

Slack Integration: SheepDog

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Shepherd

DevOps

Build & Deploy

Monitoring

Service Support

Reporting

Security

Links

<=>

> shepherd > slack > test > releases > d9397412-b1a0-4a85-9ddf-f9dc5aee828a > unstable

test flock releases

Versions Configs Releases State history Settings

No filters applied

Create Release

Aardvark

Created: Sep 8, 2020 3:30 AM UTC

...449637f1059

Planning

RELEASE TYPE

Roll forward

CHANGE TYPE

Application

TARGETS

3/3

Aardvark

Created: Sep 8, 2020 3:30 AM UTC

...13e71df330d

Planning

RELEASE TYPE

Roll forward

CHANGE TYPE

Application

TARGETS

3/3

Aardvark

Created: Sep 8, 2020 3:19 AM UTC

...9dc5aee828a

Succeeded

RELEASE TYPE

Roll forward

CHANGE TYPE

Application

TARGETS

3/3

Aardvark

Succeeded

Finished at Sep 8, 2020 3:28 AM UTC

CHANGE TYPE

Application

TARGETS & PHASES

3/3 targets, 2 phases

APPLICATION

2 artifacts

FLOCK CONFIG

0a0072ab8ea

Phase

Targets

unstable (1)

stable (2)

UTC Started Completed

Auto approved

2020-09-08 03:21

2020-09-08 03:22

n/a

2020-09-08 03:26

2020-09-08 03:28

unstable

< Prev | Next >

unstable

Plan Logs Pending Resource

STATUS

Succeeded

TARGETS

1

SUMMARY OF OPERATIONS

All

1

0

0

0

TOGGLE NON-ELECTIVE CHANGES

0 hidden

Execution targets

Progress

Operations

> unstable

Succeeded

1

0

0

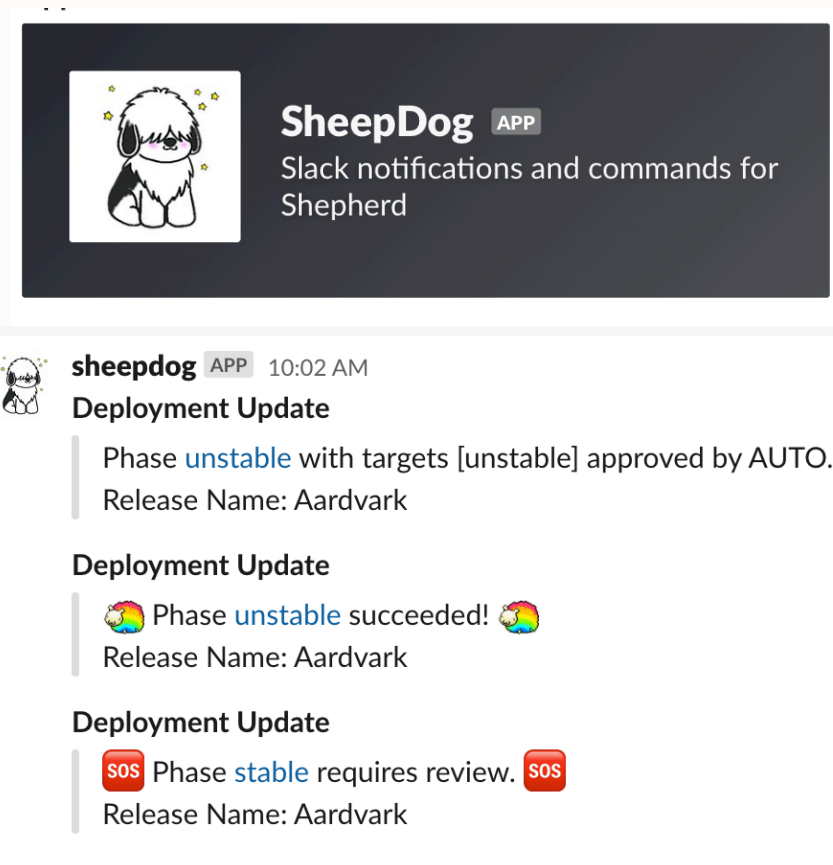
0

0 hidden

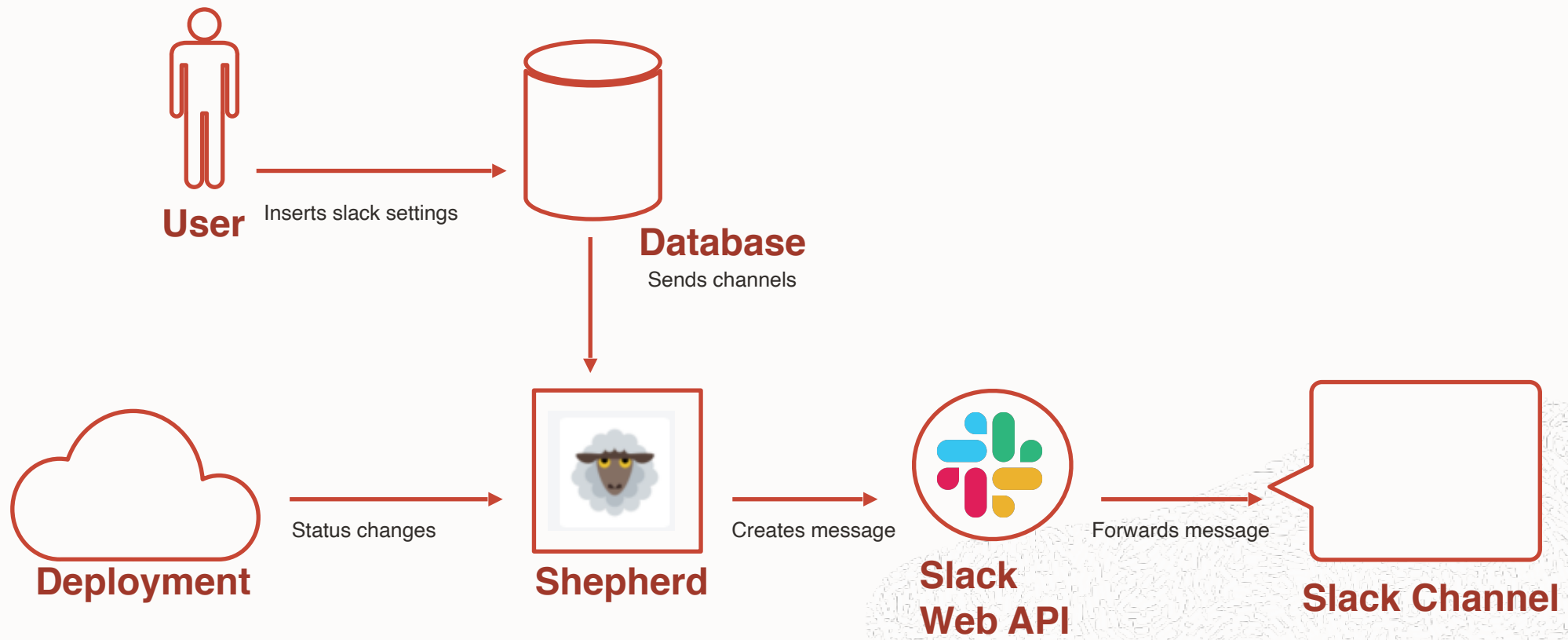


Meet SheepDog!

