STRIMZICON

8 sessions

11 speakers

6 organizations

STRIMZICON

8 sessions

11 speakers

5hr+ content

6 organizations

Program Committee

Yaodong Yang
Apple
Staff Software Engineer
See bio

Philipp Bocker
Atruvia
Solution Manager
See bio

Richard Bosch
Axual
Developer Advocate
See bio

Thomas Dangleterre
Decathlon
Software Engineer
See bio

Sam Hawker
IBM
Software Engineer
See bio

Lukas Kral
Red Hat
Senior Software Quality Engineer
See bio

Paul Mellor
Red Hat
Technical Writer
See bio

Paolo Patierno
Red Hat
Senior Principal Software Engineer
See bio

Kate Stanley
Red Hat
Principal Software Engineer
See bio

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Speakers

Paolo Patierno
Red Hat
Senior Principal Software Engineer
See bio

Kate Stanley
Red Hat
Principal Software Engineer
See bio

Richard Bosch
Axual
Developer Advocate
See bio

Lixin Yao
Apple
Staff Software Engineer
See bio

Vrishali Bhor
Apple
Software Engineer

Bo Gao
Apple
Software Engineer
See bio

Gantigmaa Selenge
Red Hat
Senior Software Engineer
See bio

Colt McNealy
LittleHorse
Founder
See bio

Jakub Scholz
Red Hat
See bio

Steffen Wirenfeldt Karlsson
Maersk
Lead Software Engineer
See bio

Federico Valeri
Red Hat
Senior Software Engineer
See bio

Julio Turolla
Nubank
Staff Software Engineer
See bio

Roni Silva
Nubank
Senior Software Engineer
See bio

STRIMZI

Running Apache Kafka on Kubernetes

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... an **open-source, distributed event streaming platform**

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kubernetes ... an open-source system for automating

deployment

scaling

management

of containerized applications

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Running Apache Kafka on Kubernetes is complex, you must

deploy and **run** the cluster

apply **configuration** changes

upgrade to a new release

secure it

… and much more!

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Simplifies the process of running Apache Kafka on Kubernetes

Secure by Default

Simple yet **Configurable**
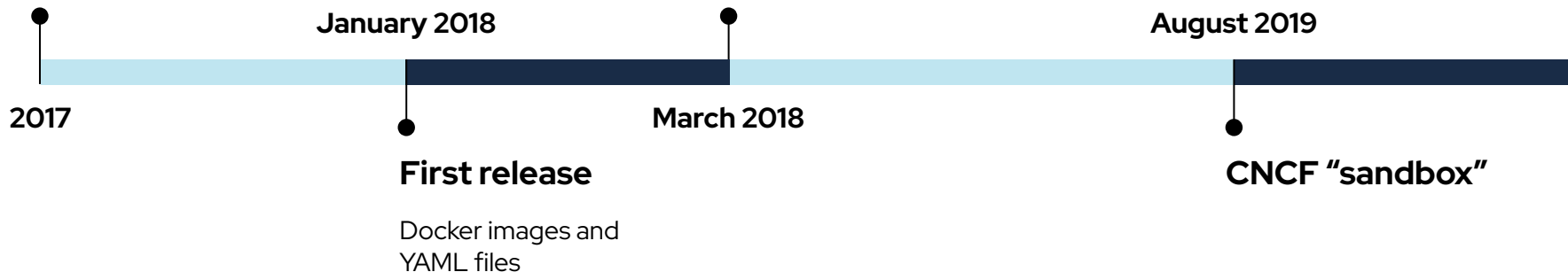
Kubernetes-Native Experience

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The past …

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Strimzi was born
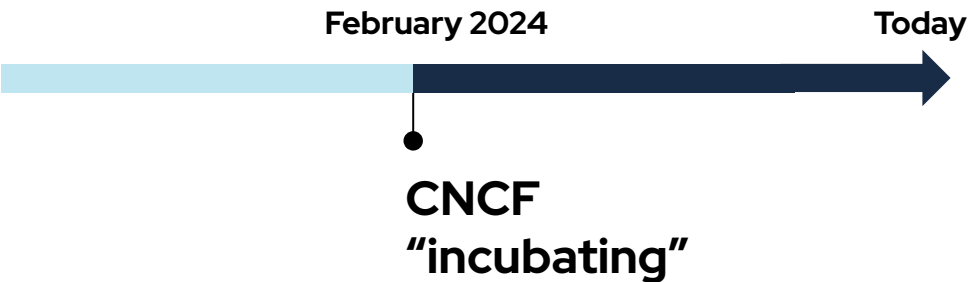
Created by Red Hat
engineers with a different
name… "Barnabas"

Adopted operators pattern

Building controllers
from scratch

January 2018

August 2019

2017

March 2018

First release

Docker images and
YAML files

CNCF "sandbox"

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... the present ...

