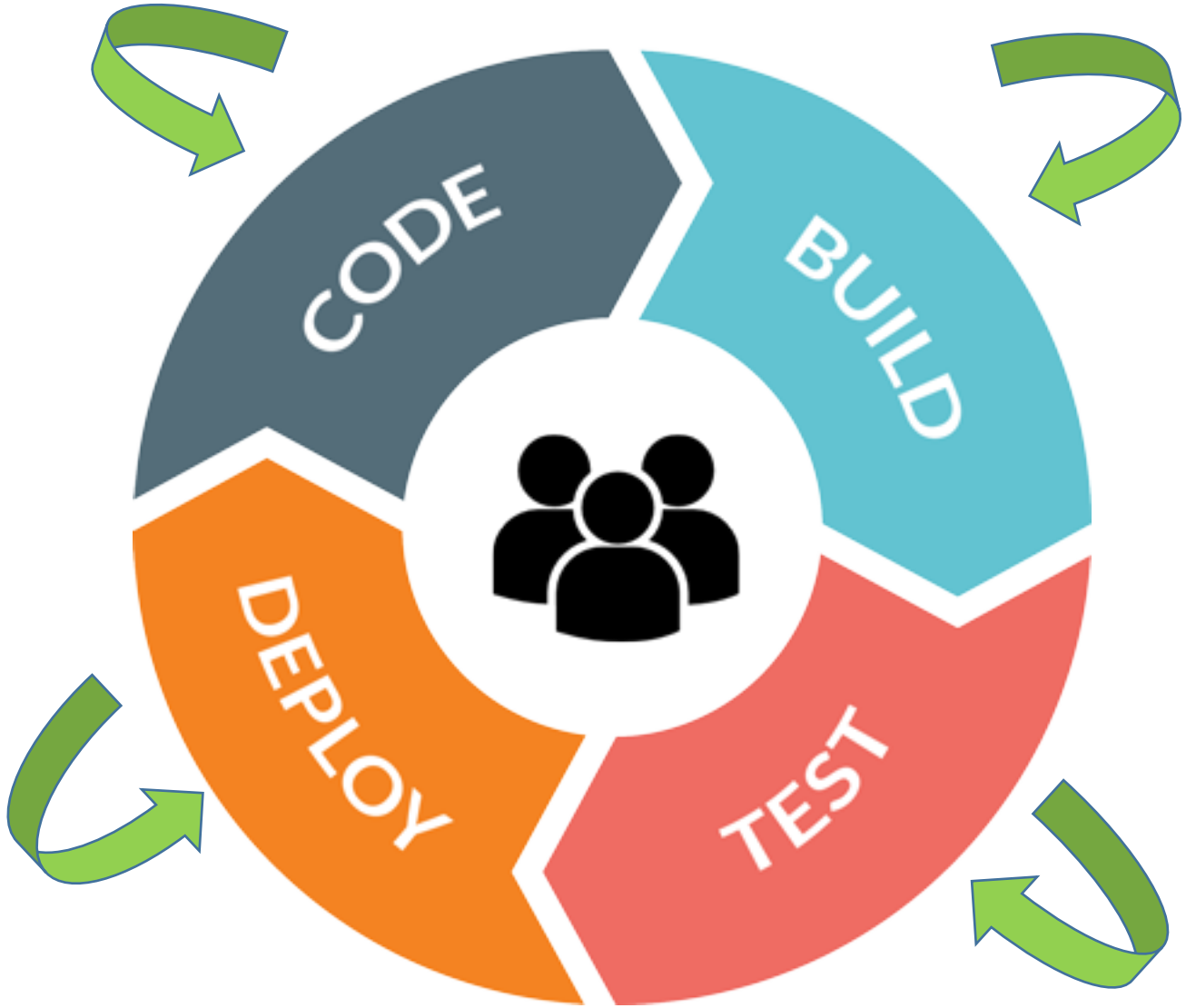
CİMRİ 2017

Halid Busayr Ceylan / DevOps

from DEV environment to PROD

NEW STYLE



Inventory

Jenkins

Apache MESOS™

