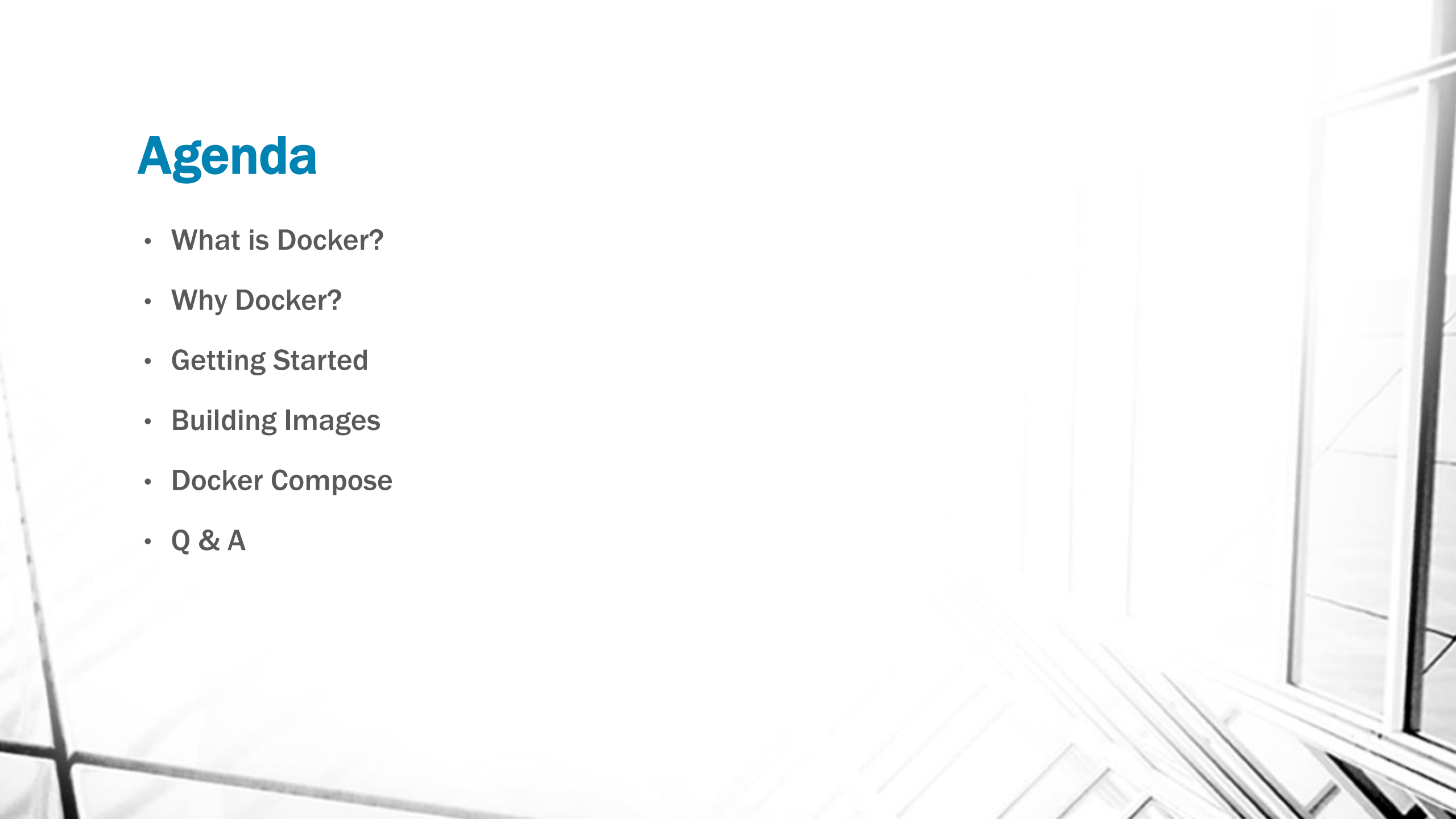
Contain Your Excitement

Hands on with Docker

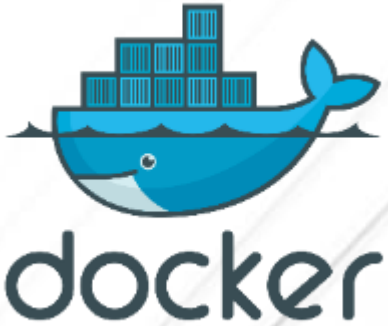
Agenda

- What is Docker?
- Why Docker?
- Getting Started
- Building Images
- Docker Compose
- Q & A