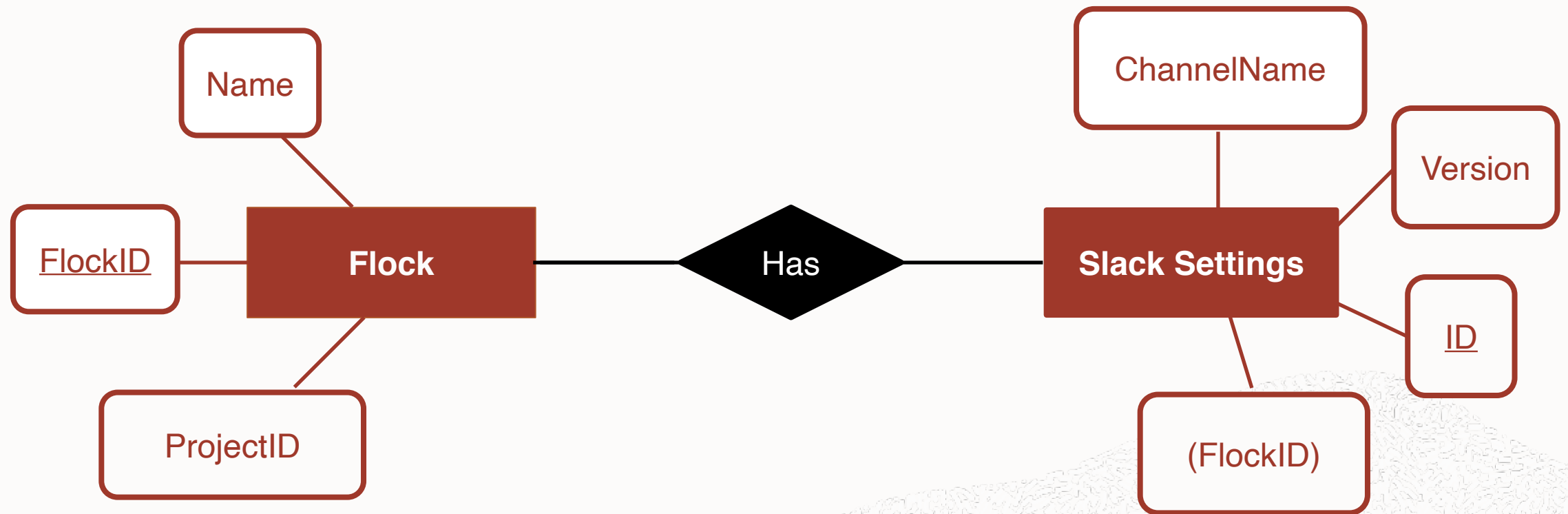
- SlackBot
- Watchdog for Shepherd Deployments
- Posts deployment updates on Slack



How does SheepDog work?



Databases










#tmp_shepherd_slack_testing ☆
Add a topic

Monday, August 31st ▾

Deployment Update
Phase [unstable](#) applying failed for targets [unstable].
Release Name: Aardvark
[Change Ticket](#)

 **sheepdog** APP 11:19 AM
Deployment Update
Phase [unstable](#) with targets [unstable] approved by AUTO.
Release Name: Aardvark