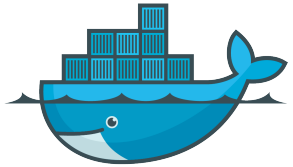
MARATHON

ANSIBLE

CHRONOS

Apache Zookeeper

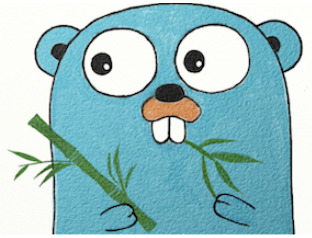
PRIVATE DOCKER CONTAINER IMAGES



docker

React

node



Bamboo HAProxy

Bitbucket

Scala

Java

Elastic Load Balancer

Amazon S3

redis

cassandra

NGINX

VPC peering

Apache Solr

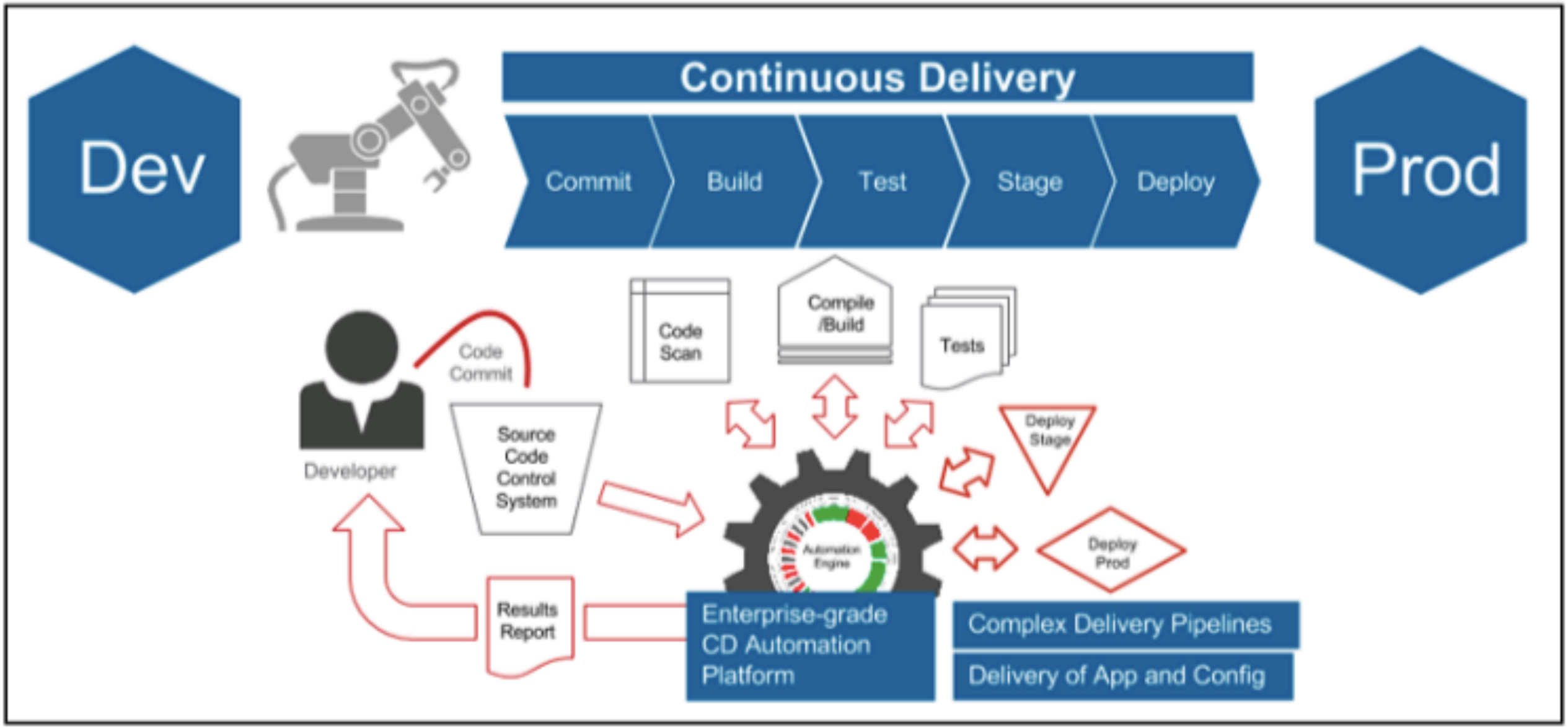
Amazon Route 53

