Spring Boot Docker Tutorial

Ramesh Fadatare (Java Guides)
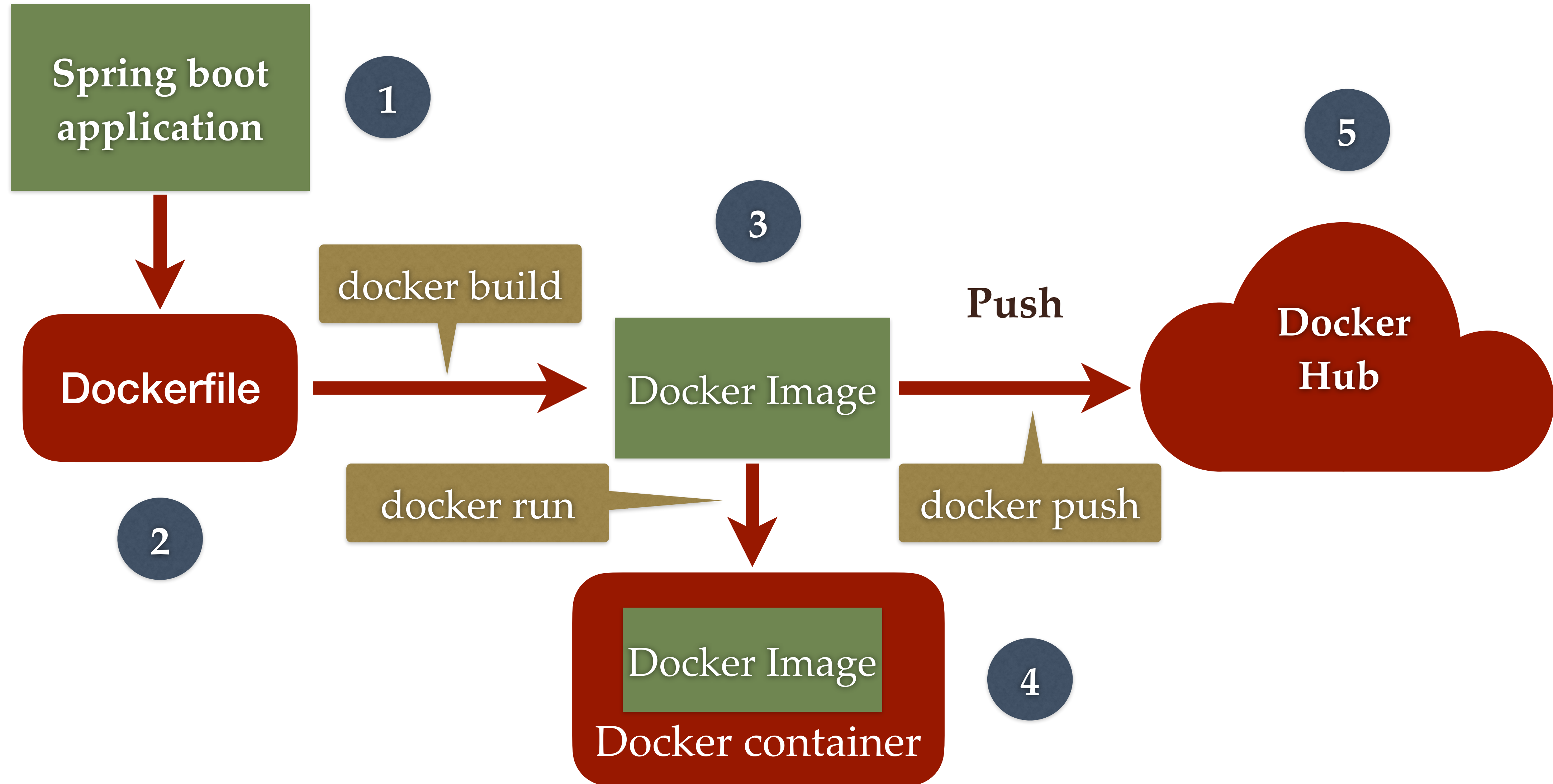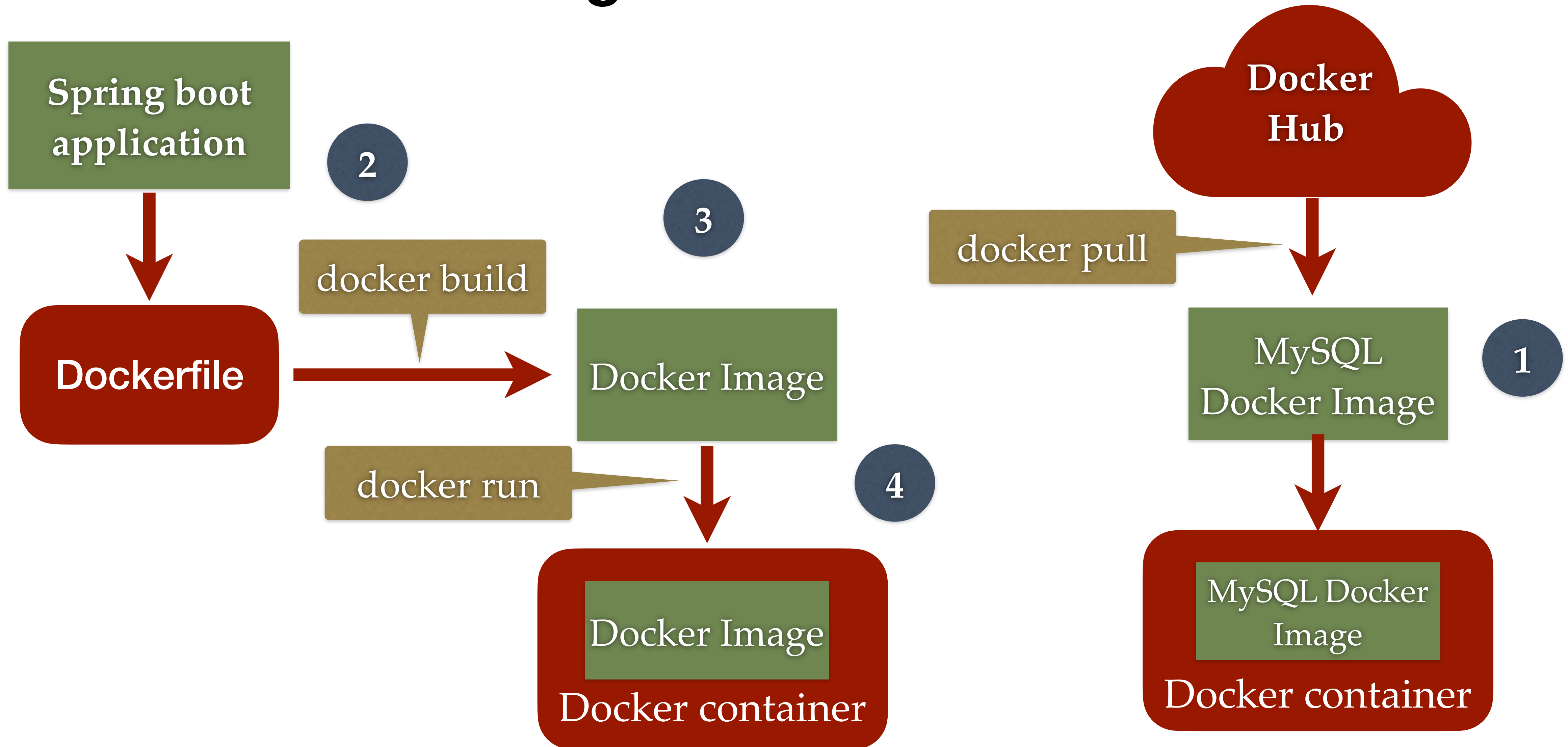
General Docker Workflow
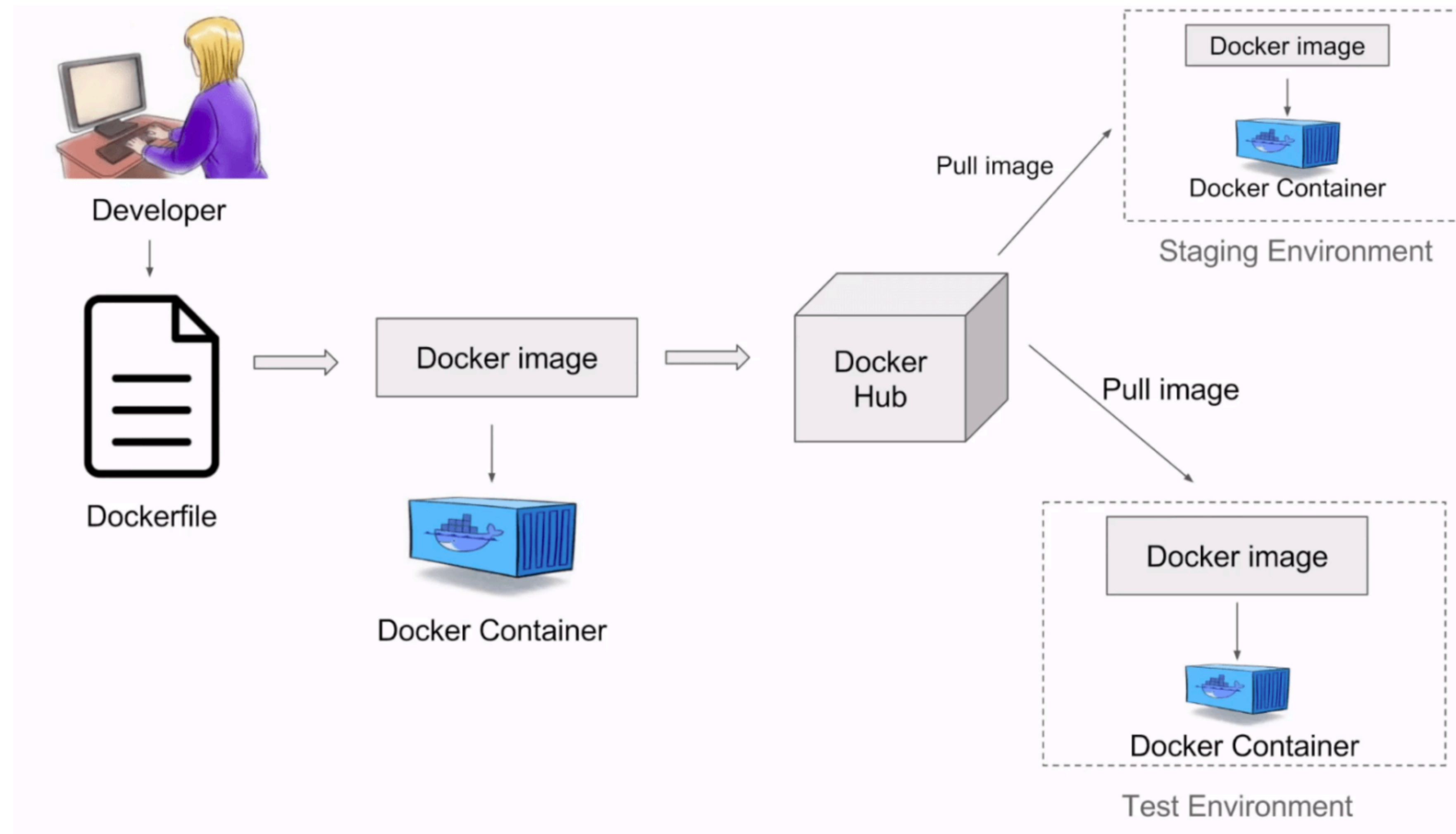
