ORACLE

CREATE THE
FUTURE
WITH US

Slack Integration: SheepDog

ThuyVy Nguyen, Shepherd

Dave Wilson, Manager
Christian Czar, Mentor

Shepherd
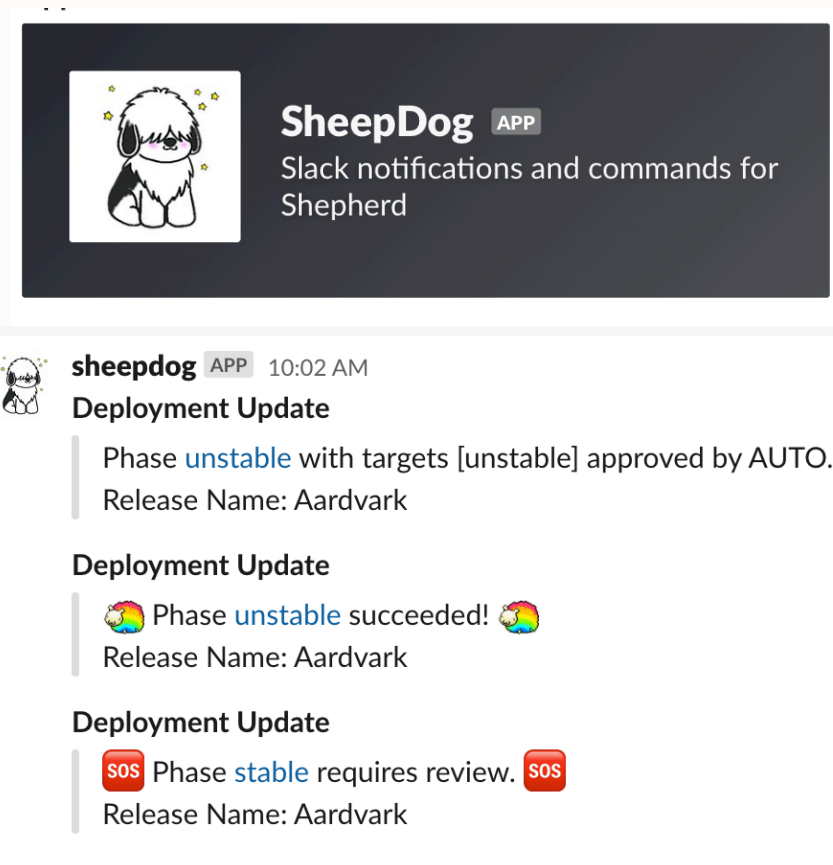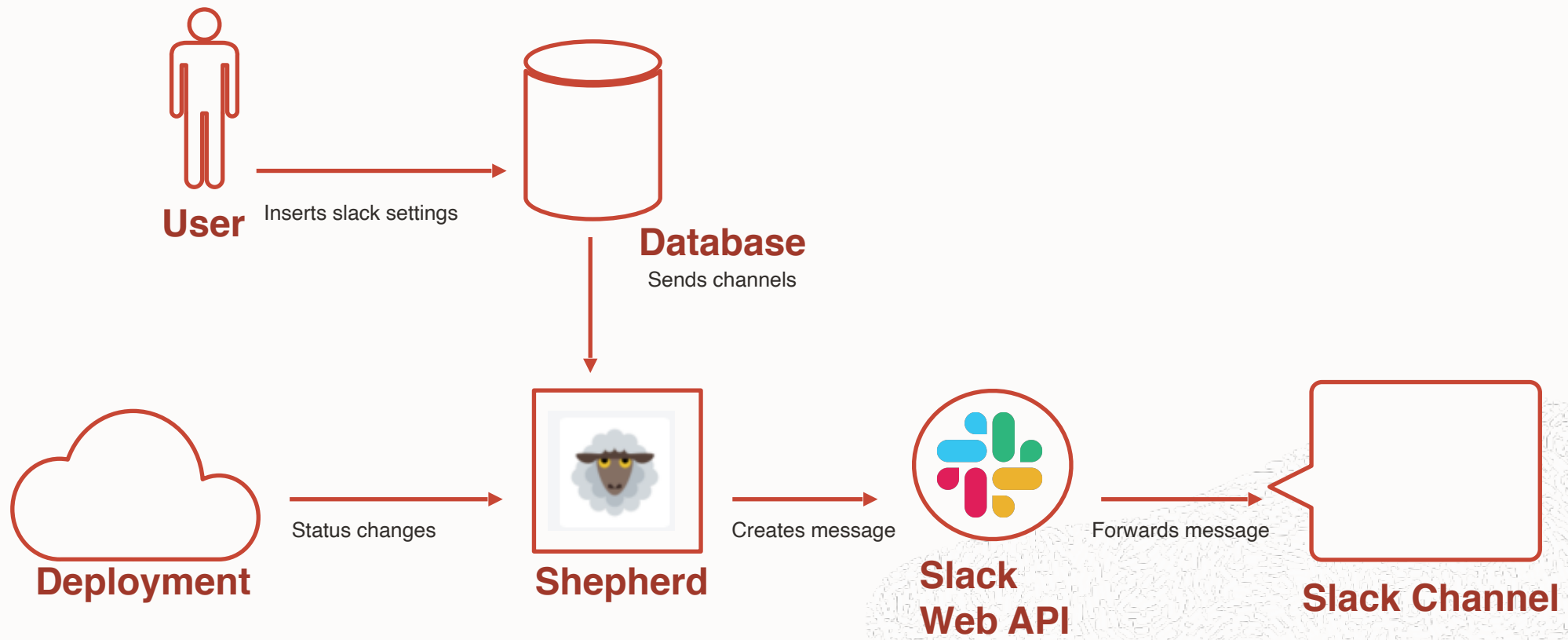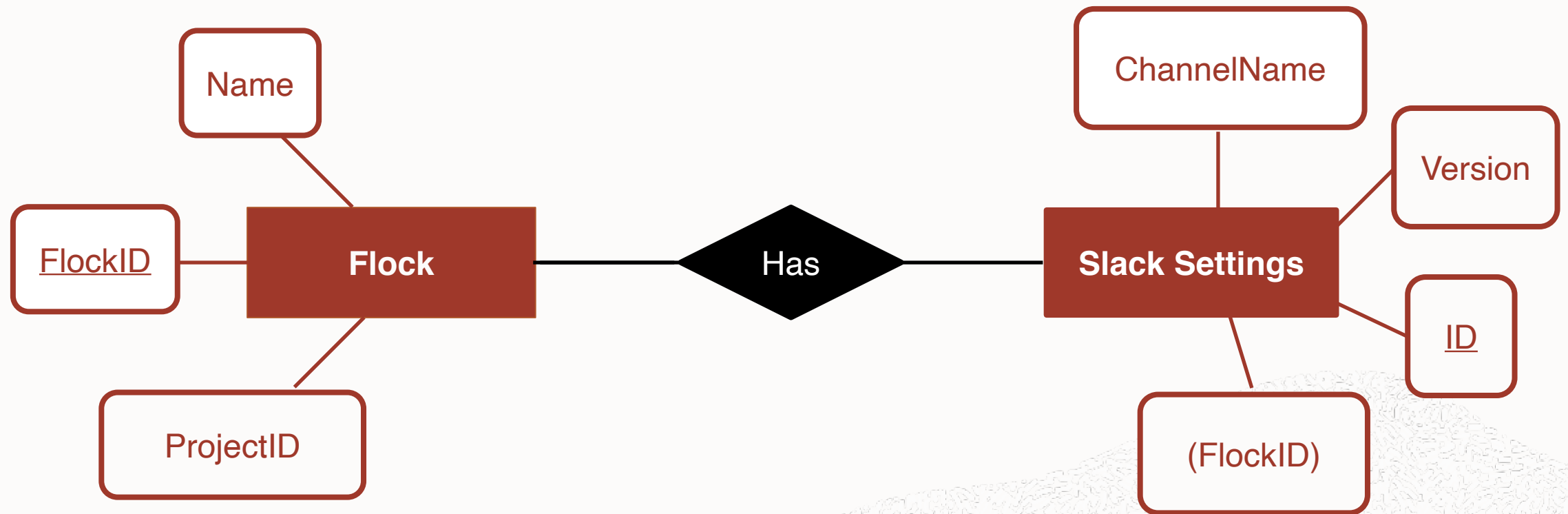
Meet SheepDog!

