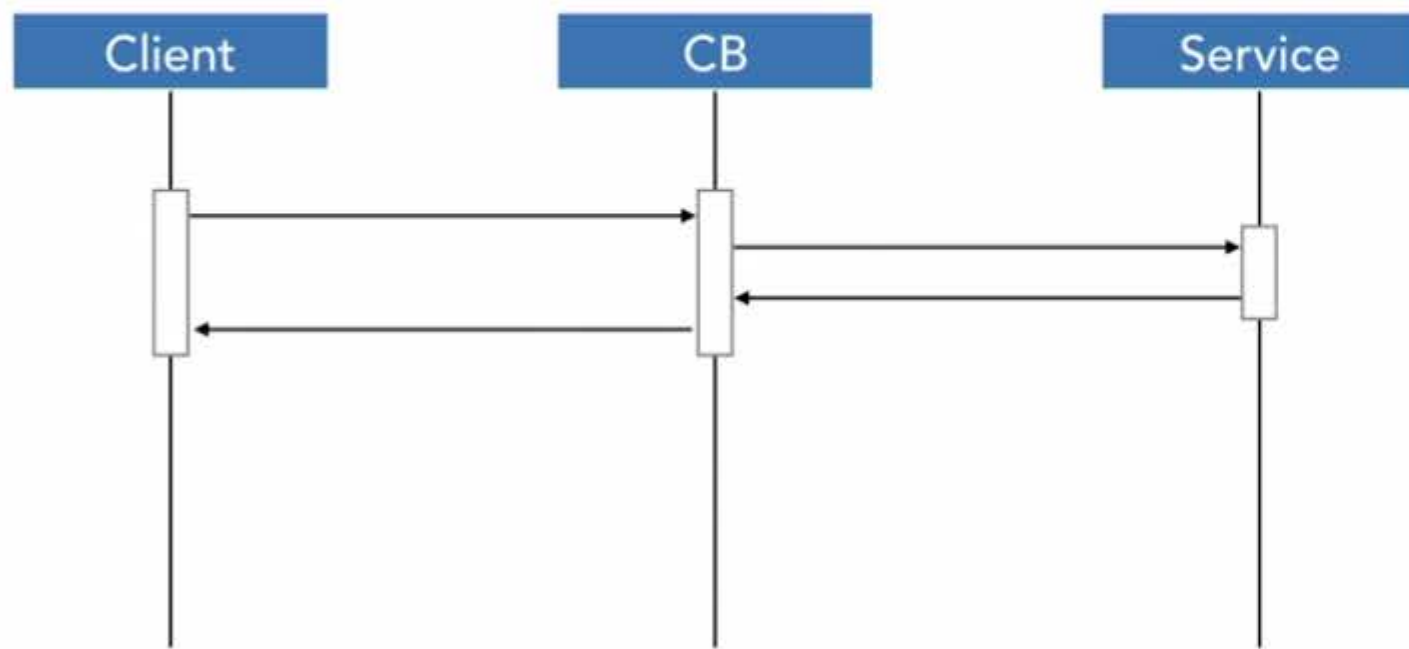


What Happens If a Service Fails?

