Docker Workshop

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1. What is the plan for the workshop?

Timetable

- 13:00-13:20 Introduction
- 13:20-14:25 Docker Kata
- 14:25-14:35 Q&A + Break
- 14:35-15:45 Dockerizing a project
- 15:45-16:00 Q&A

2. Docker

What is docker?

Container	Container	Container		
Арр	Арр	Арр		
Libs	Libs	Libs		
Container engine				
os				

	Virtual machine	Virtual machine	Virtual machine	
	Арр	Арр	Арр	
	Libs	Libs	Libs	
	os	os	os	
	Hypervisor			
Hardware				

How does it work?

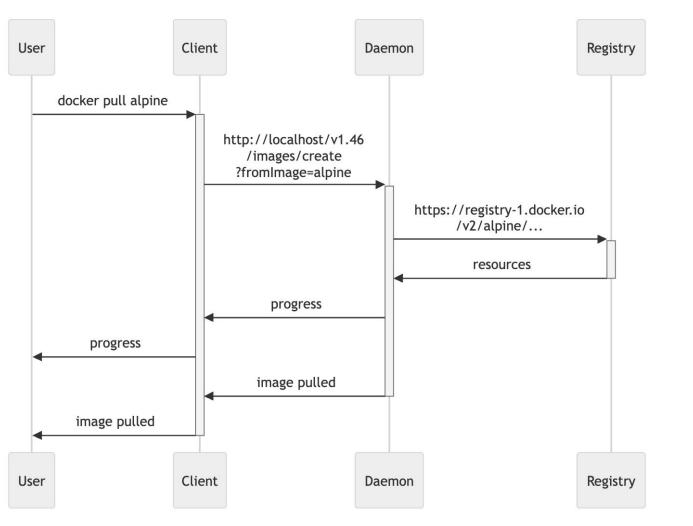
Client

Daemon

Registry

How does it work?

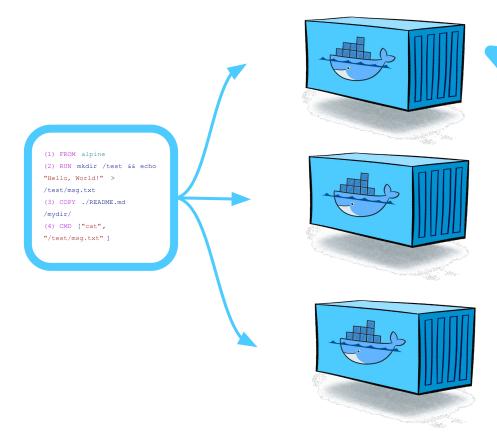




What is an image?

```
(1) FROM alpine
(2) RUN mkdir /test && echo "Hello, World!" > /test/msg.txt
(3) COPY ./README.md /mydir/
(4) CMD ["cat", "/test/msg.txt"]
```

What is a container?



/app /bin /config /var

. . .

3. Next steps

Kata

- Repository: https://github.com/Ubax/docker-workshop
- Form pairs and solve tasks



Q&A

Dockerizing exercise

Repository: https://github.com/Ubax/docker-workshop

Q&A