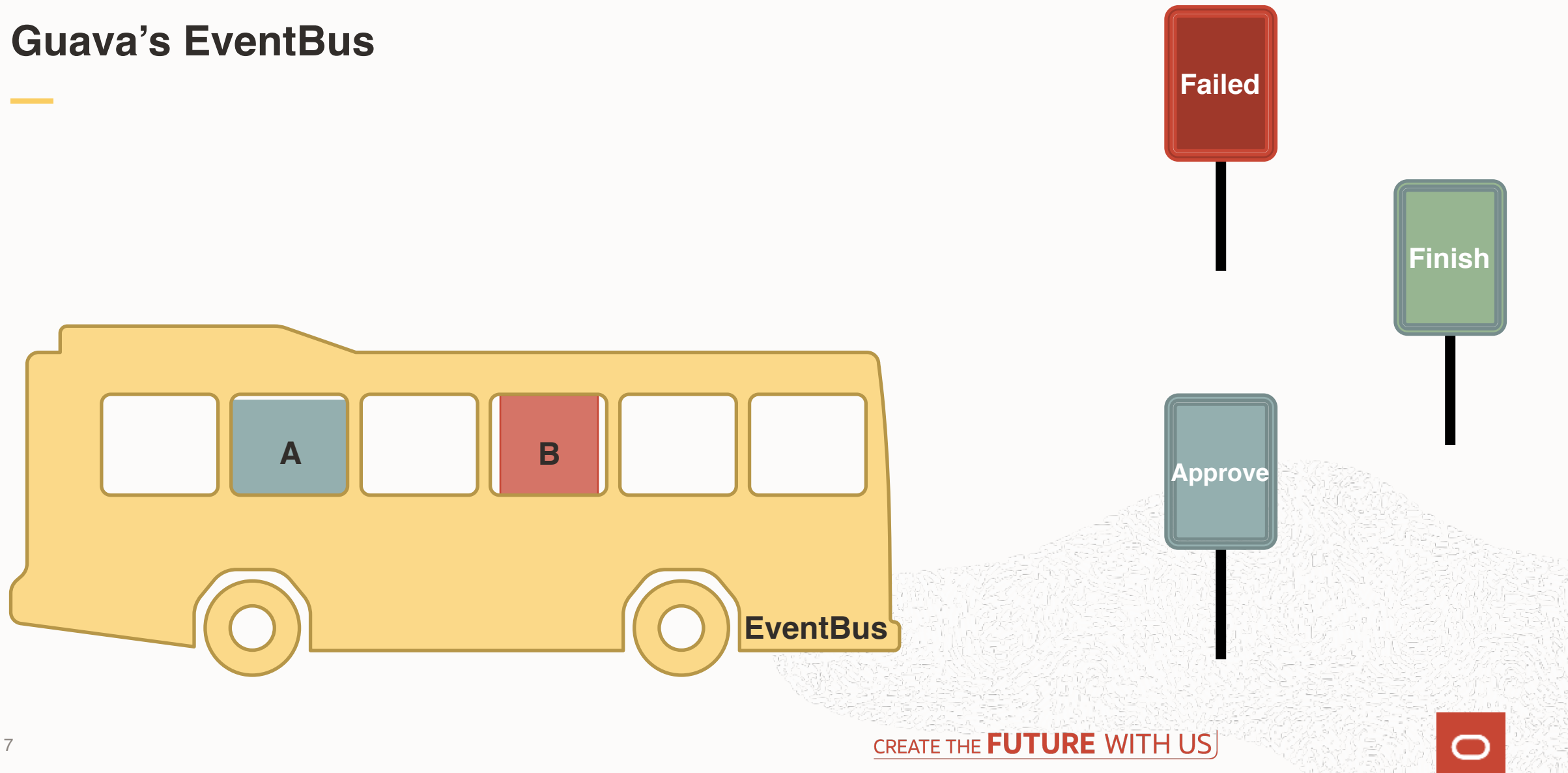
Deployment Update
 Phase [unstable](#) succeeded! 
Release Name: Aardvark

