# Building New Images

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Author & Trainer

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# Overview/ Summary

50K-foot View

Hands-on Workflow

Building Images Deep Dive

Multi-stage Builds

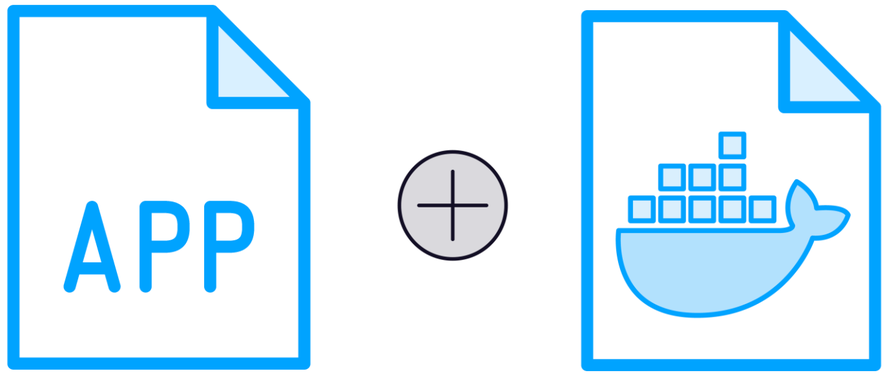
Recap

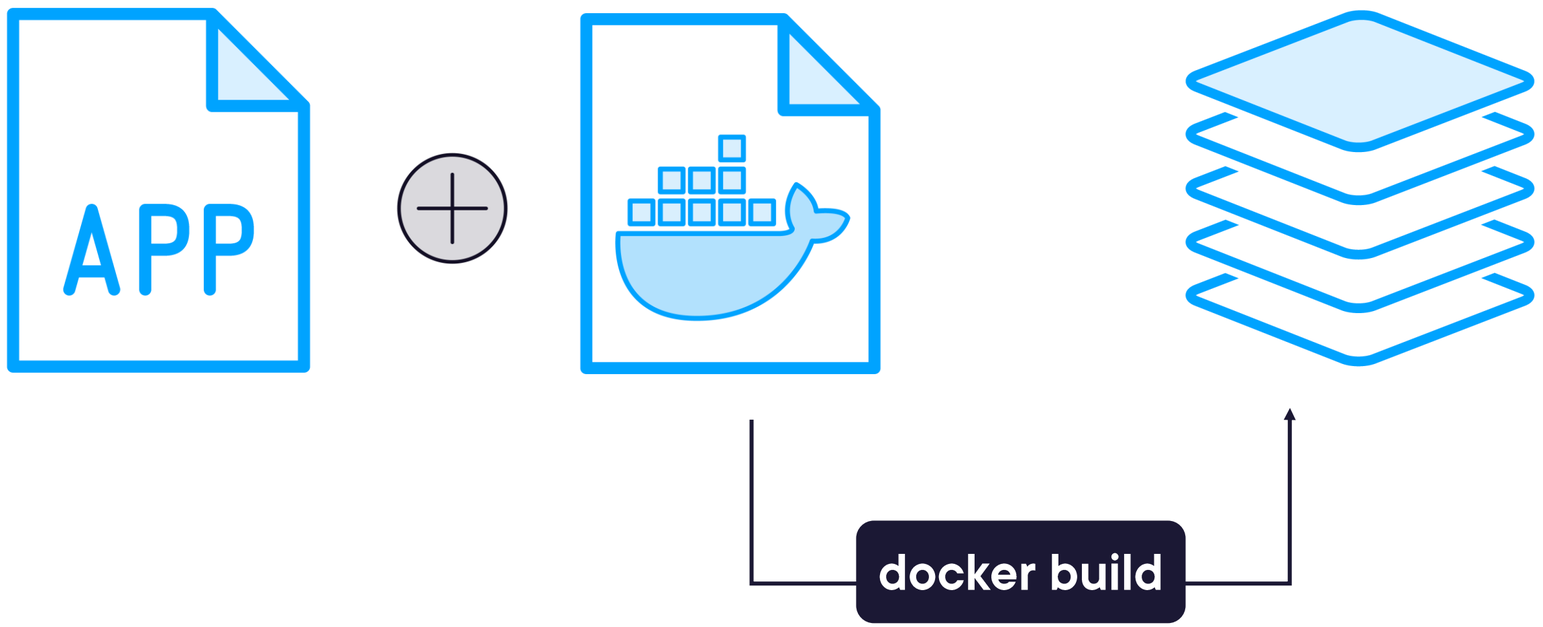
Up Next:

