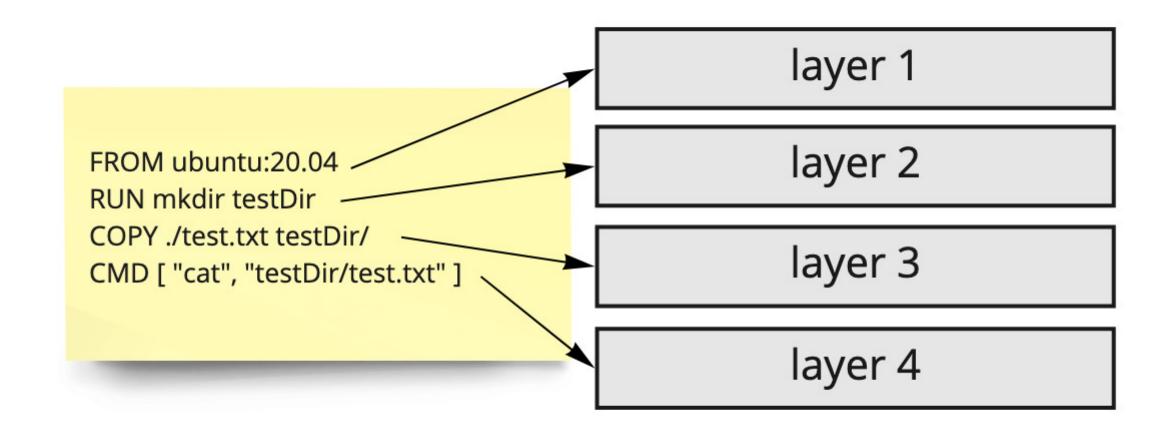
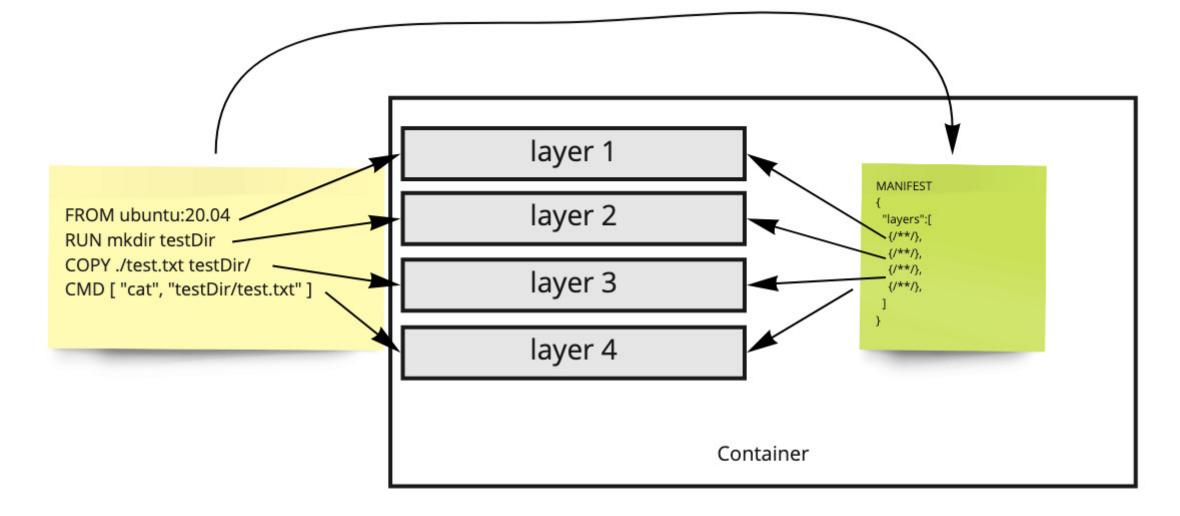
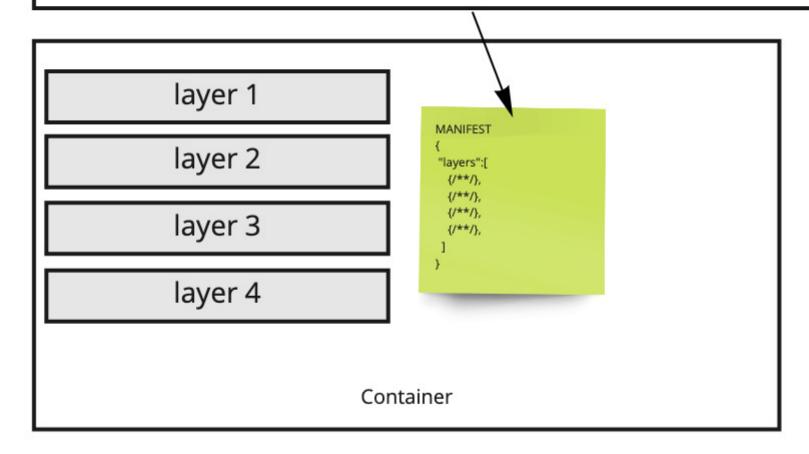