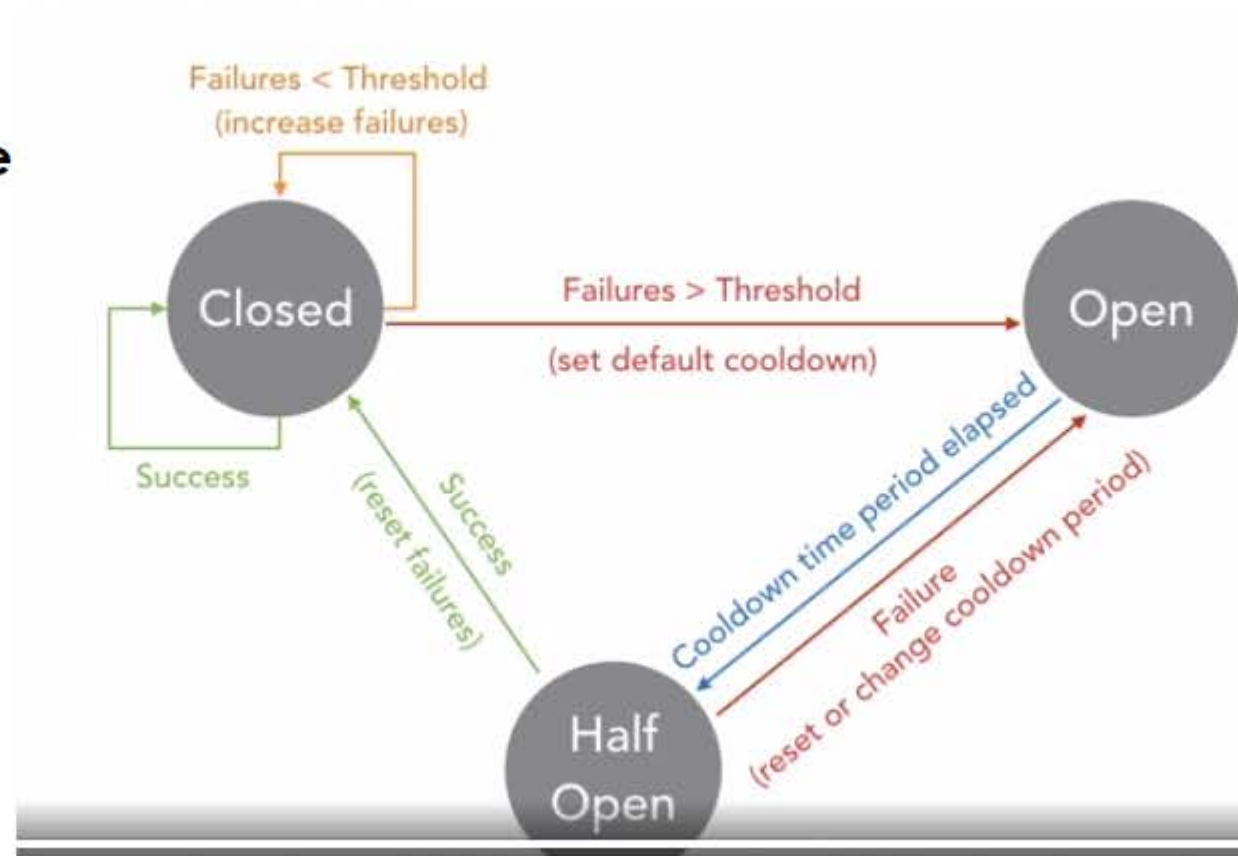


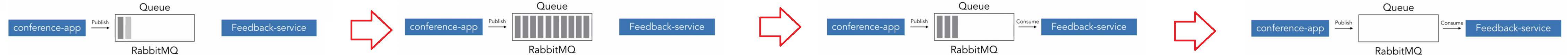
Closed State

Open State



State Machine







RabbitMQ Best Practices

Tap into community wisdom
and avoid mistakes



RabbitMQ is the most widely
deployed open source
message broker.

Updates

1. [RabbitMQ 3.7.13](#), 08 Mar 2019
2. [RabbitMQ 3.7.12](#), 15 Feb 2019
3. [RabbitMQ 3.7.11](#), 31 Jan 2019

Install on a Mac:

```
danielkhan ~ -bash - 80x24
car-booth-22-mac:~ danielkhan$ brew install rabbitmq
==> Downloading https://github.com/rabbitmq/rabbitmq-server/releases/download/v3.7.12/rabbitmq-server-generic-unix-3.7.12.tar.xz
Already downloaded: /Users/danielkhan/Library/Caches/Homebrew/downloads/61c948d68d0b7125665cc1429cb78f66f086489a42ab3b2382f361441e942e26--rabbitmq-server-generic-unix-3.7.12.tar.xz
==> /usr/bin/unzip -qq -j /usr/local/Cellar/rabbitmq/3.7.12/plugins/rabbitmq_management
==> Caveats
Management Plugin enabled by default at http://localhost:15672

Bash completion has been installed to:
/usr/local/etc/bash_completion.d

To have launchd start rabbitmq now and restart at login:
brew services start rabbitmq
Or, if you don't want/need a background service you can just run:
rabbitmq-server
==> Summary
📦 /usr/local/Cellar/rabbitmq/3.7.12: 236 files, 13.8MB, built in 14 seconds
car-booth-22-mac:~ danielkhan$ /usr/local/sbin/rabbitmq-server

## ##
## ##      RabbitMQ 3.7.12. Copyright (C) 2007-2019 Pivotal Software, Inc.
#####      Licensed under the MPL.  See http://www.rabbitmq.com/
#####      ##
#####      Logs: /usr/local/var/log/rabbitmq/rabbit@localhost.log
#####              /usr/local/var/log/rabbitmq/rabbit@localhost_upgrade.log

Starting broker...
completed with 6 plugins.
```



Technology: Network and System Administration

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Kubernetes has been called the "Linux of distributed systems." It is fast becoming the standard open-source tool for cloud-native application delivery. Learn how to get started with containers and Kubernetes, and build microservices architectures for reliability and resilience.

Create your first
Kubernetes cluster.

Build a microservices
architecture.

Explore the Kubernetes ecosystem with tools like
Prometheus, Istio, and Spinnaker.



Technology: Cloud Computing

Share

Become a Cloud Developer

Cloud computing impacts all careers, and an awareness of the opportunities associated with this emerging field is critical. From backup and storage to PAAS, SAAS, microservices, and web services, get the essential knowledge and skills you need for a career in cloud development.

Discover the differences between AWS,
Azure, and Google Cloud Platform.

Learn the features common
to all cloud services.

Explore the different career options
related to cloud development.