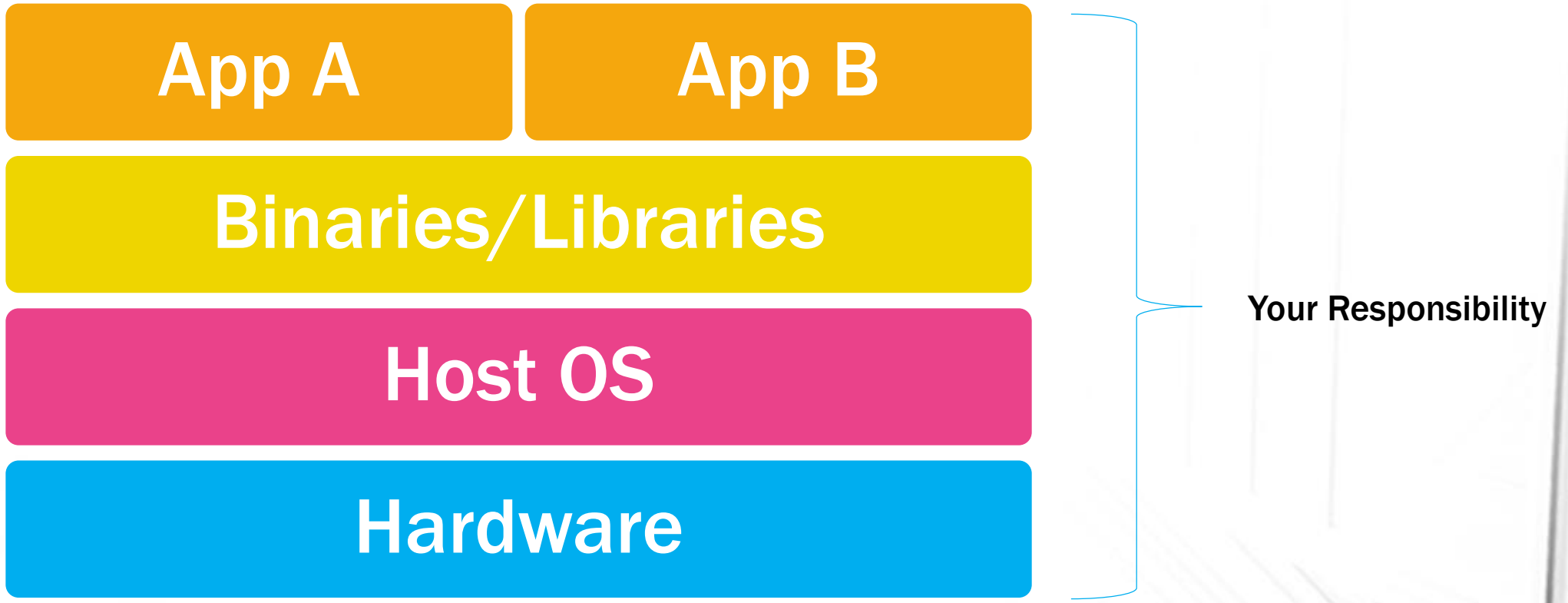
What is Docker?