FROM ubuntu:20.04
RUN mkdir testDir
COPY ./test.txt testDir/
CMD ["cat", "testDir/test.txt"]

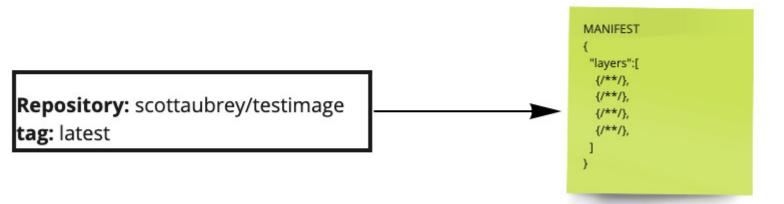




Repository/image name: scottaubrey/testimage tag: latest

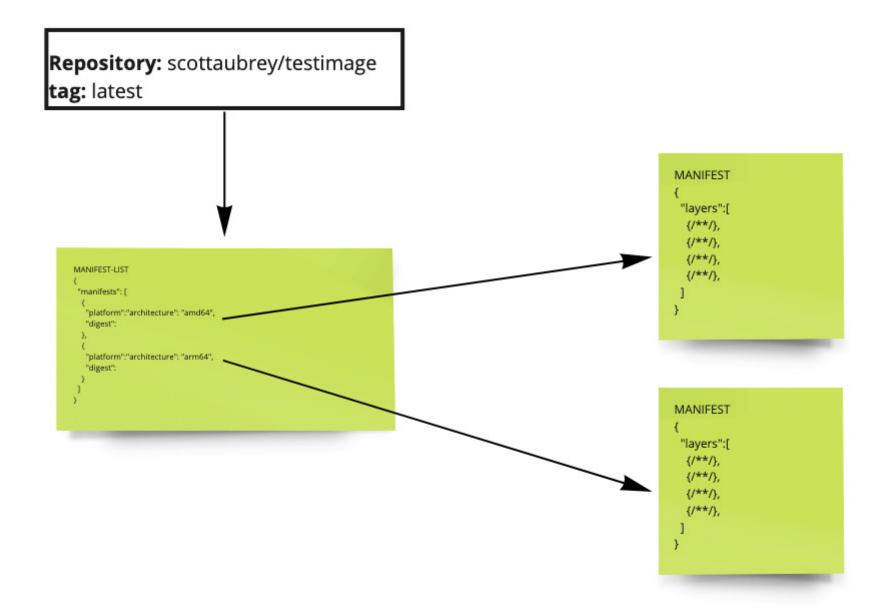


Instead of ...



We have





Demo

Build a multi-arch manifest-list:

- 1. Build your image for amd64
- 2. Build your image for arm64
- 3. build a manifest including both
- 4. push to docker hub

Build a multi-arch manifest-list:

- 1. Build your image for amd64
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Docker Compose?

Docker-Compose?

Moby buildkit / Docker buildx



"BuildKit is a toolkit for converting source code to build artifacts in an efficient, expressive and repeatable manner."

```
> docker build . \
  -t scottaubrey/testimage:latest
> docker buildx build .
  -t scottaubrey/testimage:latest
> docker buildx build .
  -t scottaubrey/testimage:latest
  --load / --push
> docker buildx build .
  -t scottaubrey/testimage:latest
  --platform linux/amd64,linux/arm64
> docker buildx build .
  -t scottaubrey/testimage:latest
  --platform linux/amd64,linux/arm64
  --push
```

Buildkit Demo

Final thoughts