Dockerizing Spring Boot Application
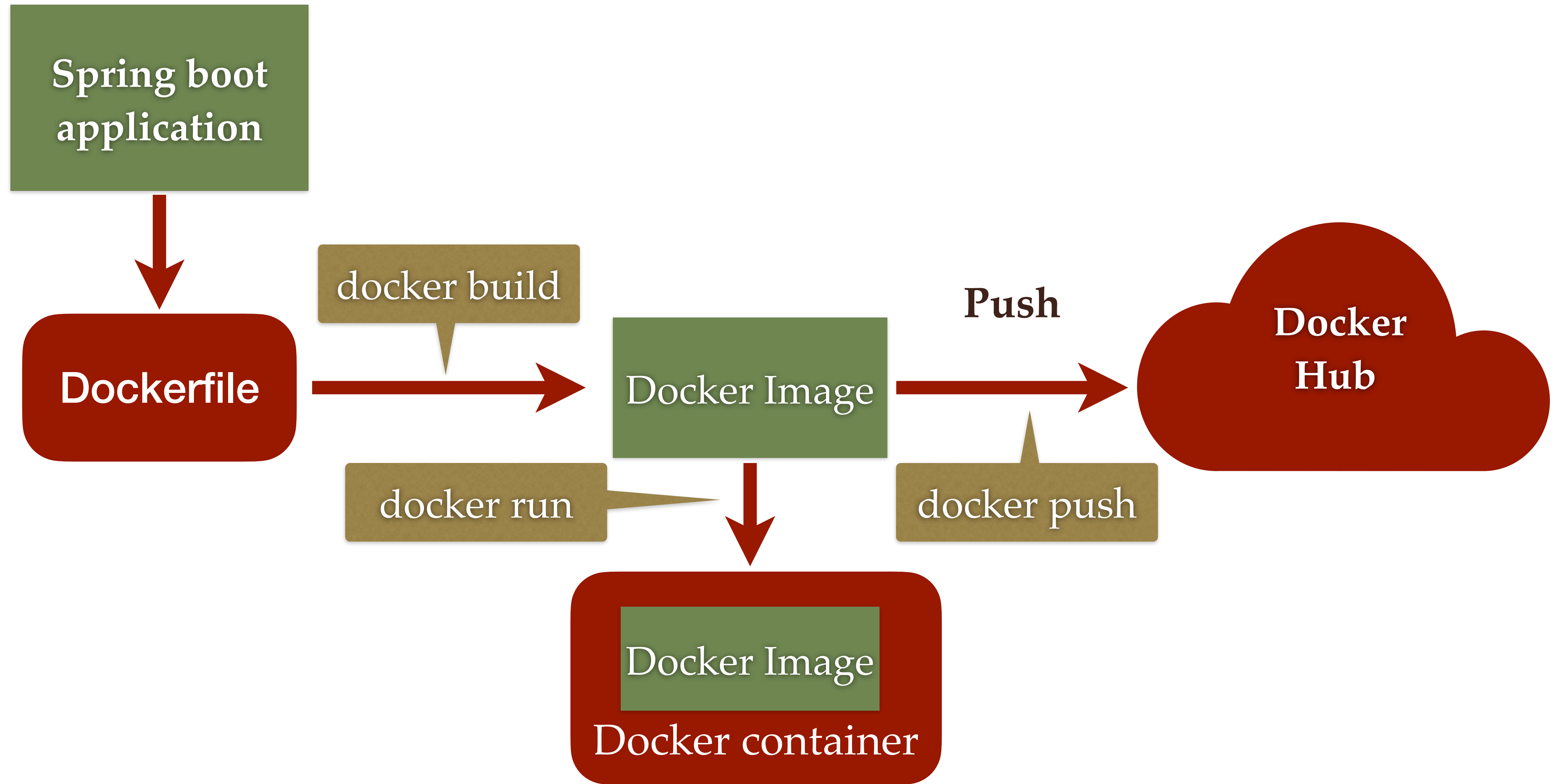
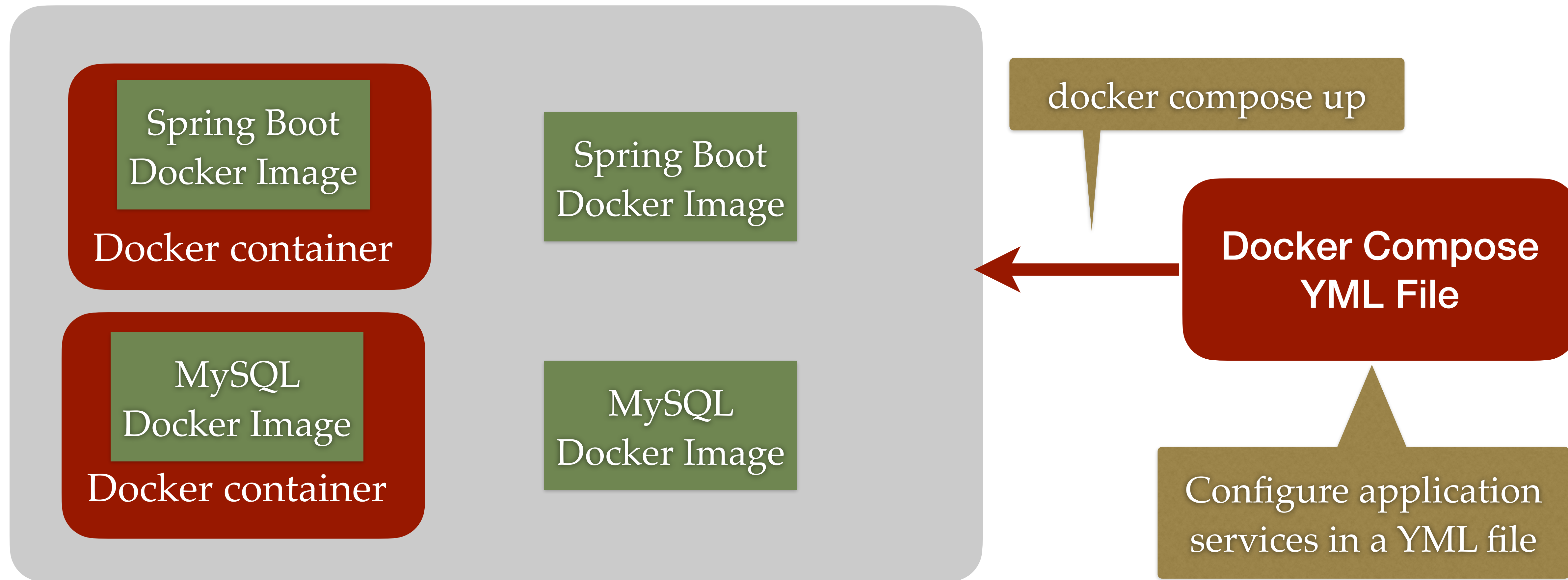# Steps to Dockerizing Spring Boot Application

Dockerizing Spring Boot MySQL Application Using Docker Network

Spring boot application

2

3

Docker Hub

docker build

docker pull

Dockerfile

Docker Image

MySQL Docker Image

1

docker run

4

Docker Image

Docker container

MySQL Docker Image

Docker container

Dockerizing Spring Boot MySQL Application Using Docker Compose

Spring Boot
Docker Image

Docker container

MySQL
Docker Image

Docker container

Spring Boot
Docker Image

MySQL
Docker Image

docker compose up

Docker Compose YML File

Configure application services in a YML file

Development Steps

1. Create docker-compose.yml file and configure MySQL service

2. Configure Spring Boot Application Service in docker-compose.yml file