The Journey from Metal to Containers



Physical Server

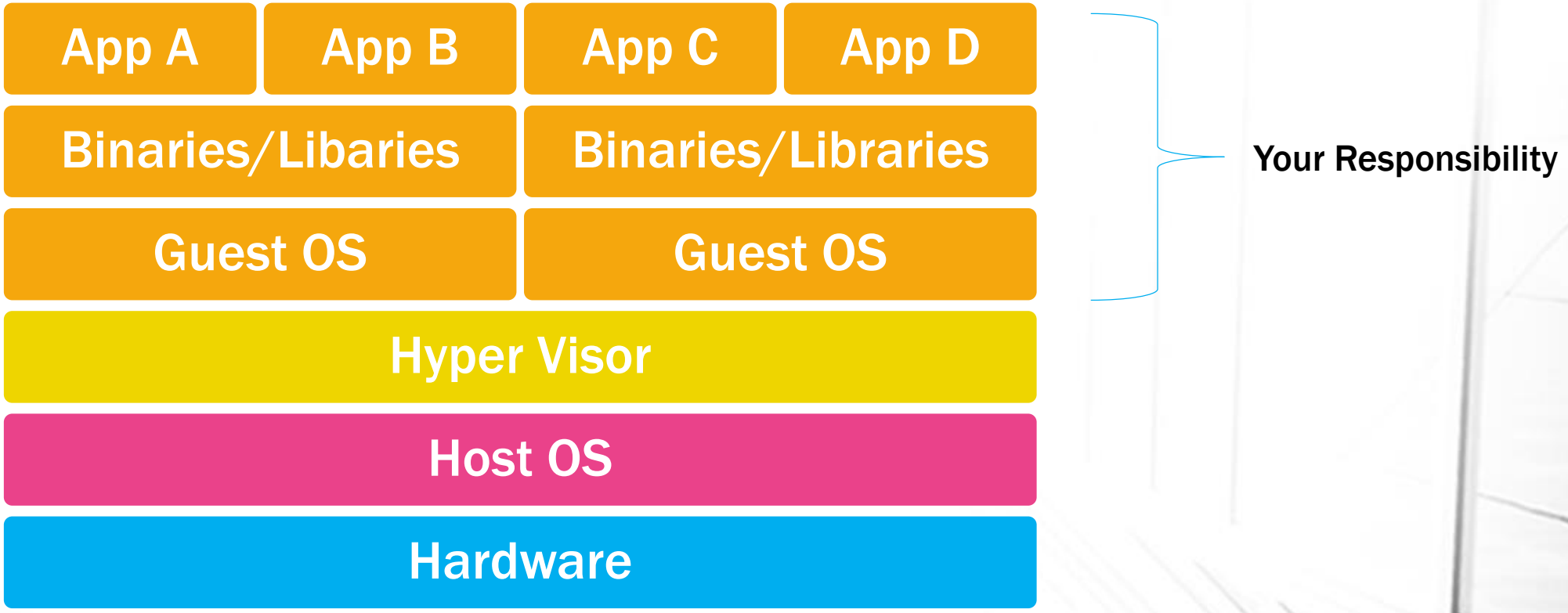
Physical Server



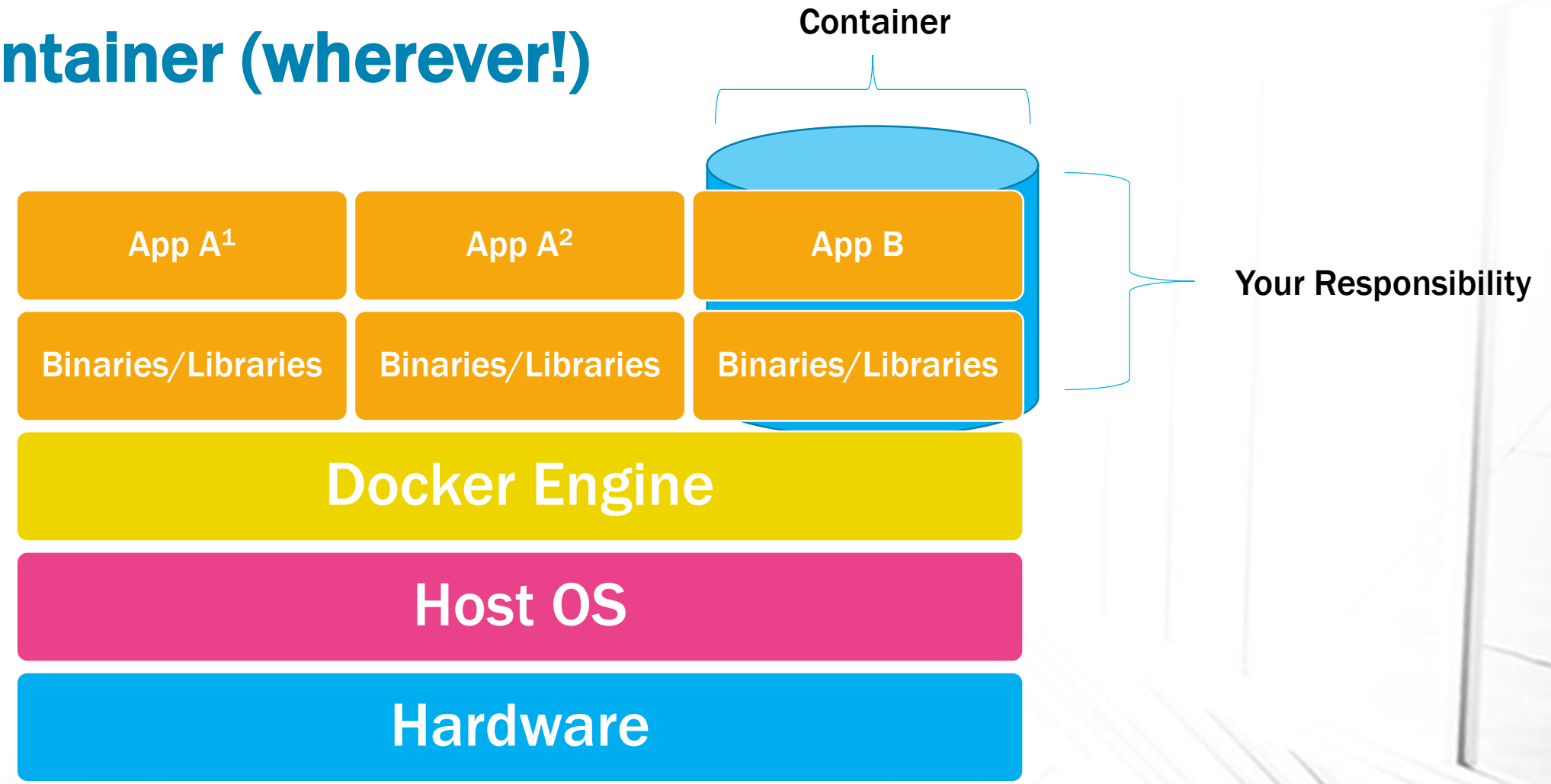
Virtual Machine

Virtual Machine... in the Cloud

Virtual Machine... in the Cloud



