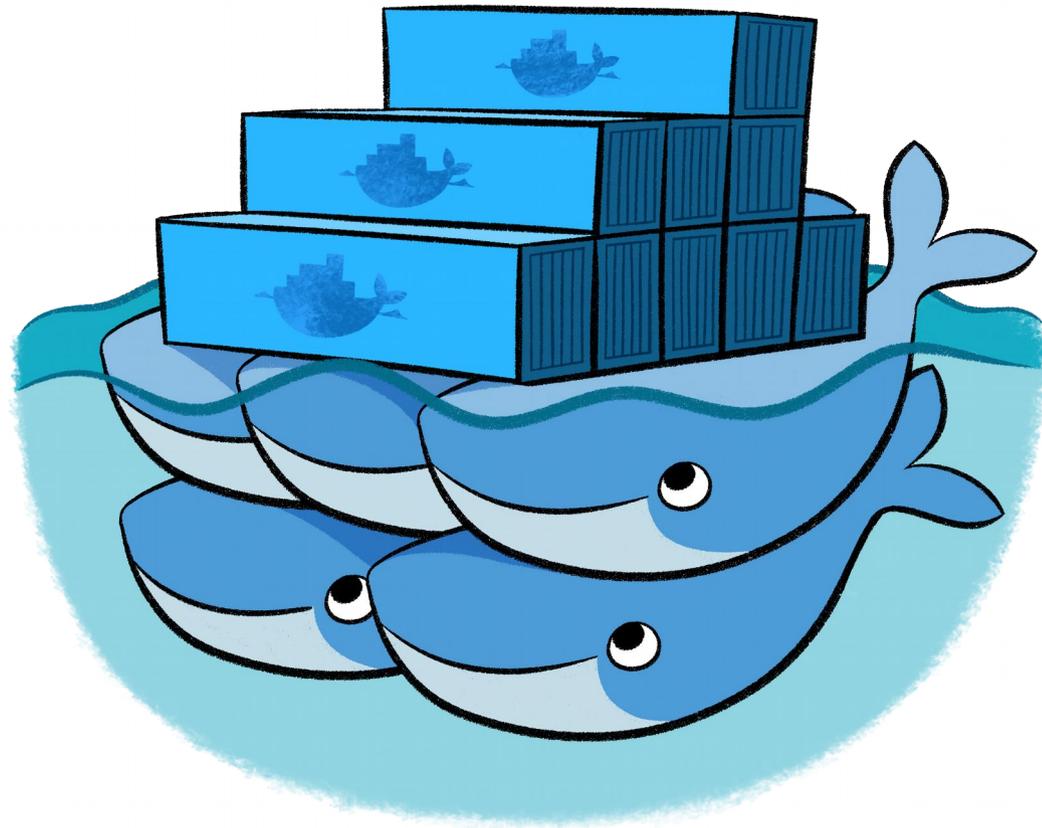


# DOCKER 4 EVERYDAY



By Gabriel Stein

# ABOUT ME



- **Born in Brazil**
- **Living abroad(Munich)**
- **Works as Sysadmin since 1999**
- **Linux enthusiast, docker fan**

