

So...what is a container anyway?

Liz Rice

@lizrice | @microscaling

So...what is a
container anyway?

With thanks to Julien Friedman
@doctor_julz

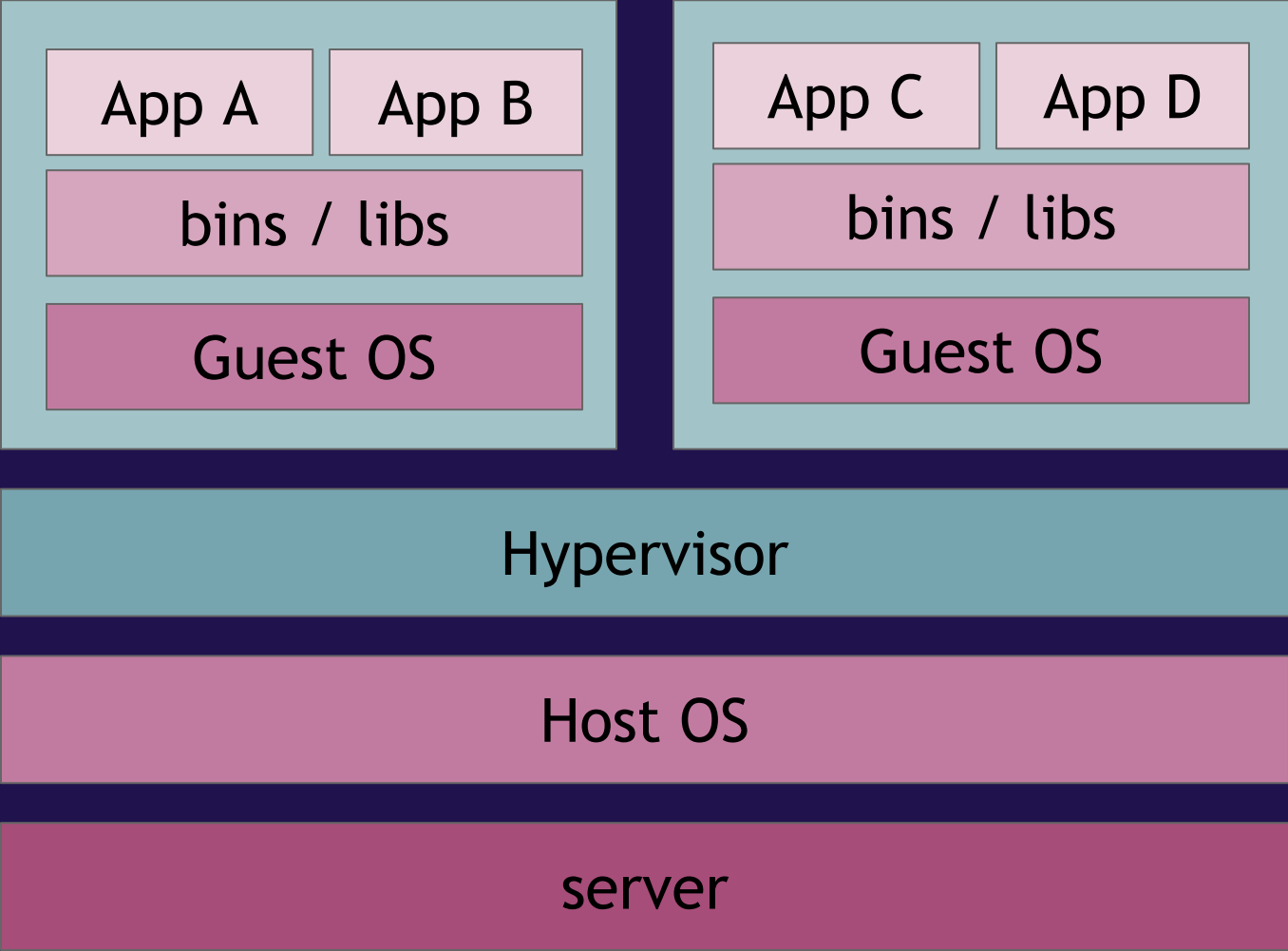
App A

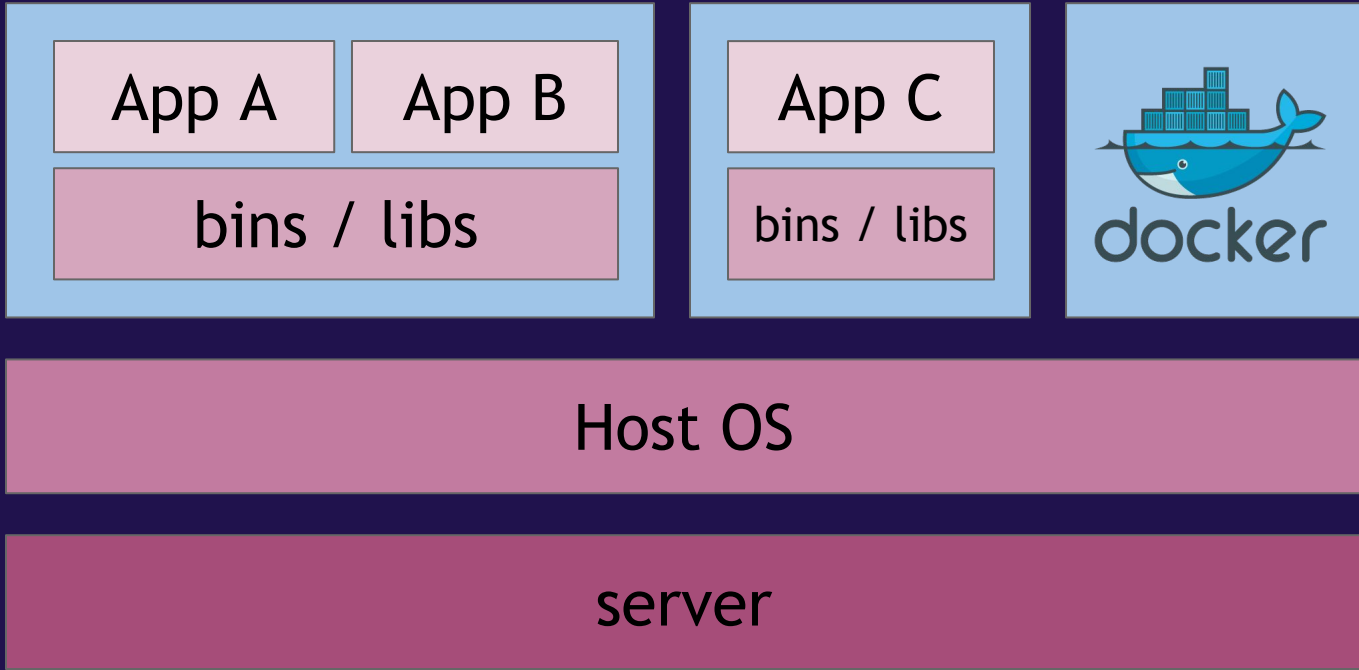
App B

bins / libs