Container (wherever!)



Docker is ...

Standardized Unit of Software Development

Code, runtime, tools and libraries in one place

Shared host

Least privilege and secure by default

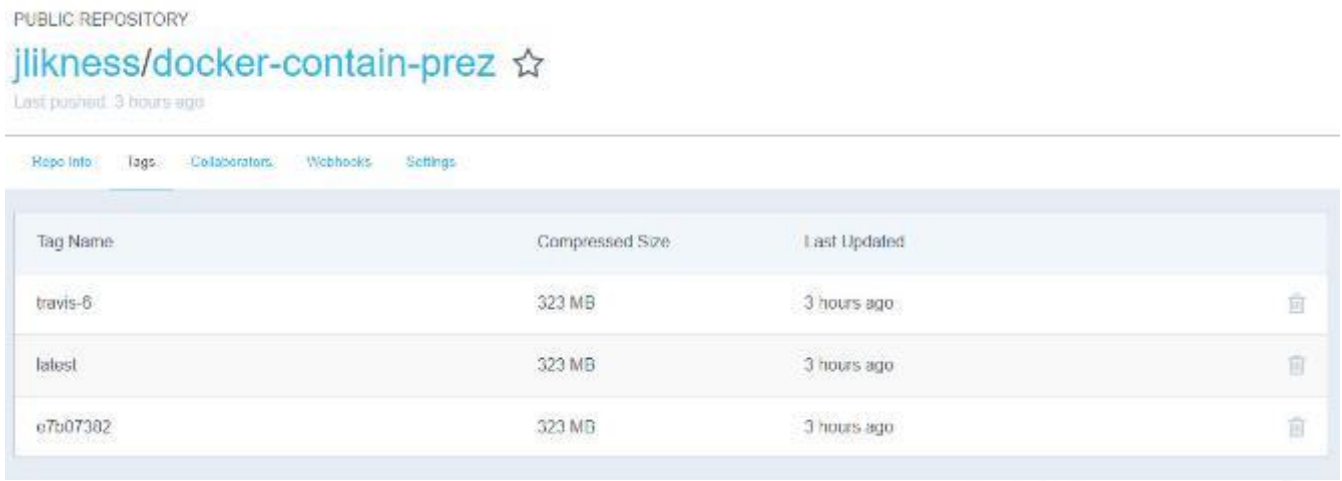
Why Docker?

