

# Creating Docker Release Images

---



**Justin Menga**

FULL STACK TECHNOLOGIST

@jmenga [pseudo.co.de](https://pseudo.co.de)

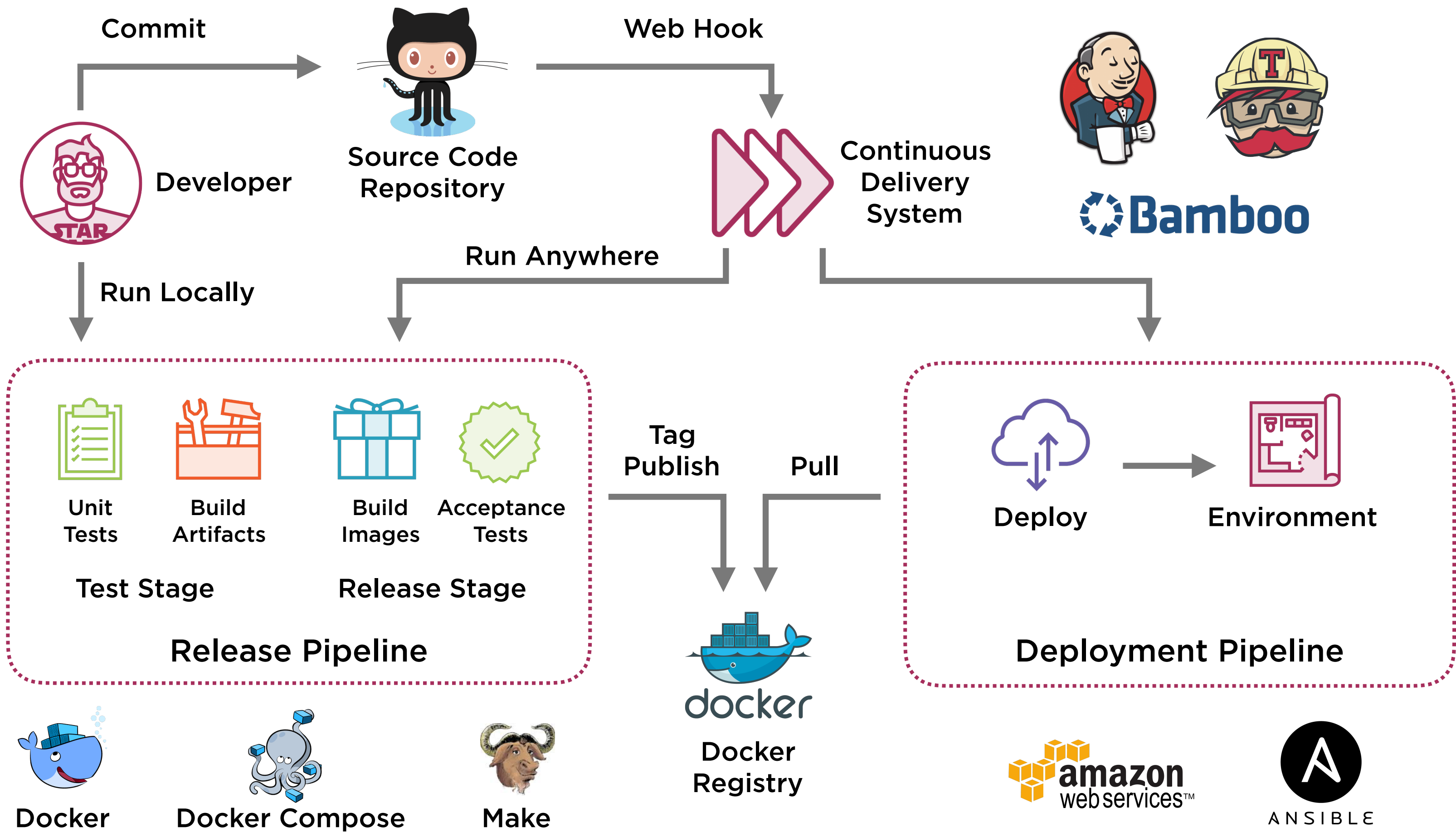
# Introduction

## **Creating Docker Release Images**

- Continuous delivery architecture
- Release pipeline workflow
- Test stage
- Release stage
- Tagging and publishing release images