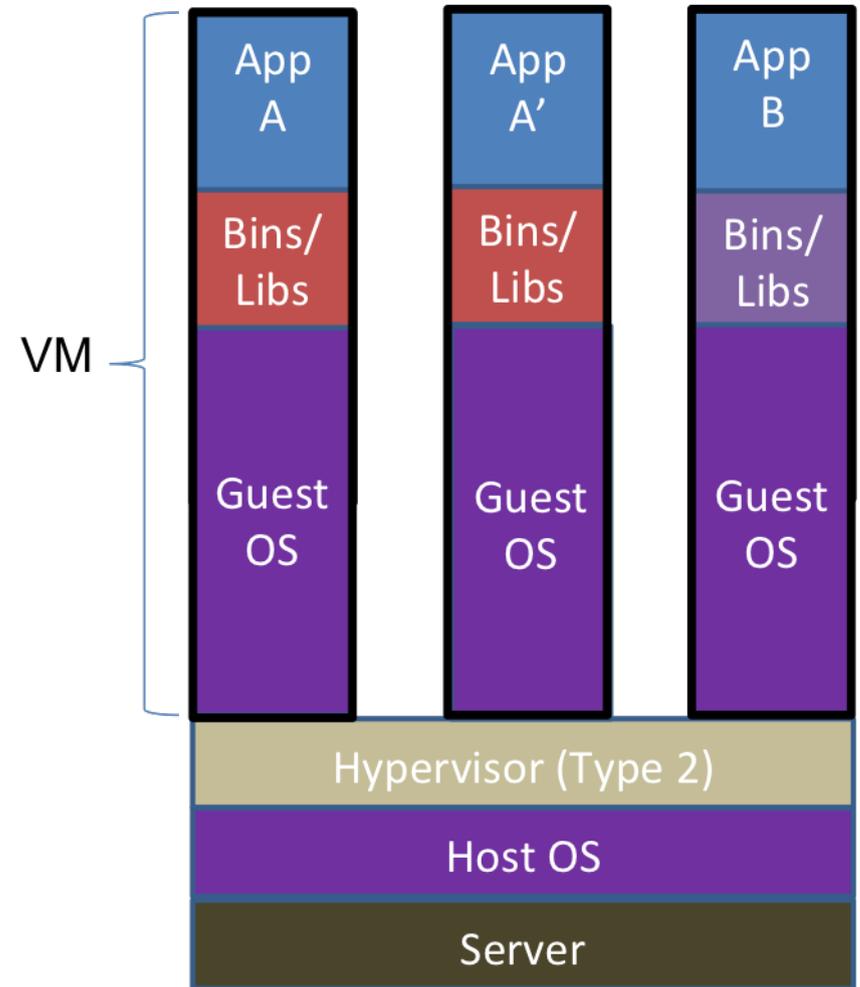
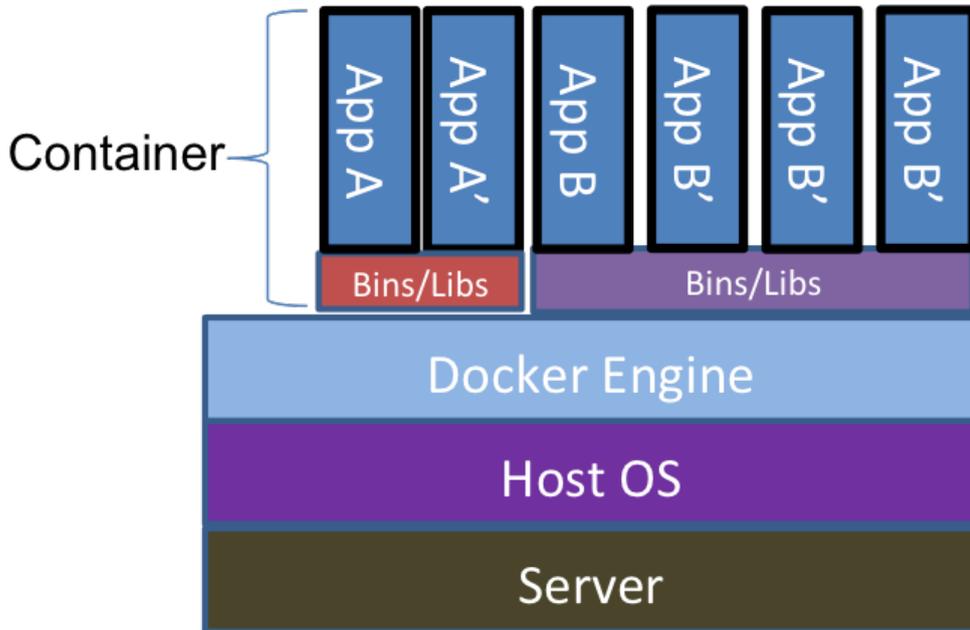
# **CONTENTS**

- **About Docker**
- **Working with Images**
- **Working with Containers**
- **Linking Containers**
- **Searching for Help**

# **ABOUT DOCKER**

- **Open Platform**
- **Build, Ship and Run Applications**
- **Docker Engine and Docker Hub**
- **Runs on Linux, Windows and Mac**

# ADVANTAGES



# **ADVANTAGES – PART II**

- **Size, Startup Time, Integration, Portability**
- **Run the same app in your laptop, server, VM, Cloud**
- **Versioning: PHP-Versions, Nodejs-Versions**
- **Easy deployment from Apps**

# WORKING WITH IMAGES

- **Dockerfile**
- **<USERNAME>/IMAGE**
- **Docker Hub or Registry**



821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

**DEMO!**

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

821197 0  
2/G1

MGW.  
TARE. 24000 KGS  
62310 LBS  
2340 KGS  
5150 LBS

NET.  
CU. CAP. 21600 CUB  
M<sup>3</sup>  
787.38 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

MAX GROSS 30480 KG  
67200 LB  
3350 KG  
7380 LB

MAX PAYLOAD 28150 KG  
62000 LB  
331 CUM  
1700 CU. FT.

