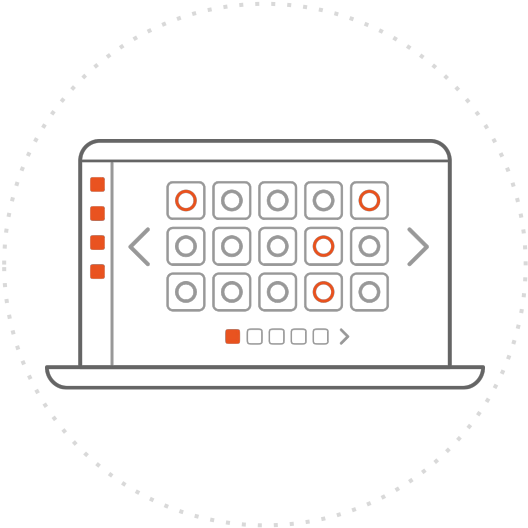
Juju & Model Driven Operations

An Introduction

Jon Seager / @jnsgruk

Canonical Ubuntu



Open source is the new mainstream

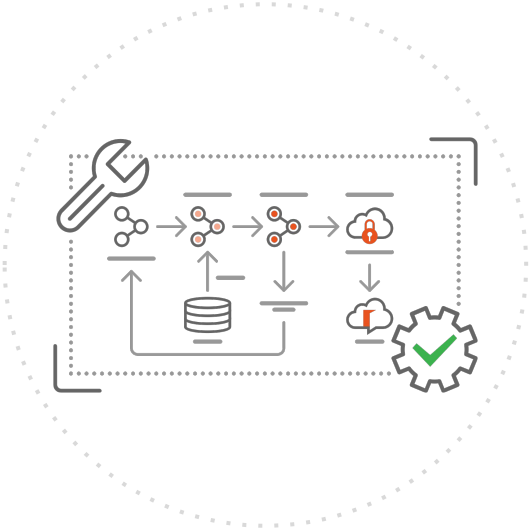
There has never been so much choice

Availability of world-class applications

Now you *just* need to…

Compose it with other applications

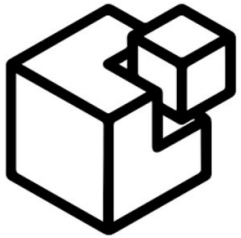
Integrate across clouds and networks



And then the work really begins

You need to **operate & support** it

But isn't this already solved?

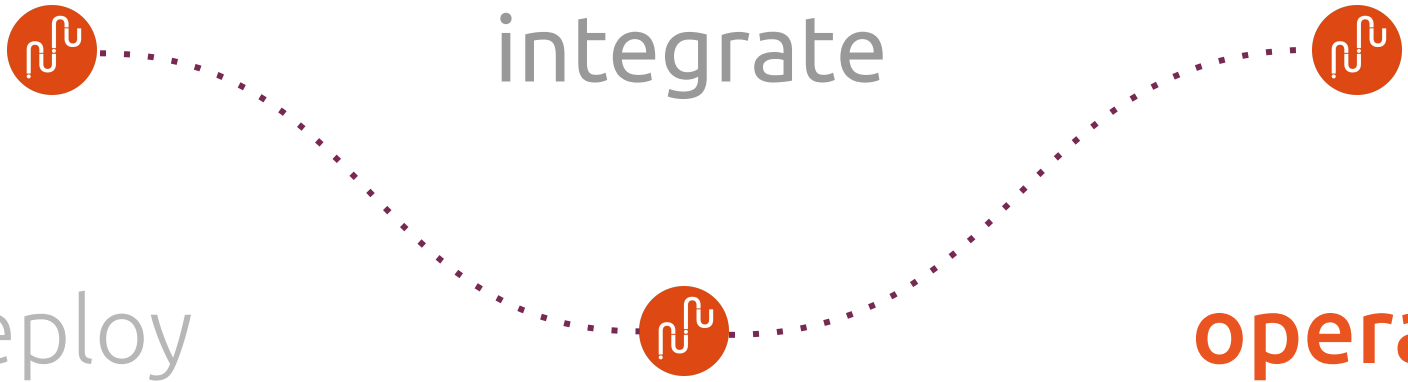


Application code is open source.

But where is the operations code?