OS

server







XXIU
550081
45G1

5

SHIPPING CONTAINERS
LTD. SALE & MODIFICATIONS
FIRST
AUSTRALIA WIDE
NEW CONTAINERS AUSTRALIA
1300 556 991

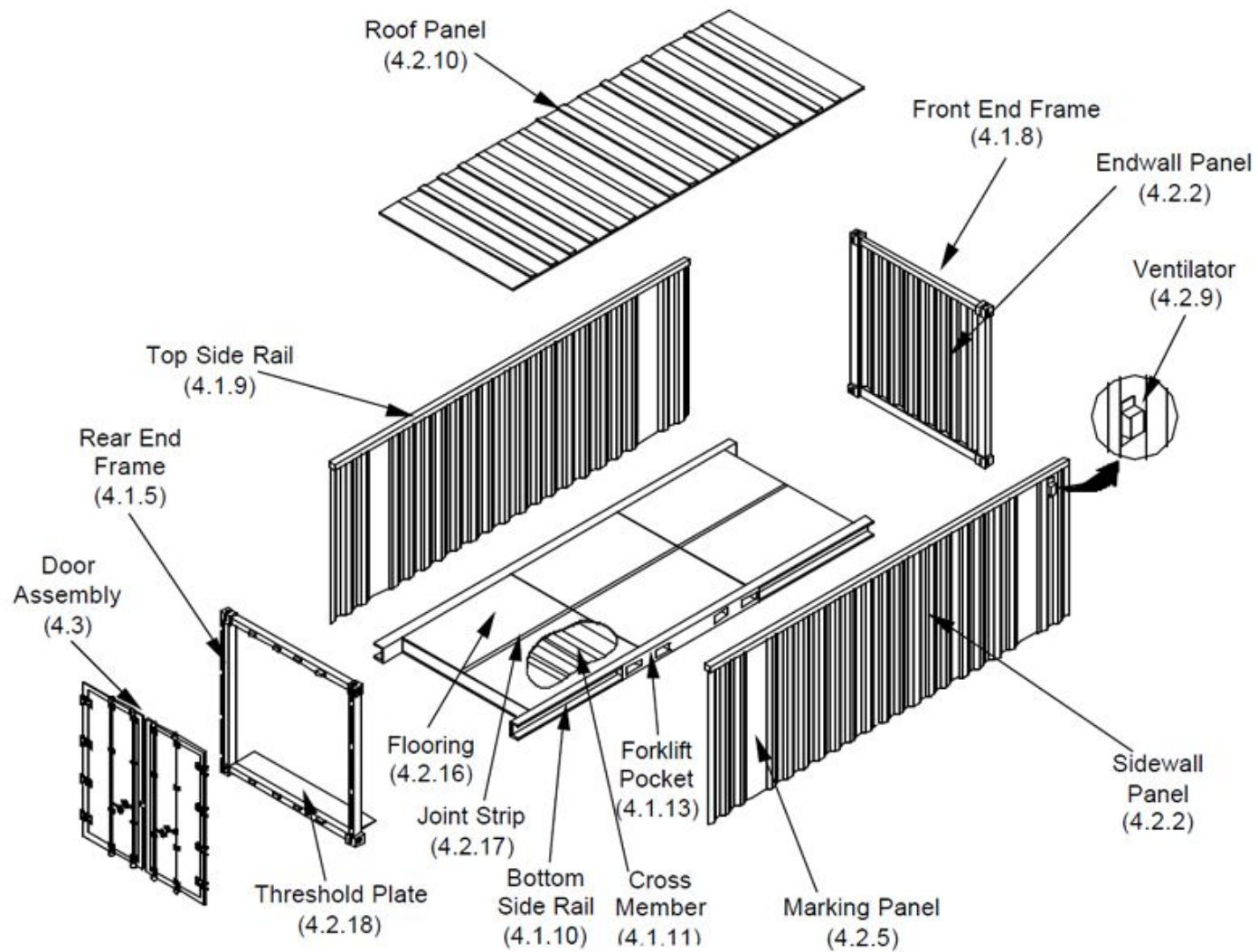
XXIU 550081 5
45G1

IC
87

2.97
9.6

MAX. GROSS 30,400 KG
37,200 LB
TARE 3,920 KG
8,640 LB

MAX. CARGO 26,540 KG
58,540 LB
U. CAP. 76.4 CU.M.
2,700 CU.FT.



Namespaces

“What you can see”

UNIX Timesharing System

Process IDs

File system (mount points)

Users

IPC

Networking

Control groups

“What you can use”