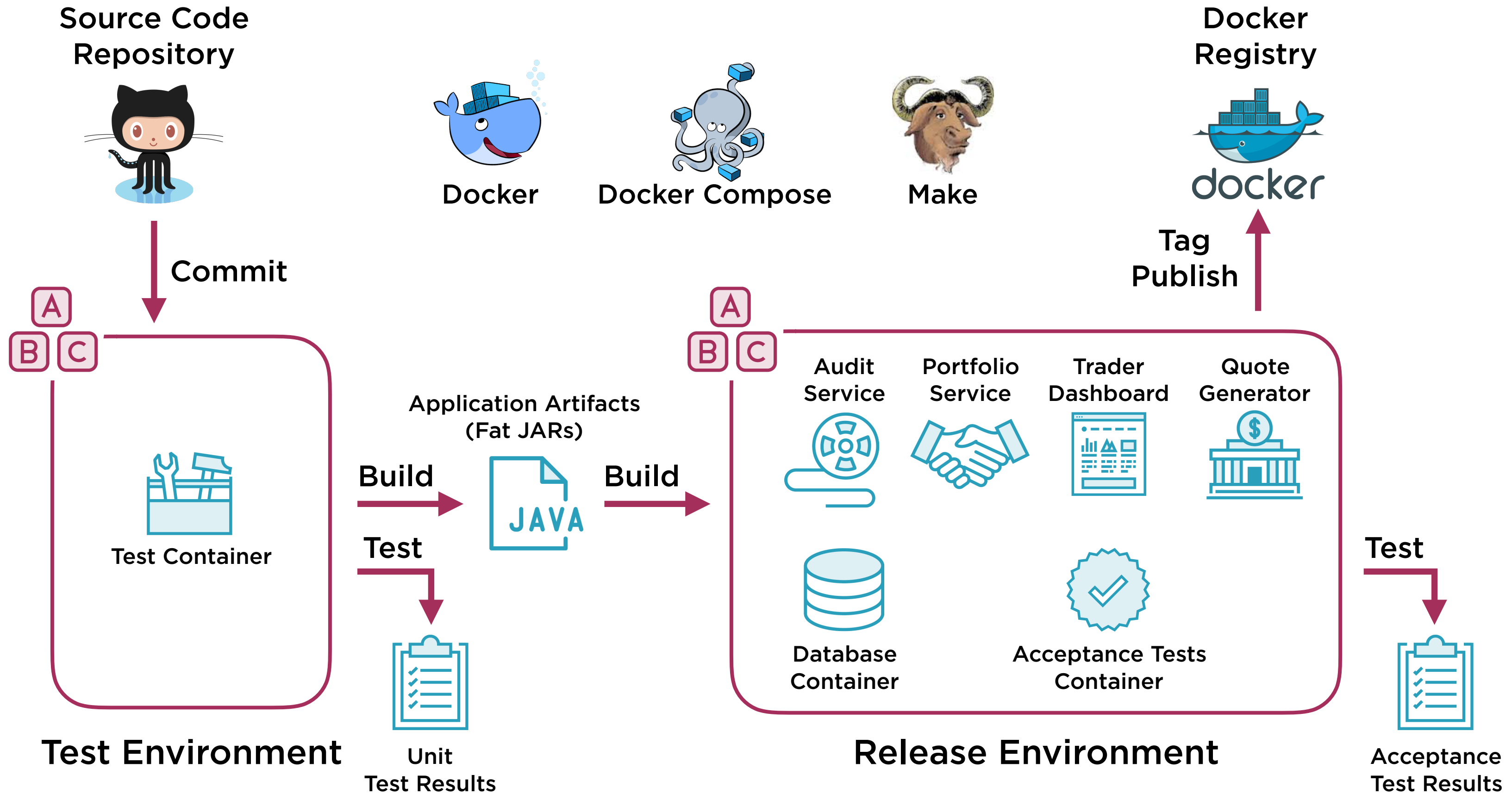
# Continuous Delivery Architecture

---



# Release Pipeline Workflow

---



# Workflow Specifications

---

# Understanding the Test Stage

---

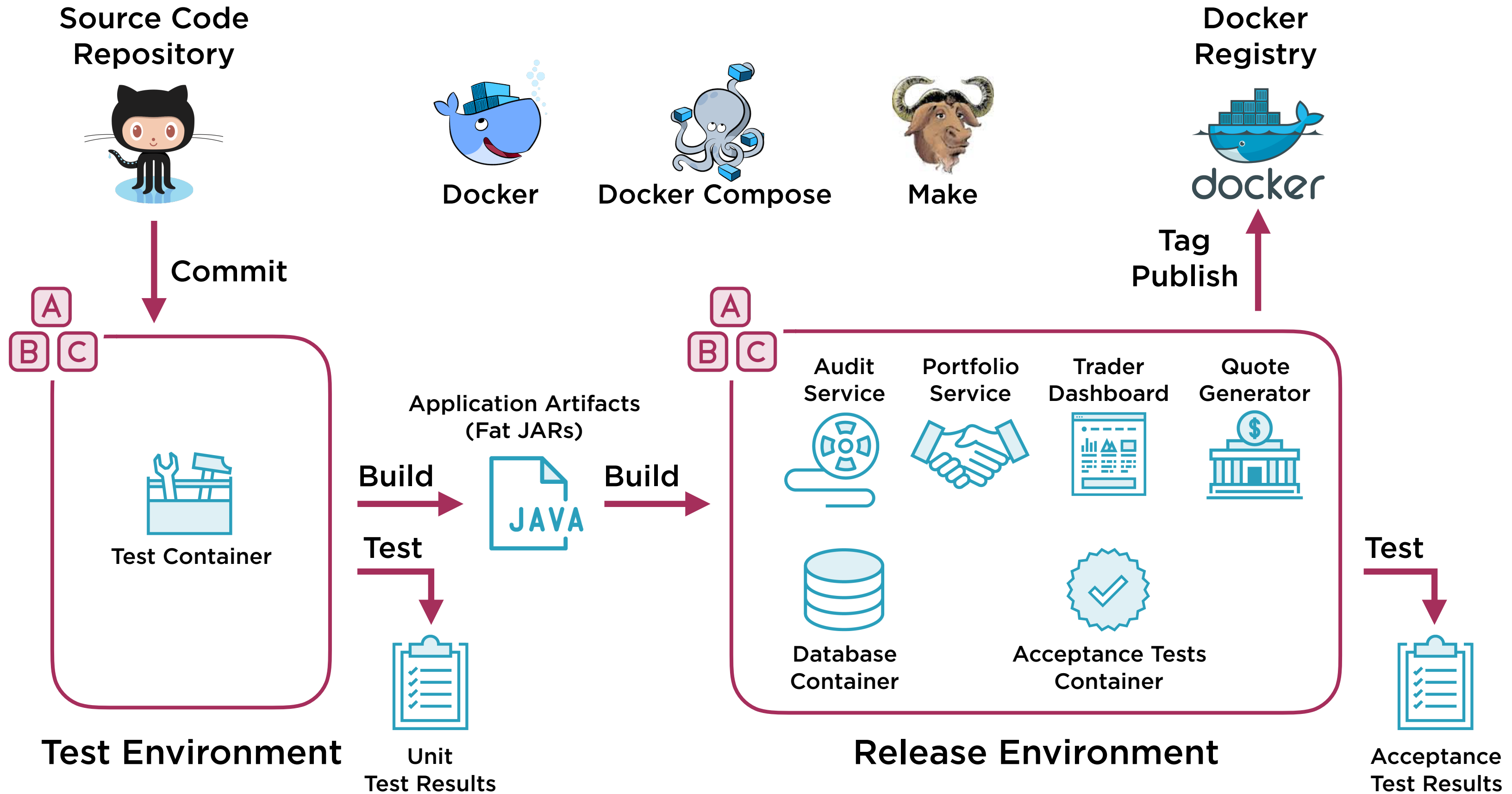


# Running the Test Stage

---

# Understanding the Base Image

---



## Base Image



### Base Layers

Java Runtime  