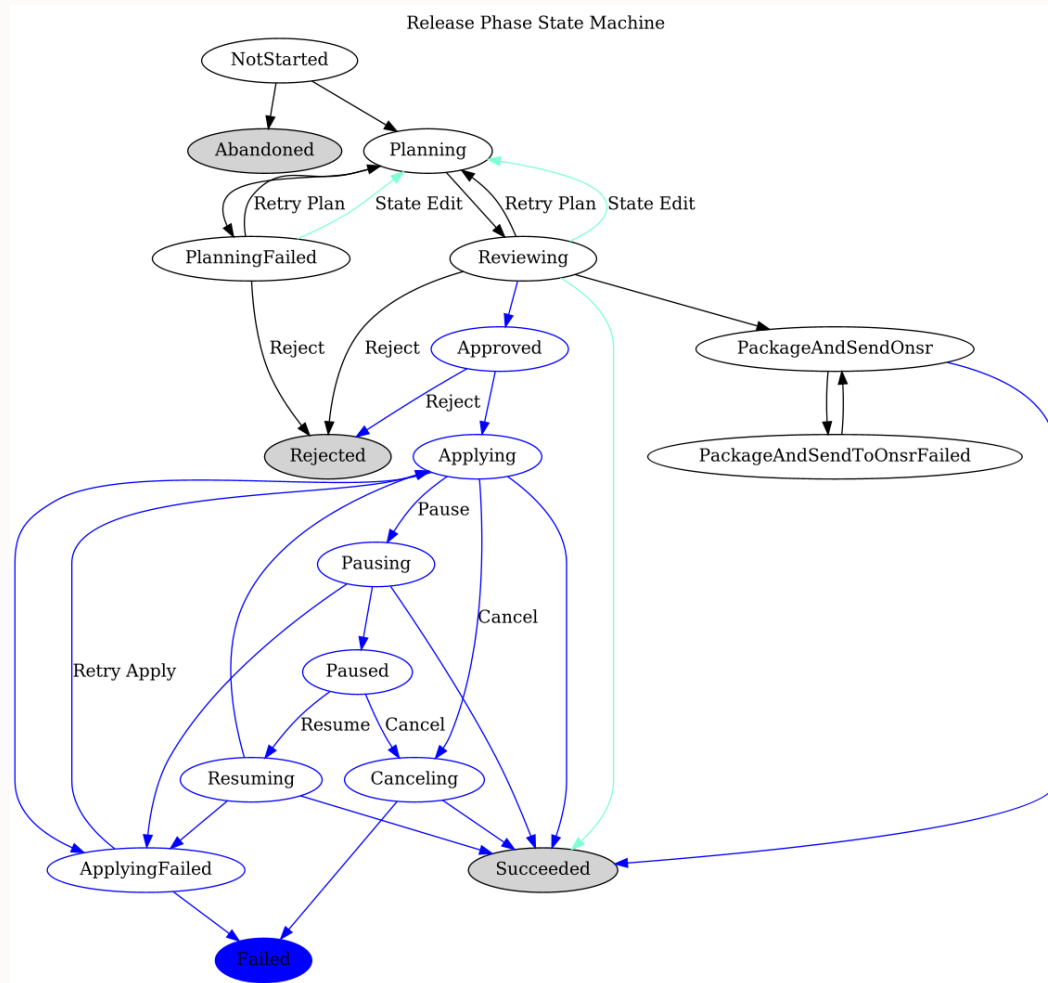
11:21 **Deployment Update**
 Phase [stable](#) requires review. 
Release Name: Aardvark

- Post messages using
Slack's Web API as
`@sheepdog`



How to Catch Events: Guava's EventBus





Stages in a Deployment Supported


1. PhasePackageAndSendToOnsrEvent
2. PhaseApprovedEvent
3. PhaseResumingEvent
4. PhasePausedEvent
5. PhaseApplyingFailedEvent
6. PhaseSucceededEvent
7. PhaseRetryApplyingEvent
8. PhaseFailedEvent
9. PhasePackageAndSendToOnsrFailedEvent
10. PhaseStateEditedEvent
11. PhasePlanningFailedEvent
12. PhaseReviewingEvent

How to Use SheepDog?

Insert into SlackSettingsTable!

ID	FlockID	Channel	Version
Unique Int	12334455	#channel	1

Thats it!





sheepdog APP10:02 AM

#channel



Deployment Update

Phase unstable with targets [unstable] approved by AUTO.
Release Name: Aardvark

Deployment Update

 Phase unstable succeeded! 
Release Name: Aardvark

Deployment Update

 Phase stable requires review. 
Release Name: Aardvark



Demo!

Recommendations for next Steps

- User Interface

Create Flock

Flock name

Managing compartment OCID

ocid1.tenancy.oc1..aaaaaaaai3nfs7abb5v42bro

Bitbucket URL

ssh://git@bitbucket.oc1.oraclecorp.com:7999/yx

Branch name

Search...

Configuration path

/

Slack Channel

#general

Create

- Customization

Approval

Finished

Failed

- Slack —> Shepherd

Preview of Autocomplete Entry

Commands matching "flockstatus"

SheepBotTest

/flockstatus [project id] [flock id] Flock status

+ /flockstatus



Intern Experience



- Java
- Databases
- Testing
- Code Consistency
- Teamwork vs Independence
- Slack API

- Meet new people
- Team Fun
- Intern Fun

Questions?

Thank You!

