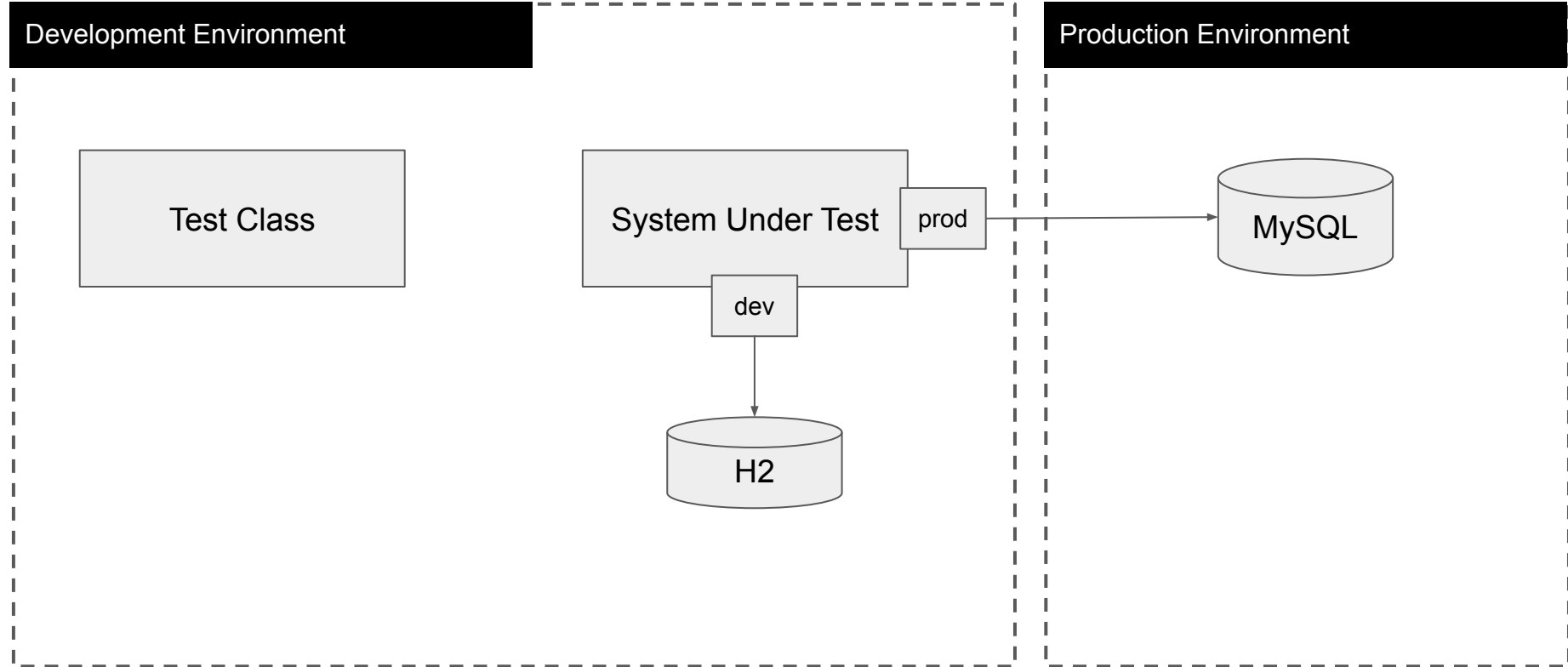# Testcontainers

Introduction

What is Testcontainers

Testcontainers is a Java library that helps you run Docker containers for your application's dependencies, such as databases or web servers, directly from your test code.

What is Testcontainers

What is Testcontainers

Development Environment

Test Class

System Under Test | prod

Production Environment

MySQL

Docker
PostgreSQL

Docker
Kafka

dev

Docker
MySQL