JFrog Artifactory

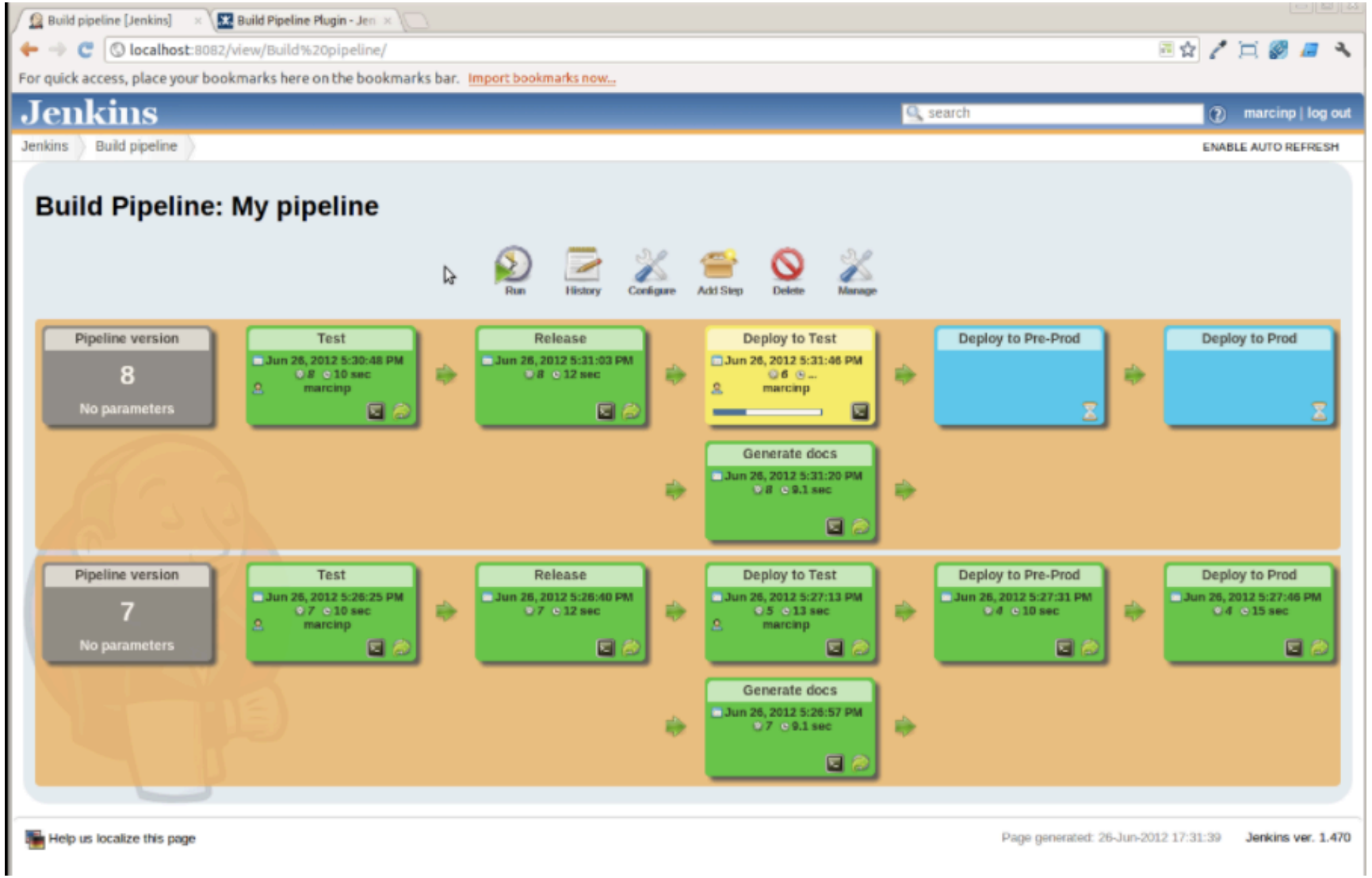
Amazon Kinesis

Amazon EC2

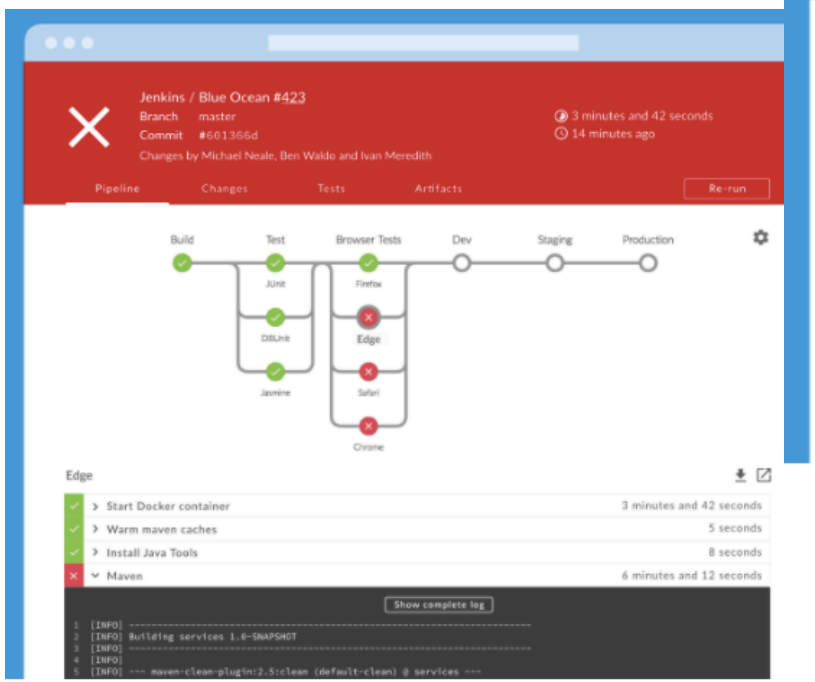
Jenkins Workflow

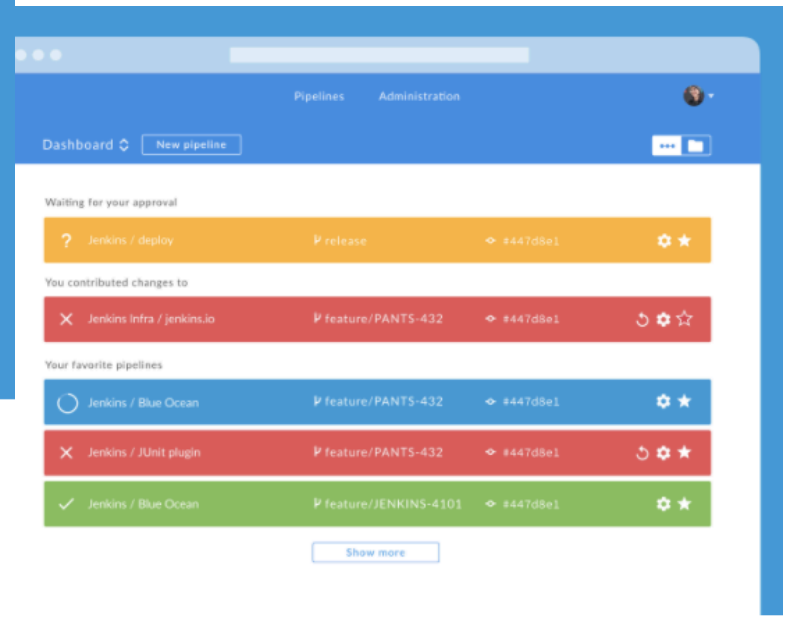