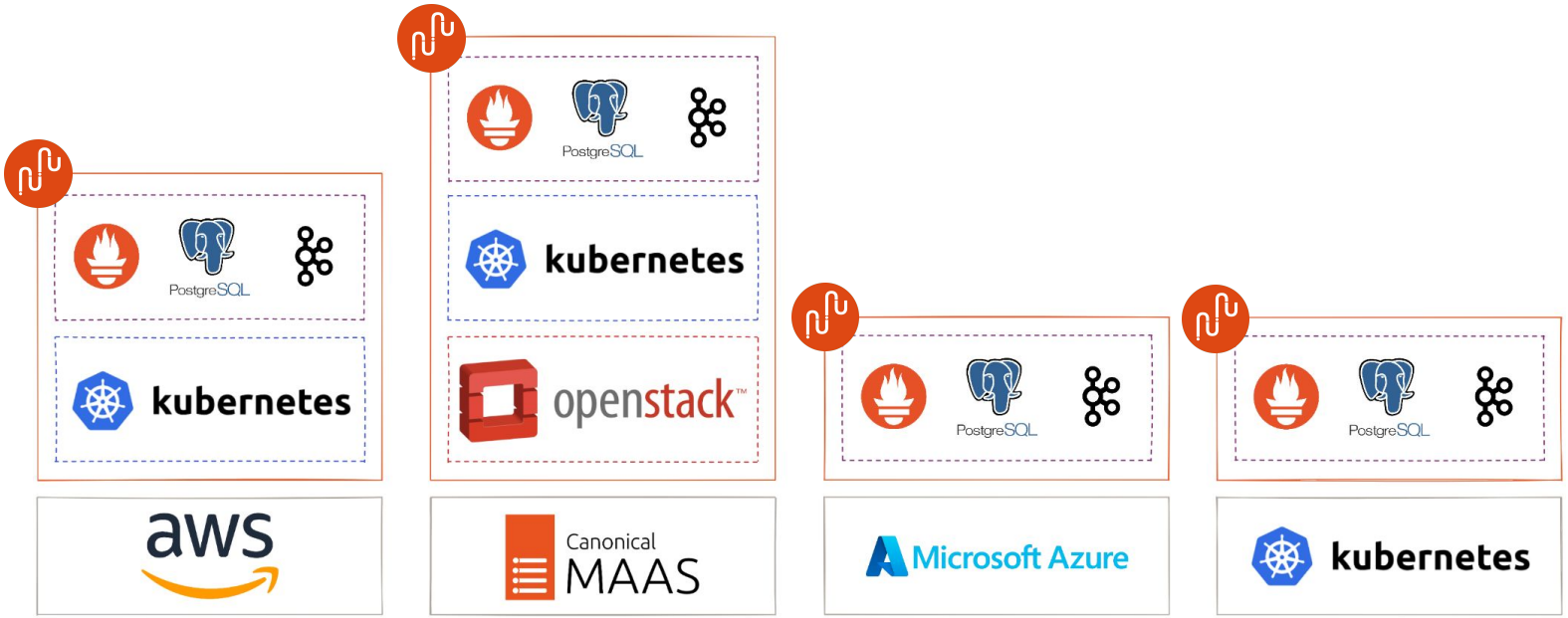
for any

- application
- scale
- platform
- substrate

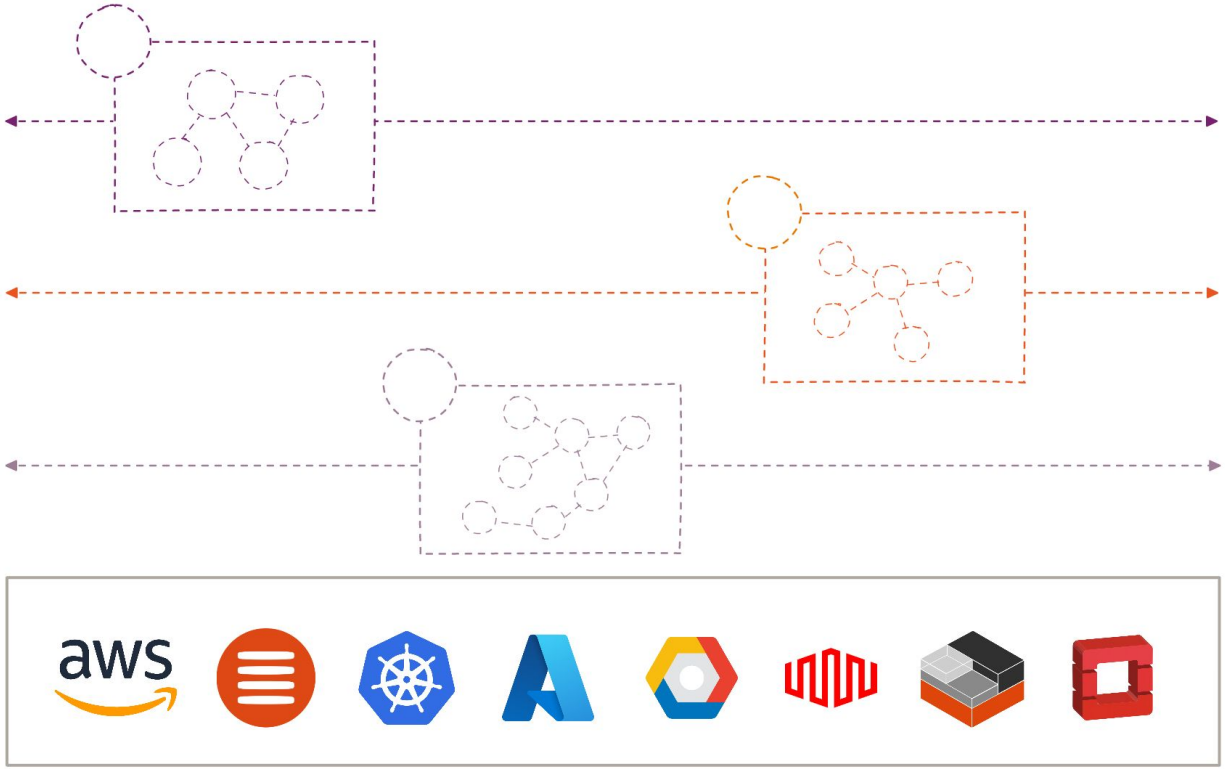

integrate
deploy
operate

Deploy	Integrate	Operate
install	mysql	backup
config	traefik	restore
upgrade	kafka	scan
scale	prometheus	reset
	grafana	dump-config
	redis	verify-signatures
	mongo	reload
	...	...
	...	...
	...	...