CPU

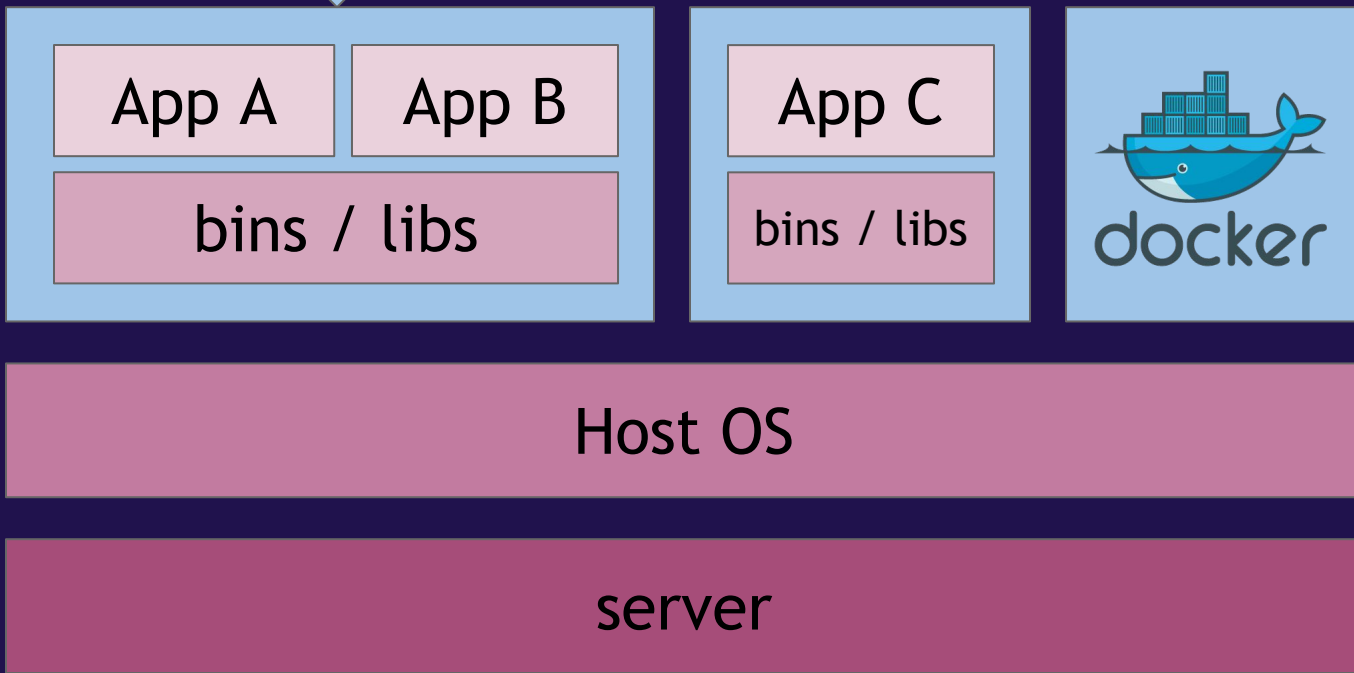
Memory

Disk I/O

Network

Device permissions (/dev)

image



What's inside?

Container metadata

Tags

Labels



OFFICIAL REPOSITORY



Last pushed: 21 days ago

Repo Info Tags

Short Description

Ubuntu is a Debian-based Linux operating system based on free software.