Jenkins-Pipeline

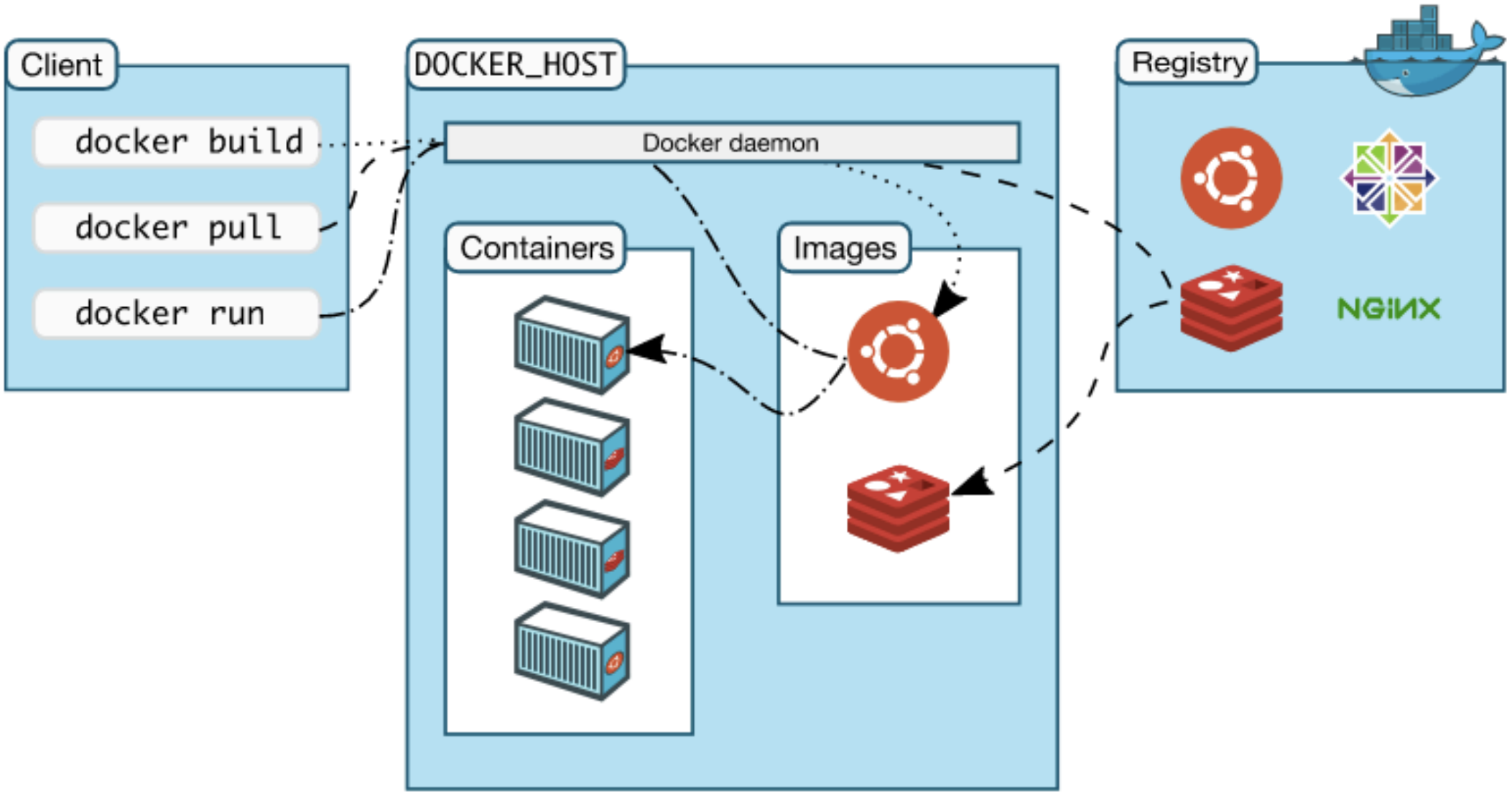


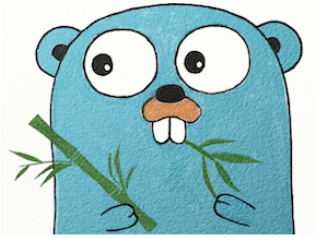
Jenkins-BlueOcean



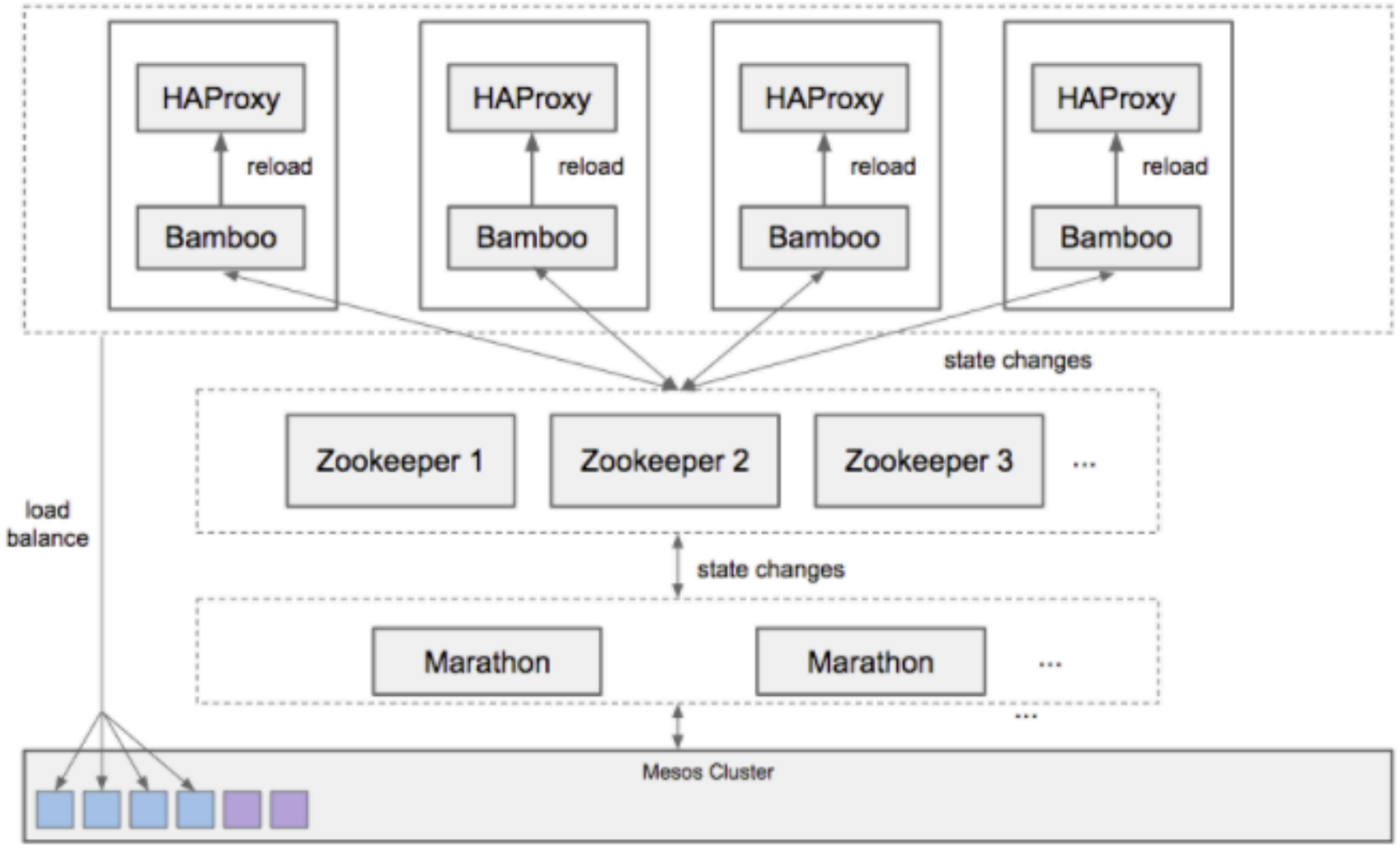