Flexible & composable



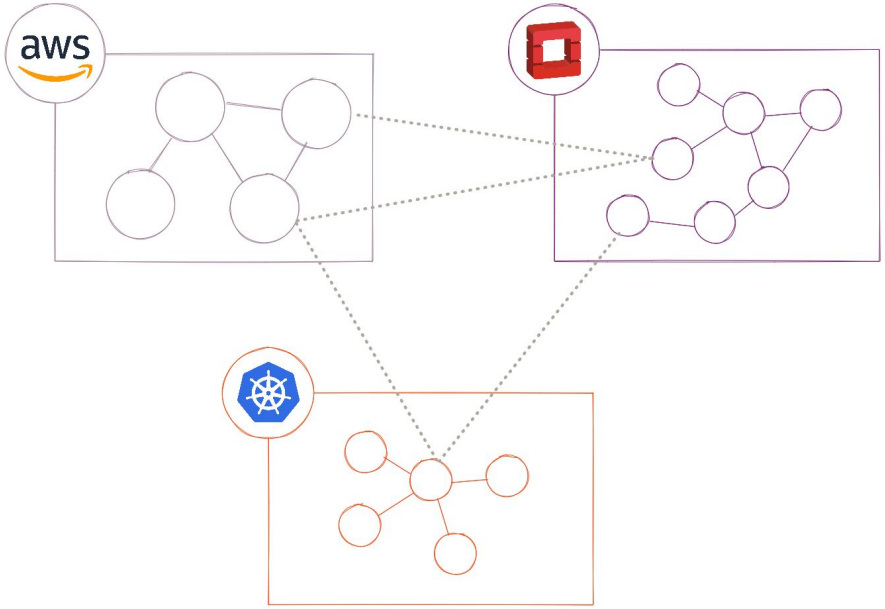
True portability



Seamless

multi-cloud

integrations



Great applications

Better bundles

Kubeflow

charmed-kubeflow.io

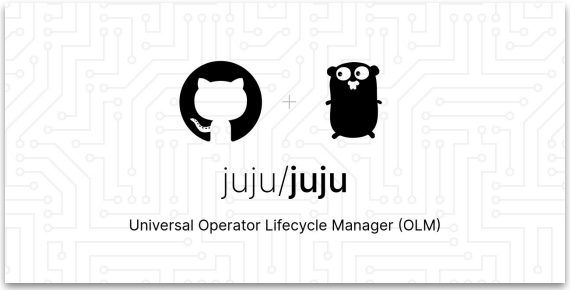
Observability

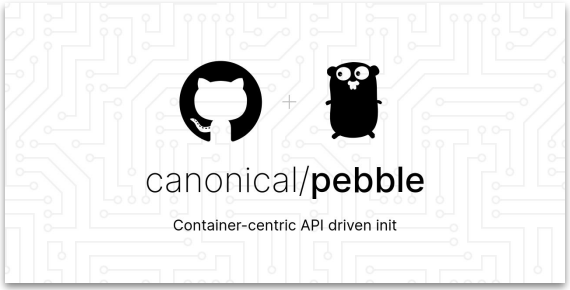
juju.is/docs/cos

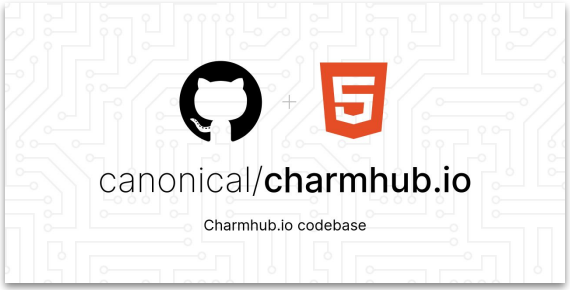
Magma

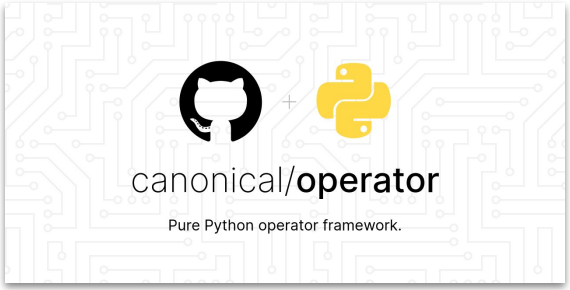
charmhub.io/magma-orcr8r

Fully open source









Get involved!

Charmhub

charmhub.io

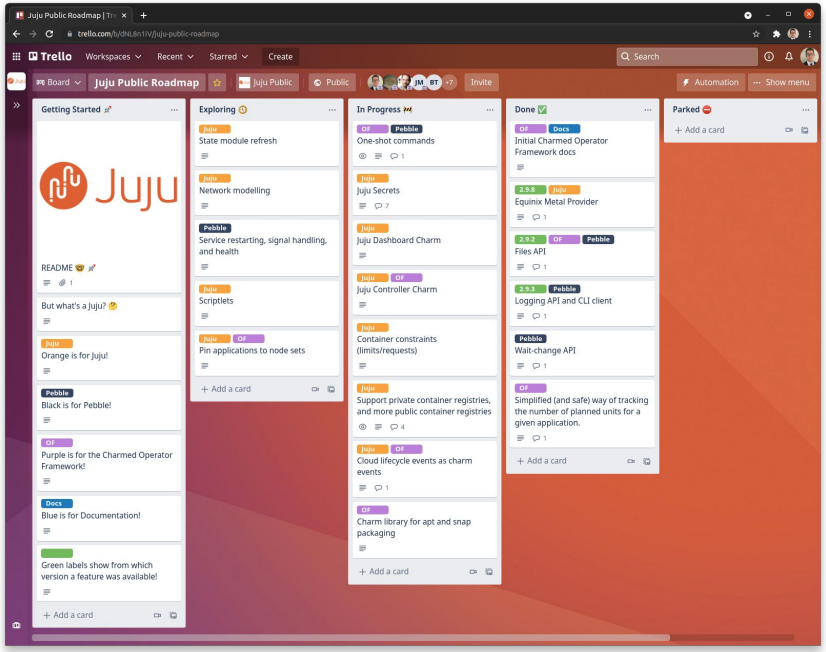
Forum

discourse.charmhub.io

Chat

chat.charmhub.io

Public Roadmap



juju.is/docs/roadmap

Questions?