Shared Configuration  
Default Entrypoint

# Docker Image Hierarchy



**Audit  
Service**



**Portfolio  
Service**



**Trader  
Dashboard**



**Quote  
Generator**

### Base Layers

Java Runtime  
Shared Configuration  
Default Entrypoint

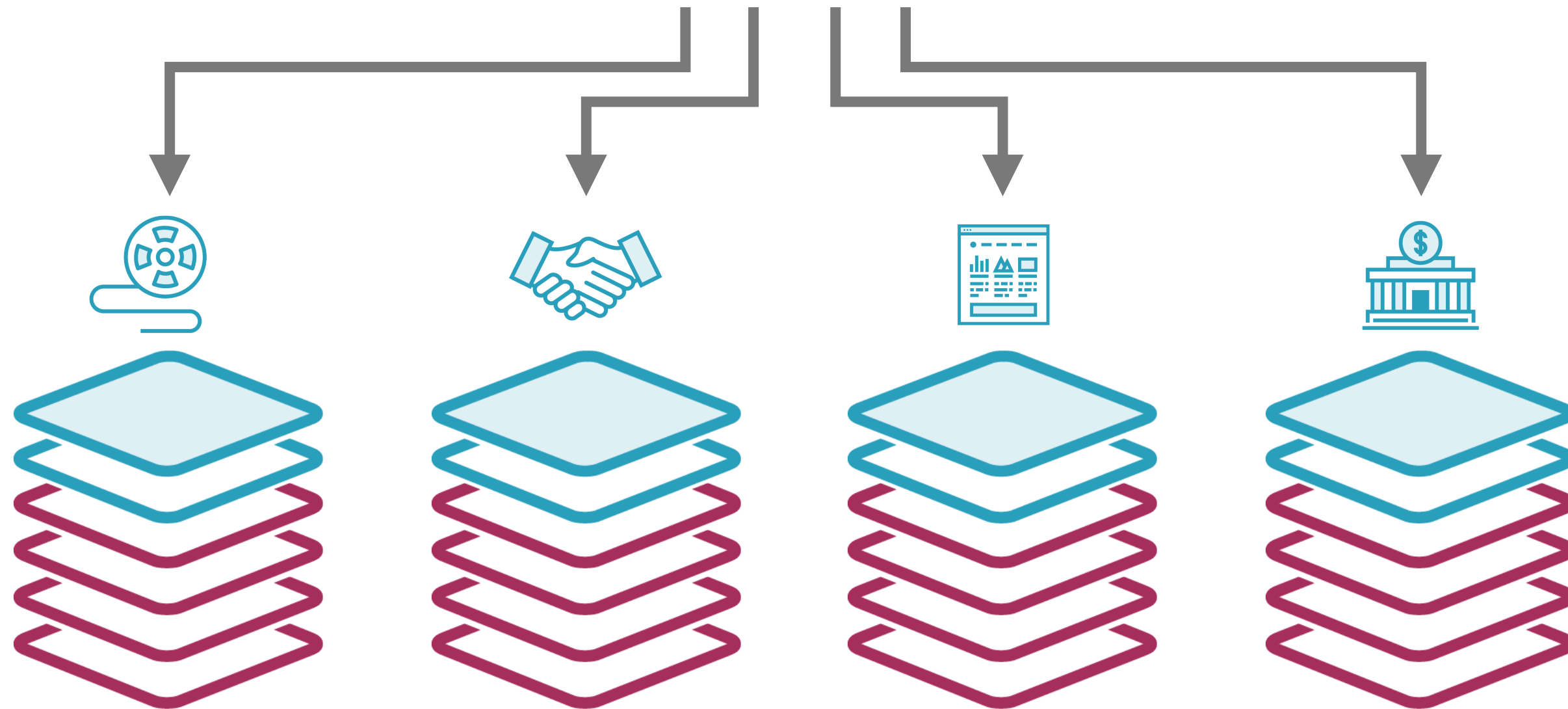
## Base Image



### Base Layers

Java Runtime  
Shared Configuration  