Docker-Workflow

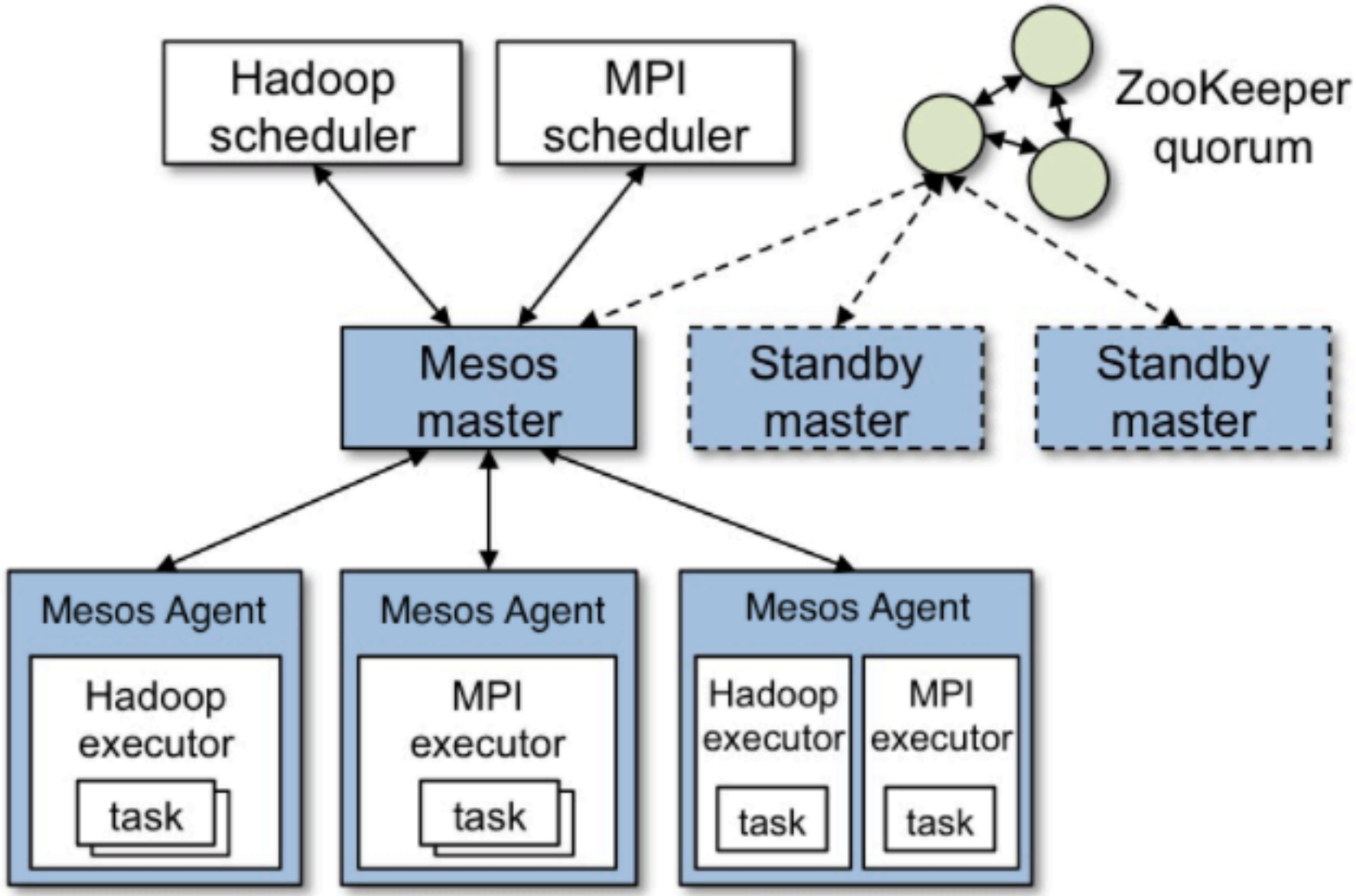




Bamboo HA Proxy



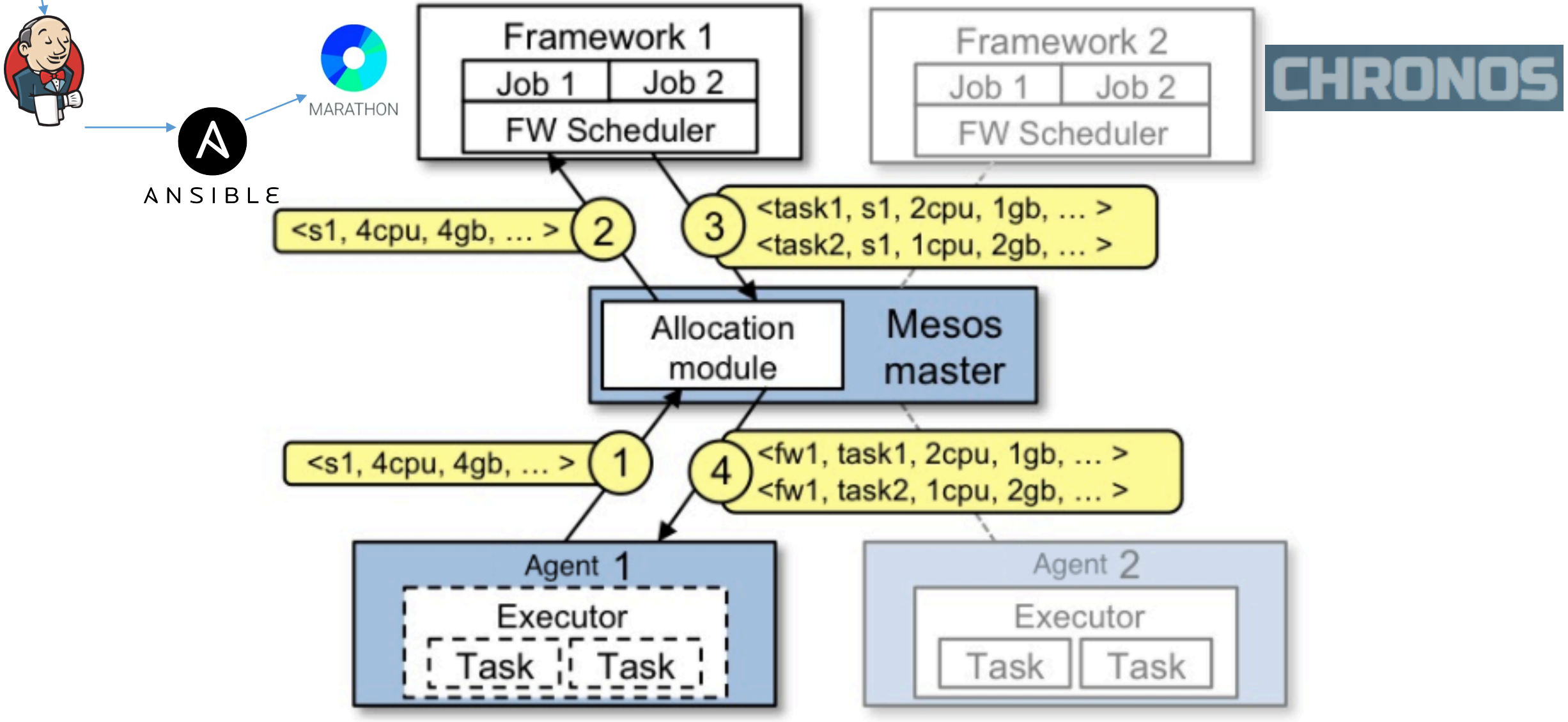
Mesos Architecture



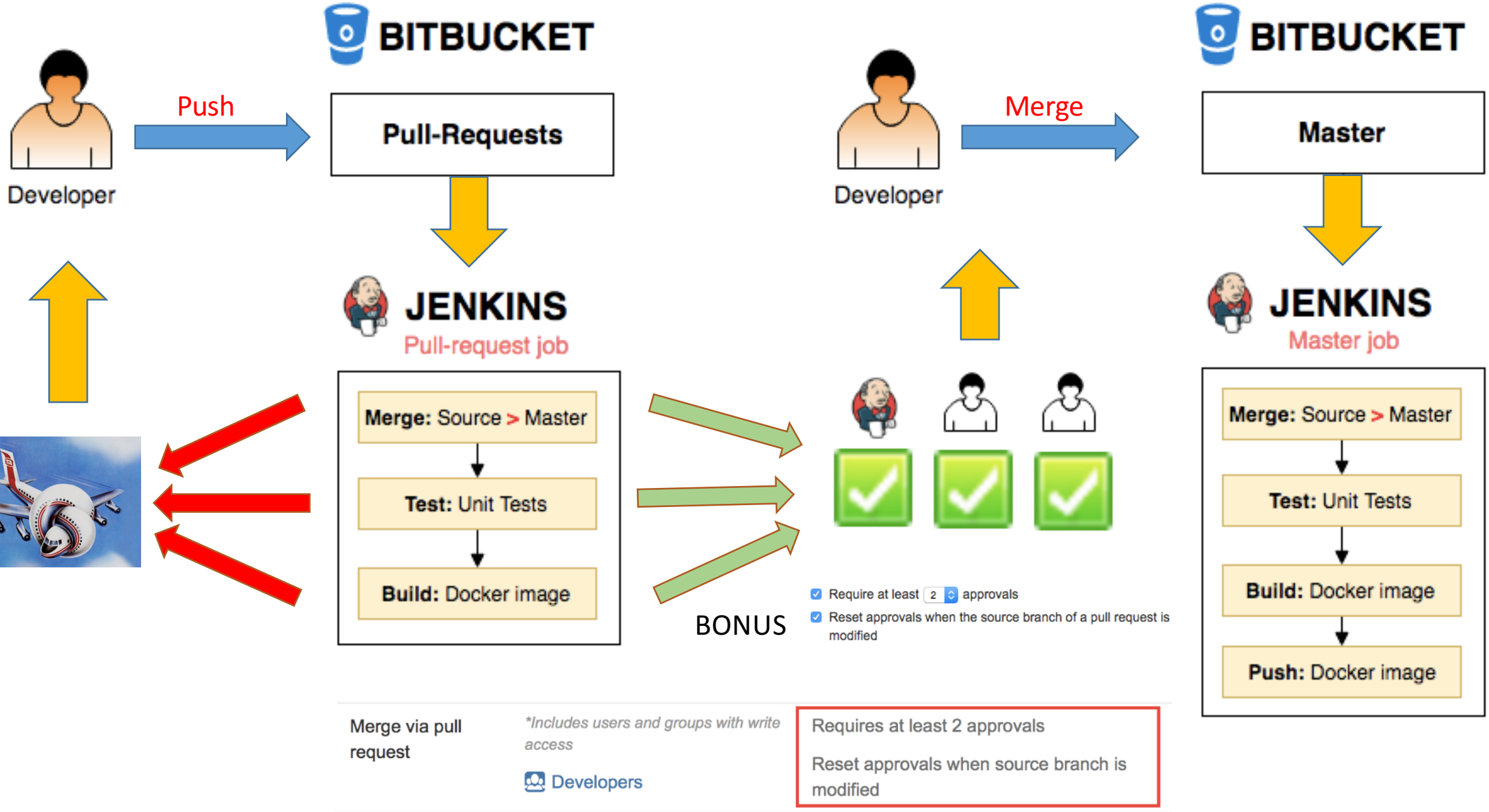