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6033 commits

41 cluster operator releases

10 component repositories

4 operators

12 CRDs

February 2024

Today

**CNCF
"incubating"**

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Thank You!

Our community →
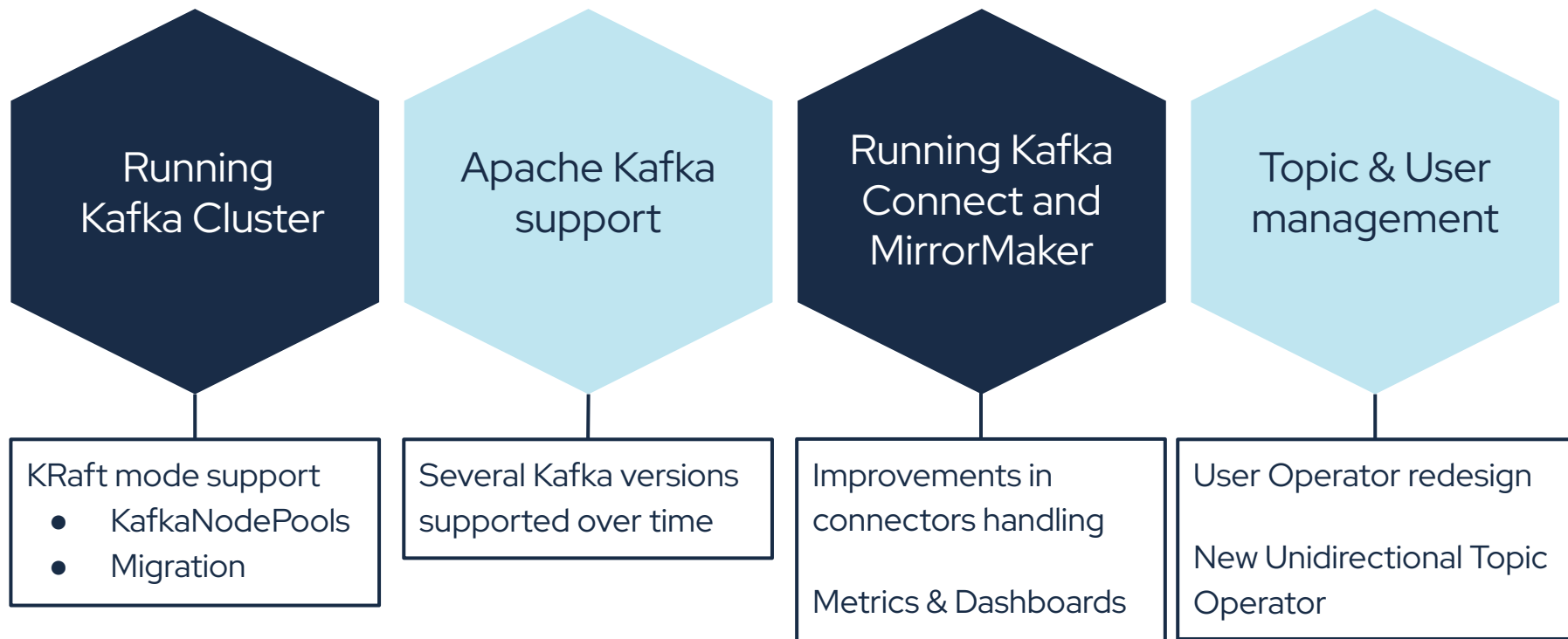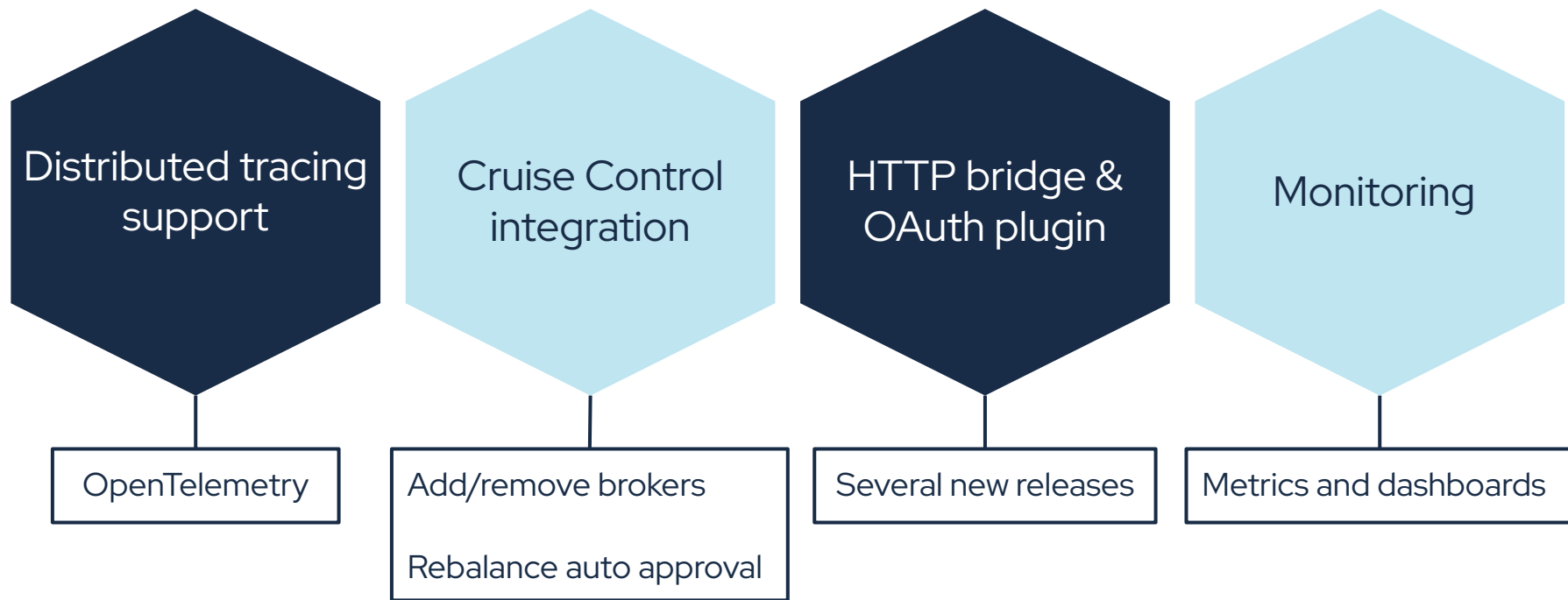
4.5k+ GitHub stars