Docker Pull Command



```
docker pull ubuntu
```

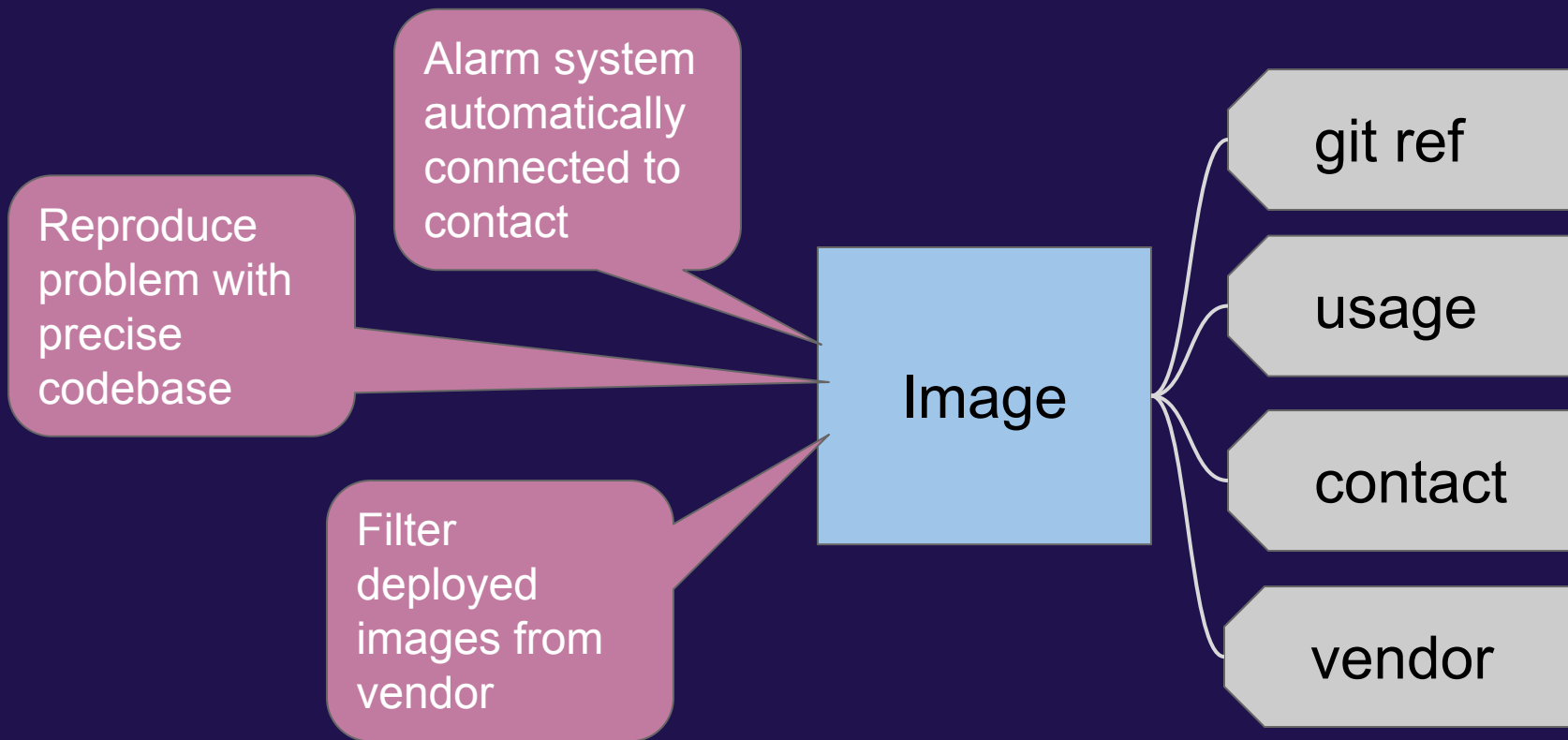
Full Description

Supported tags and respective Dockerfile links

- 12.04.5, 12.04, precise-20160819, precise ([precise/Dockerfile](#))
- 14.04.5, 14.04, trusty-20160819, trusty ([trusty/Dockerfile](#))
- 16.04, xenial-20160818, xenial, latest ([xenial/Dockerfile](#))
- 16.10, yakkety-20160826, yakkety, devel ([yakkety/Dockerfile](#))

For more information about this image and its history, please see [the relevant manifest file](#) ([library/ubuntu](#)). This image is updated via [pull requests to the docker-library/official-images](#)

[GitHub repo](#)



Metadata from image lizrice/imagetest

Last inspected 4 hours ago.

Versions ▾

Tags

latest

longer-tag

Created

Jun 30, 2016 at 2:36 PM

ID

52295ec7c3f8

Download Size

2.2 MB

Labels

No labels

Layers

2

2.2 MB

alpine 3.3

What's this?



2.2 MB

ADD file:86864edb9037700501e6e016262c29922e0c67762b4...



32 bytes

MAINTAINER liz@[hidden]

Explore container images at
microbadger.com

further reading

Gist: gist.github.com/lizrice/main.go

Explore container metadata at microbadger.com

Label conventions at label-schema.org

[@lizrice](#) | [@microscaling](#)