Bitbucket

Example of resource offer

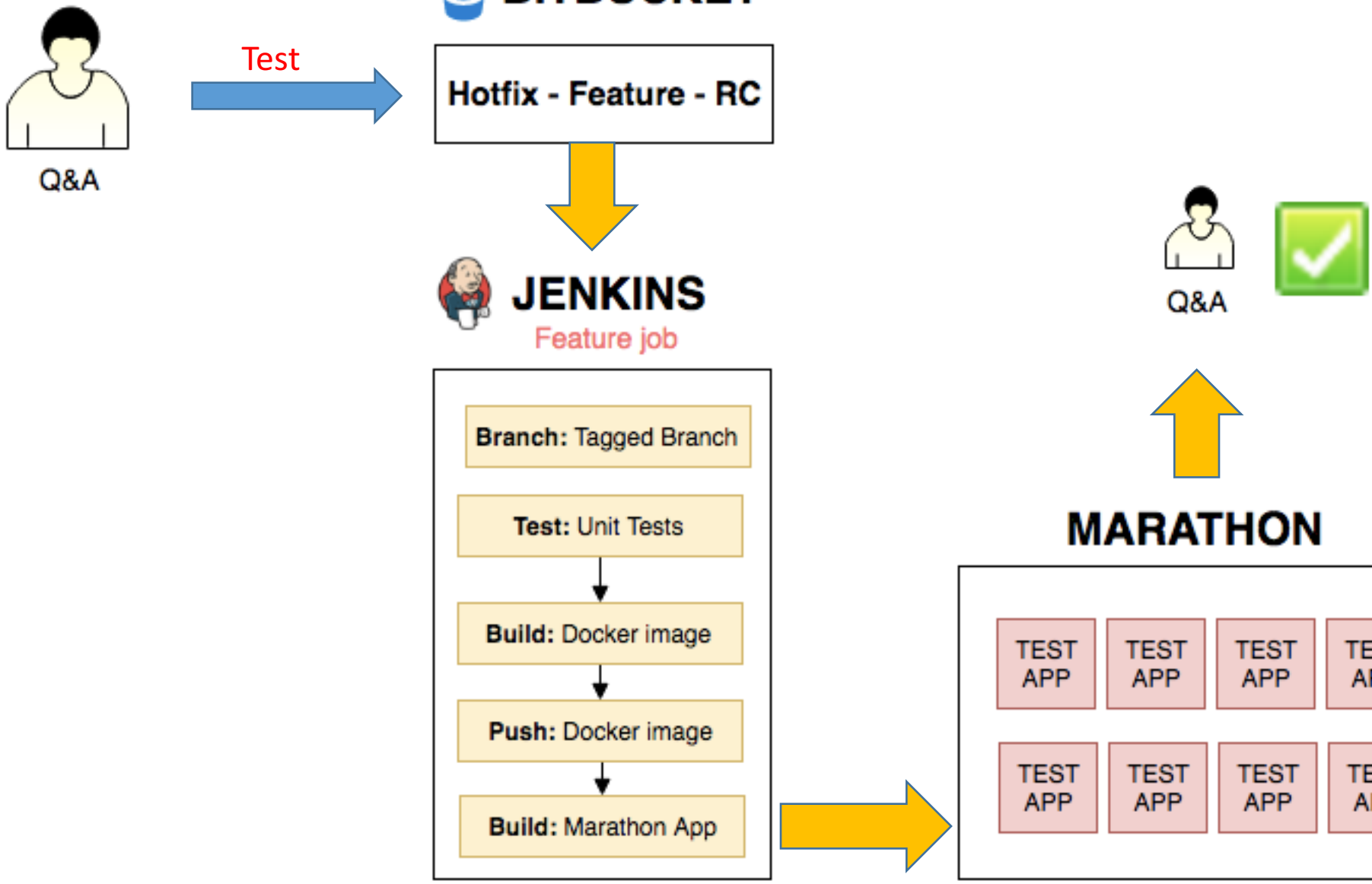
The figure below shows an example of how a framework gets scheduled to run a task.

