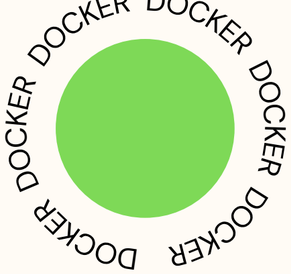
Building Efficient and Secure Docker Images with Multi-Stage Builds.

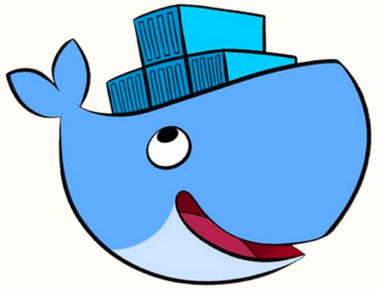
Talk by
Pradumna Saraf



$ whoami

Pradumna Saraf

- DevRel 🥑 @Livecycle
- DevOps and Go Developer
- Talk about Open Source
- Creates Content



Multi-Stage Builds?

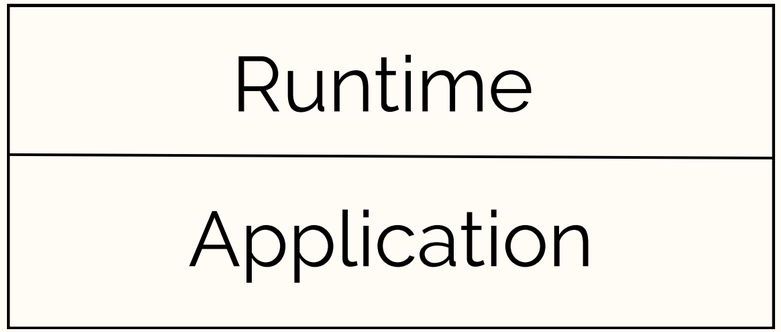


Image we want

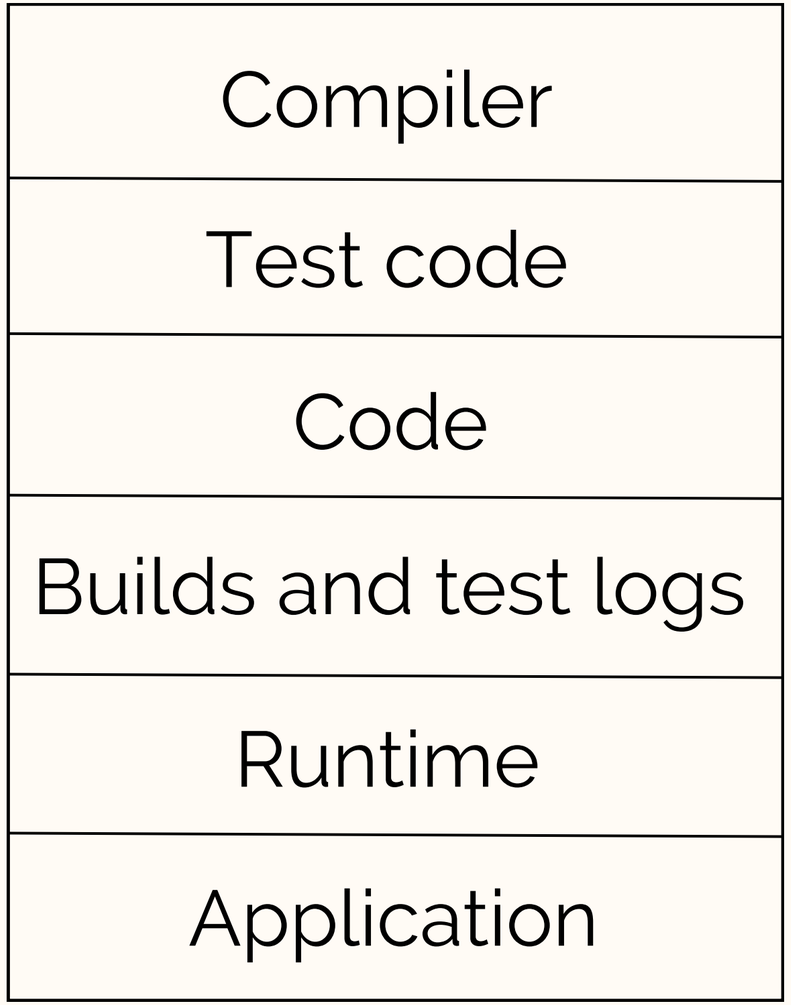


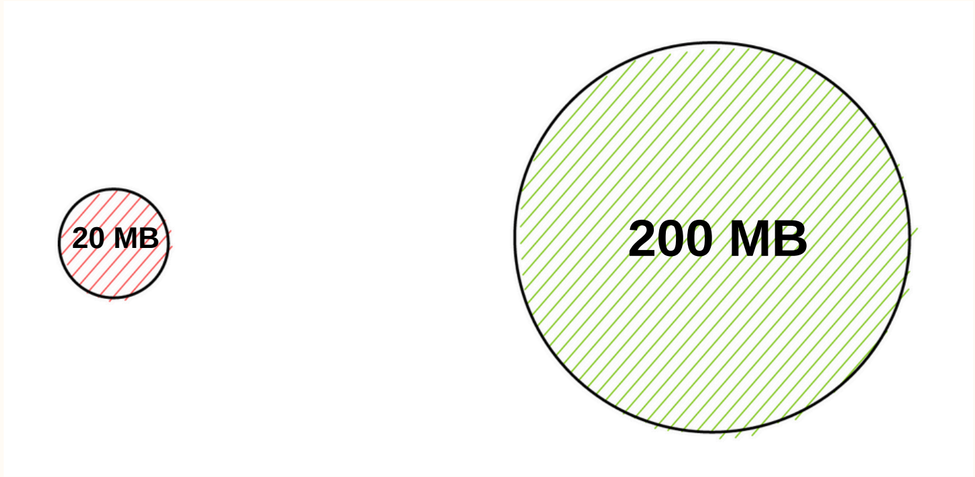
Image we build

The problem

- Security
- Performance
- Efficiency

Docker Multi-stage Builds

- One Dockerfile
- Less Code
- Same Syntax



4 to 20 times bigger

Dockerfile

Docker > Dockerfile > ...

```dockerfile
# Base Image
FROM alpine:latest AS base

# First Image
FROM ubuntu:latest AS first
RUN echo "Hello" > /hello

# Second Image
FROM debian:latest AS second
RUN echo "conference" > /conference

# Final Image

FROM base
COPY --from=first /hello /hello
COPY --from=second /conference /conference
CMD cat /hello && cat /conference
```

Connect With Me

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