- Standardized
- Lightweight
- Predictable
- Consistent
- Fast
- Scalable
- Elastic
- Resilient

amazon web services™

Google Cloud Platform

Microsoft Azure



Docker at Scale: Orchestration

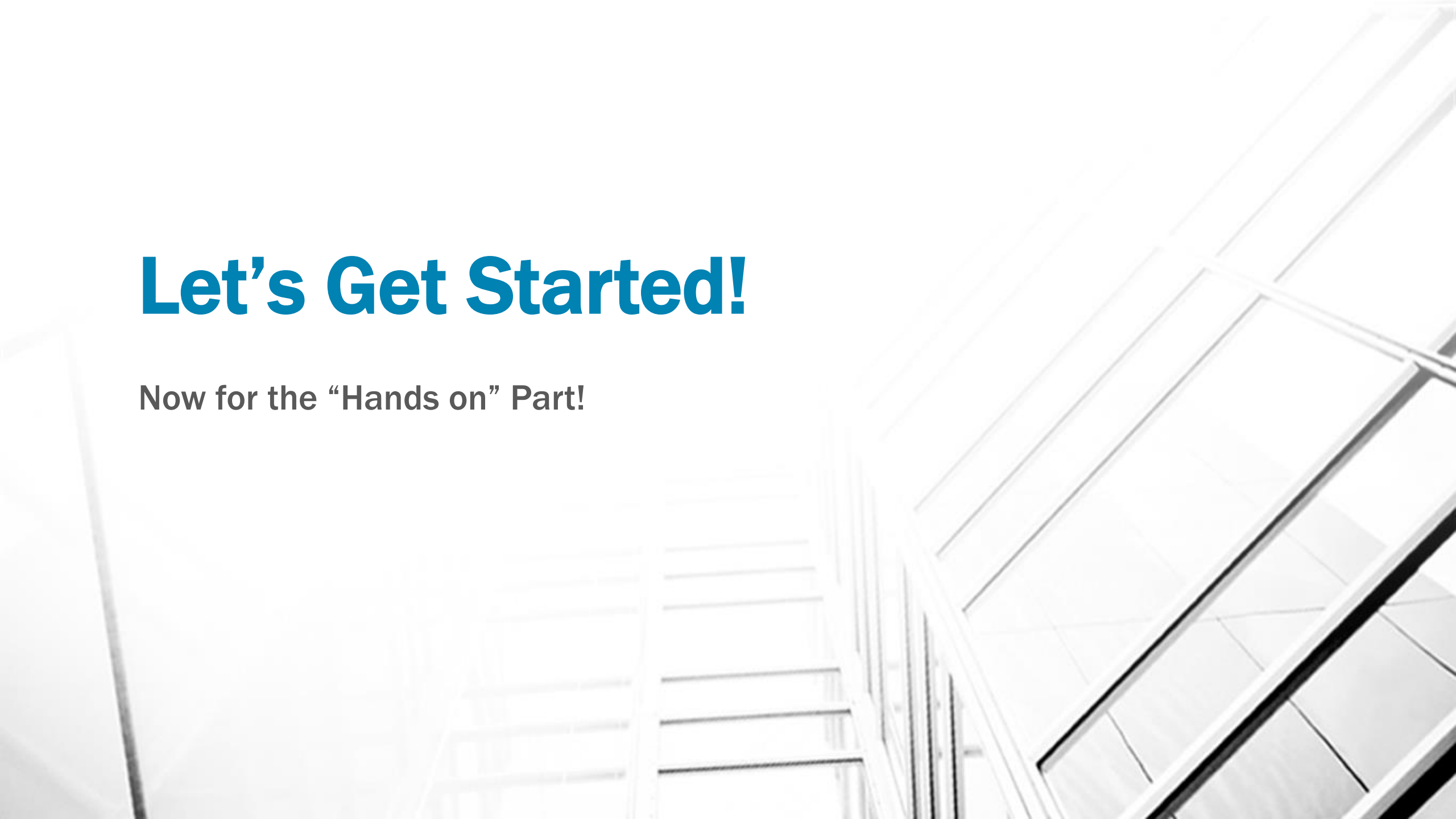
Mesos DC/OS

Kubernetes

Docker Swarm

Let’s Get Started!