- SlackBot

- Watchdog for Shepherd Deployments

- Posts deployment updates on Slack

How does
SheepDog work?

User — Inserts slack settings → Database — Sends channels → Shepherd

Deployment — Status changes → Shepherd — Creates message → Slack Web API — Forwards message → Slack Channel

CREATE THE **FUTURE** WITH US

Databases

CREATE THE **FUTURE** WITH US

Slack

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

How to Catch Events:
Guava's EventBus

CREATE THE **FUTURE** WITH US

Release Phase State Machine
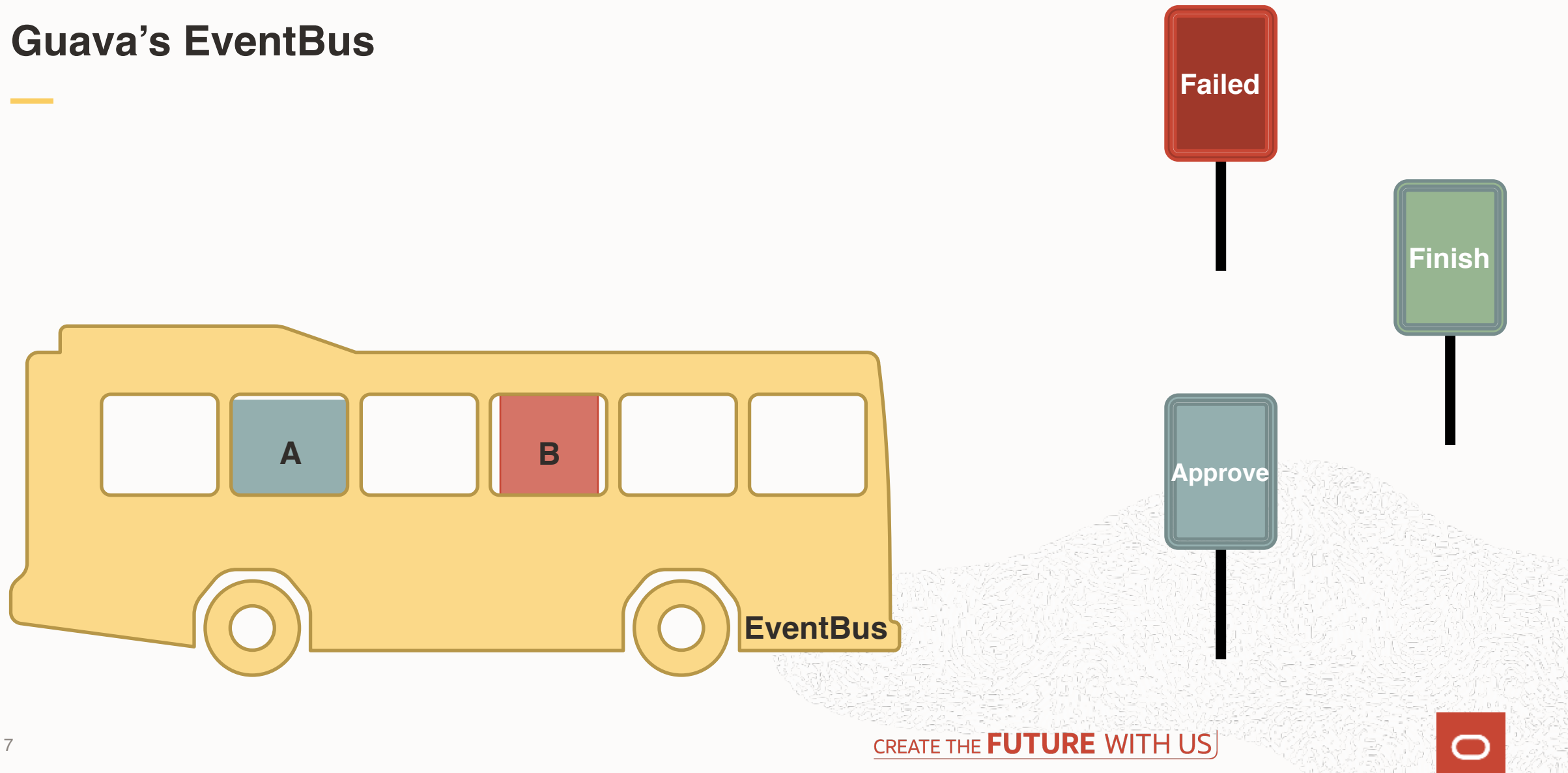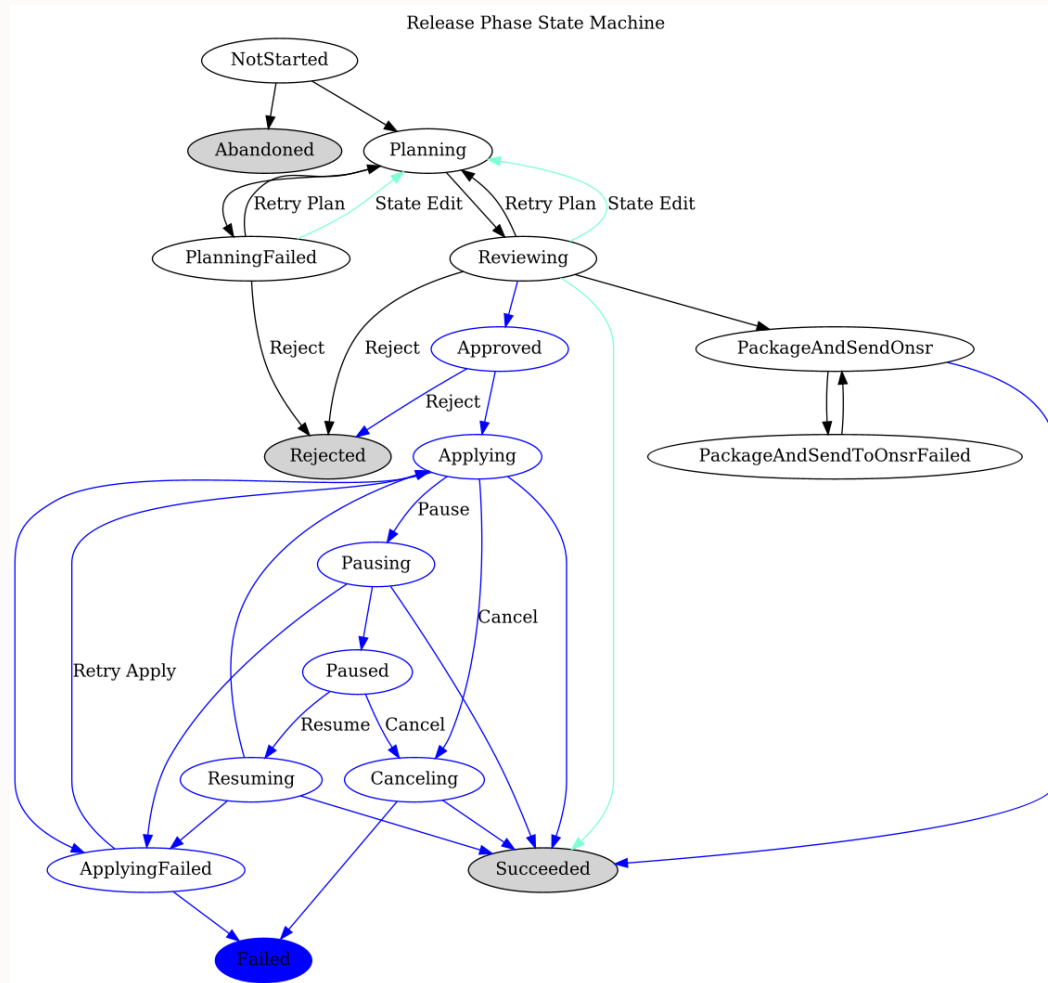
Stages in a Deployment Supported

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!

Demo!

Recommendations for next Steps

- **User Interface**

- **Customization**

- **Slack —> Shepherd**

CREATE THE **FUTURE** WITH US

Intern Experience

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

- Meet new people
- Team Fun
- Intern Fun

CREATE THE **FUTURE** WITH US

Questions?

Thank You!