1.2k+ GitHub forks

3k+ members on Slack

56 committing organizations

237 active contributors, **1709** total since joining the foundation

16 adopters

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Running Kafka Cluster

Apache Kafka support

Running Kafka Connect and MirrorMaker

Topic & User management

KRaft mode support
- KafkaNodePools
- Migration

Several Kafka versions supported over time

Improvements in connectors handling

Metrics & Dashboards

User Operator redesign

New Unidirectional Topic Operator

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Distributed tracing support

Cruise Control integration

HTTP bridge & OAuth plugin

Monitoring

OpenTelemetry

Add/remove brokers

Rebalance auto approval

Several new releases

Metrics and dashboards

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... the future!*

* we hope!

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Helping the community to migrate to **KRaft**

External **certificate manager integration**

Auto-rebalancing on cluster scaling

Rolling brokers **in parallel**

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What can you do to help?

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Report an issue

Improve the documentation

Join the discussion

Contribute code

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Join the conversation

https://strimzi.io

https://github.com/strimzi

@strimziio

#strimzi on the https://slack.cncf.io

cncf-strimzi-users@lists.cncf.io

https://www.youtube.com/strimzi

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Time (GMT+2)	River room	Waterfall room
14:30 – 14:50	**Keynote** (Kate Stanley & Paolo Patierno @Red Hat)	
15:00 – 15:40	**Upgrade yourself to the Business Class** *Jakub Scholz @Red Hat*	**Exploring Strimzi's implementation of rolling updates** *Gantigmaa Selenge @Red Hat*
15:50 – 16:30	**Transition to Apache Kafka on Kubernetes with Strimzi** *Steffen Wirenfeldt Karlsson @Maersk*	**Modernizing Nubank's Kafka Platform For The Next 10 Years Starting at 1 Trillion Messages per Month** *Julio Turolla, Roni Silva @Nubank*
16:40 – 17:20	**Enhancing Kafka Topic Management in Kubernetes with the Unidirectional Topic Operator** *Federico Valeri @Red Hat*	**Partial Multi–Tenancy on Kafka using Strimzi at LittleHorse** *Colt McNealy @LittleHorse*
17:30 – 18:10	**How to survive managing Strimzi in an enterprise** *Richard Bosch, @Axual BV*	**Support Tiered Storage in Strimzi operated Kafka** *Lixin Yao, Vrishali Bhor, bo gao @Apple*

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Connect

Bevy Q&A for session questions

Bevy chat for connecting with attendees

Use **#StrimziCon2024** on social media to talk about the event

Join the **#strimzi** slack channel to continue the discussion

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Enjoy!

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Coffee break

We will be back soon

Thank you!

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