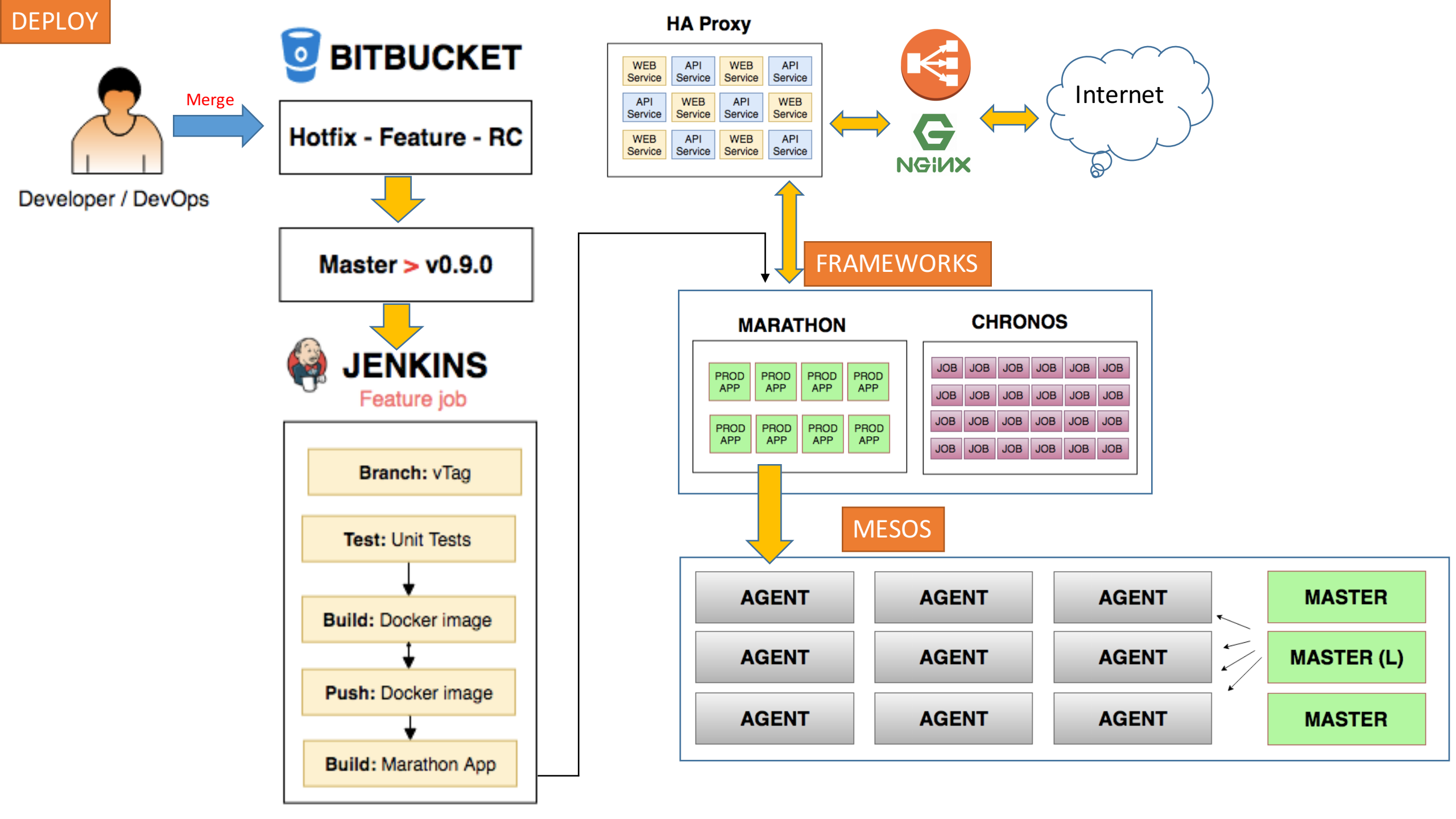


CODE and BUILD



TEST


Q&A
Test
BITBUCKET
Hotfix - Feature - RC
JENKINS
Feature job
Branch: Tagged Branch
Test: Unit Tests
Build: Docker image
Push: Docker image
Build: Marathon App
Q&A
MARATHON
TEST APP
TEST APP
TEST APP
TEST APP
TEST APP
TEST APP
TEST APP
TEST APP


DEPLOY
Developer / DevOps
Merge
BITBUCKET
Hotfix - Feature - RC
Master > v0.9.0
JENKINS
Feature job
Branch: vTag
Test: Unit Tests
Build: Docker image
Push: Docker image
Build: Marathon App
HA Proxy
WEB Service
API Service
NGINX
Internet
FRAMEWORKS
MARATHON
PROD APP
CHRONOS
JOB
MESOS
AGENT
MASTER
MASTER (L)

YORUM – SORU - CEVAP

Thank You!