# DOCKERFILE

```
# This is a comment
```

```
FROM ubuntu:latest
```

```
MAINTAINER Name Lastname <name.lastname@email.ext>
```

```
RUN apt-get update && apt-get install -y ruby ruby-dev
```

```
RUN gem install apache2
```

```
ADD /script.sh
```

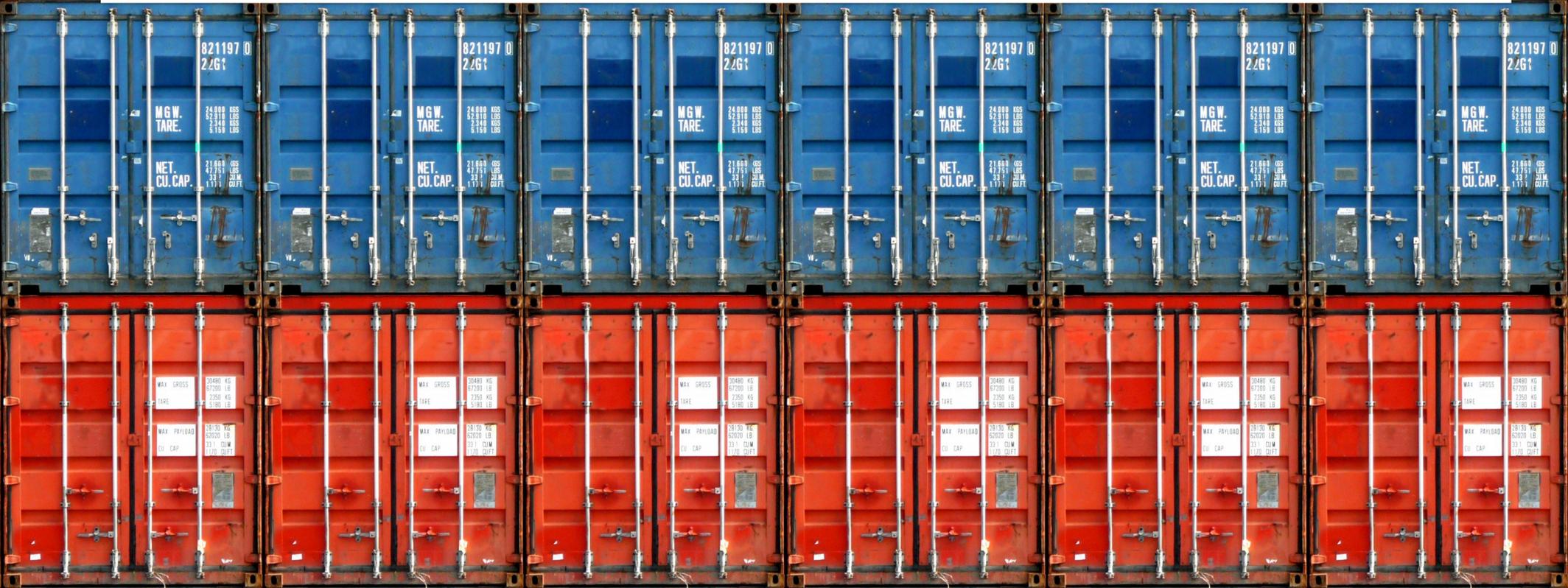
```
RUN script.sh
```

# **WORKING WITH CONTAINERS**

- **What you run**
- **Options like Port, Shares between Host and Container**
- **Ubuntu, Debian, Opensuse**



**DEMO!**



# SEARCHING FOR HELP

- <https://www.docker.com/tryit/>
- <https://docs.docker.com/userguide/>
- <https://hub.docker.com>

**THE END**

**THANKS!**

**QUESTIONS?**

**[gabrielstein@gmail.com](mailto:gabrielstein@gmail.com)**