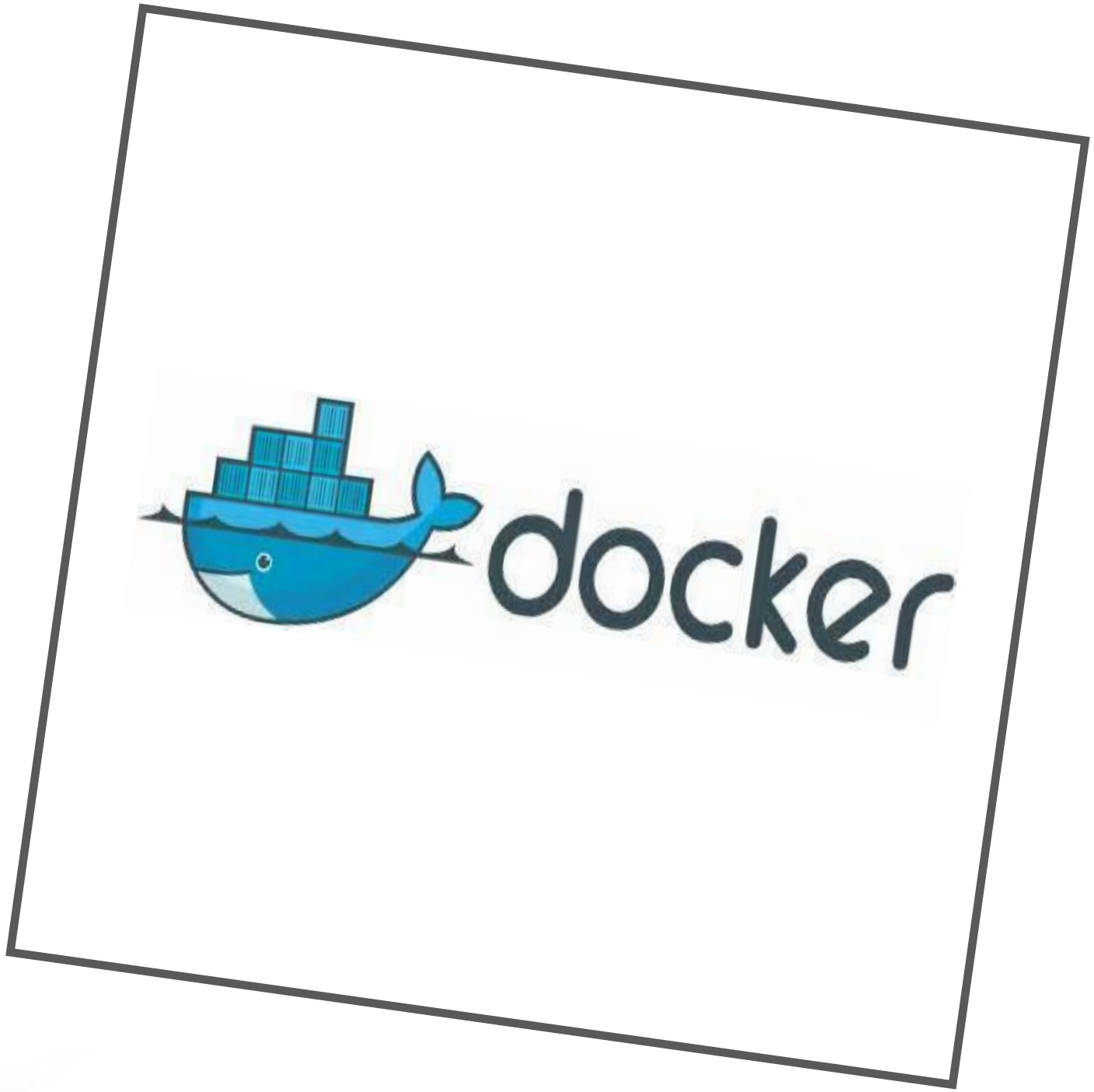
Now for the “Hands on” Part!



Thank You!

@JeremyLikness

https://github.com/JeremyLikness

http://bit.ly/coderblog

Questions?