Default Entrypoint

# Docker Image Hierarchy



**Audit  
Service**

**Portfolio  
Service**

**Trader  
Dashboard**

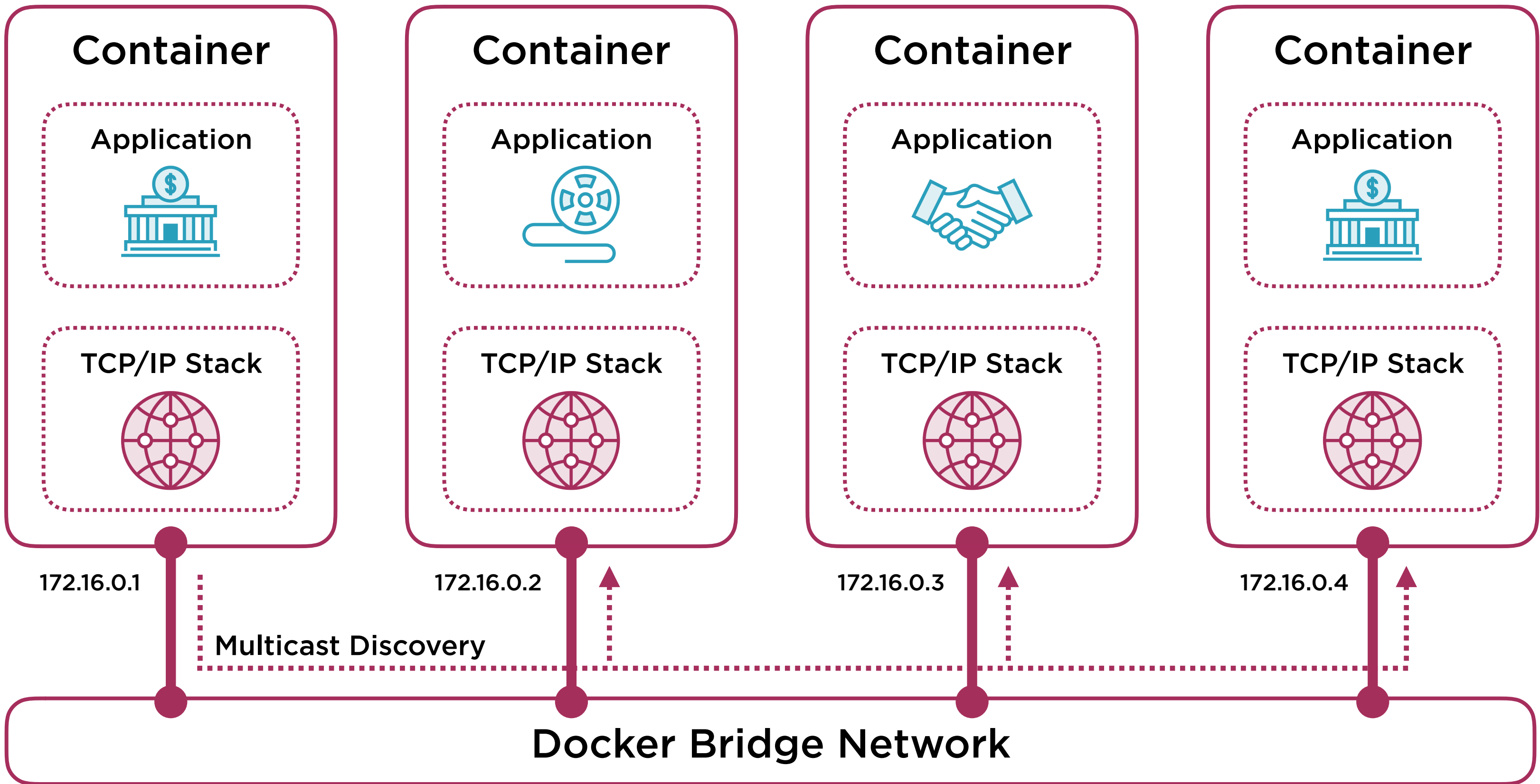
**Quote  
Generator**

### Application Layers

Application Artifact(s)  
Application Configuration

### Base Layers

Java Runtime  
Shared Configuration  
Default Entrypoint



# Understanding the Release Stage

---

# Running the Release Stage

---



# Tagging and Publishing Release Images

---

# Summary

## **Release Pipeline Workflow**

- Creates Docker release images
- Feeds deployment pipelines
- Environment and application agnostic
- Docker, Docker Compose and Make

## **Release Pipeline Stages**

- Test
- Release
- Tag and Publish