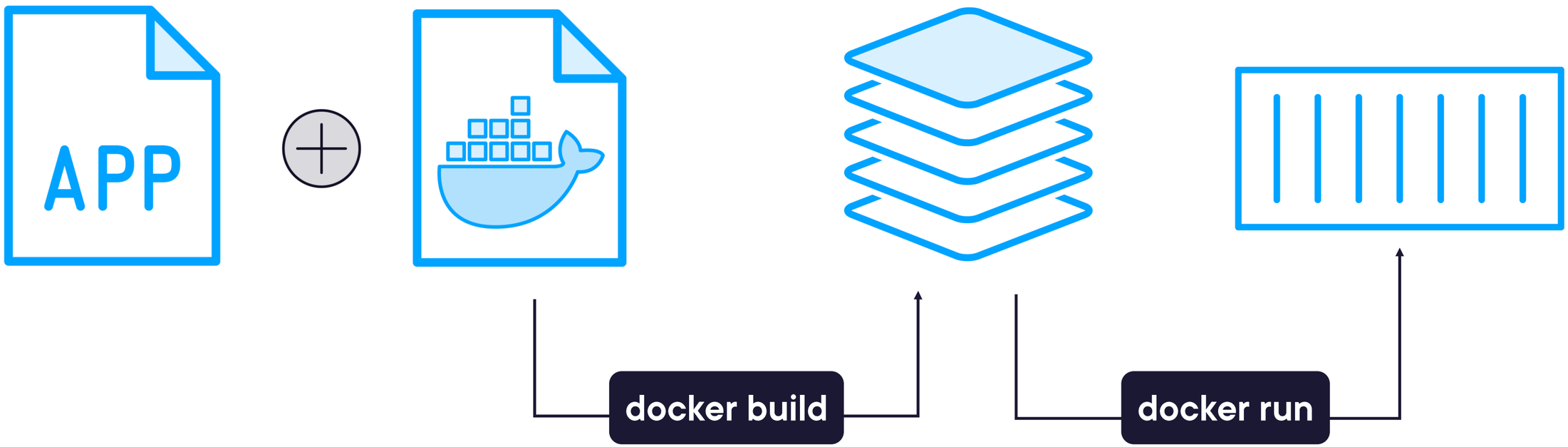
# 50K-foot View

# 50K-foot View

APP


APP


APP
docker build

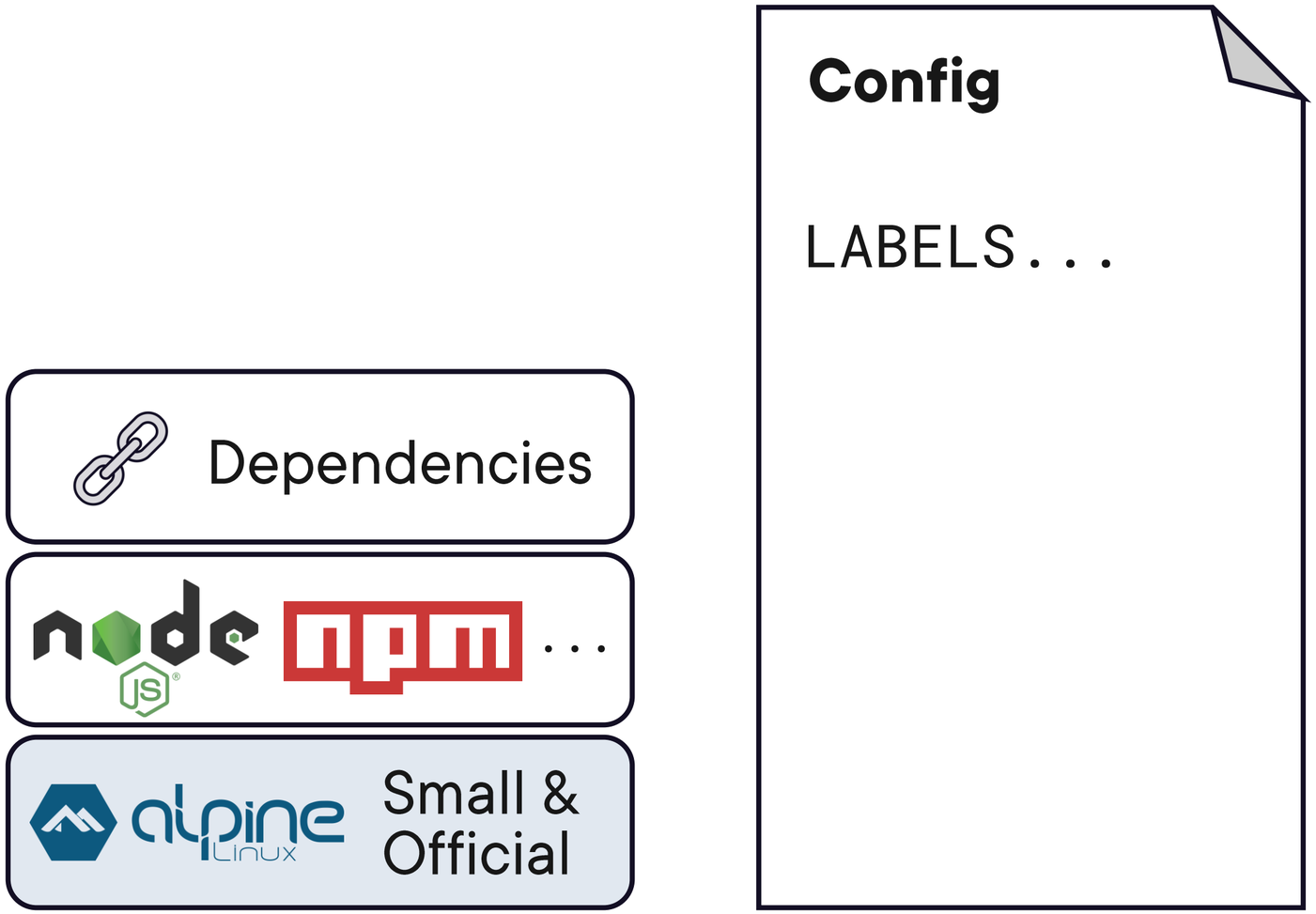

APP
docker build
docker run

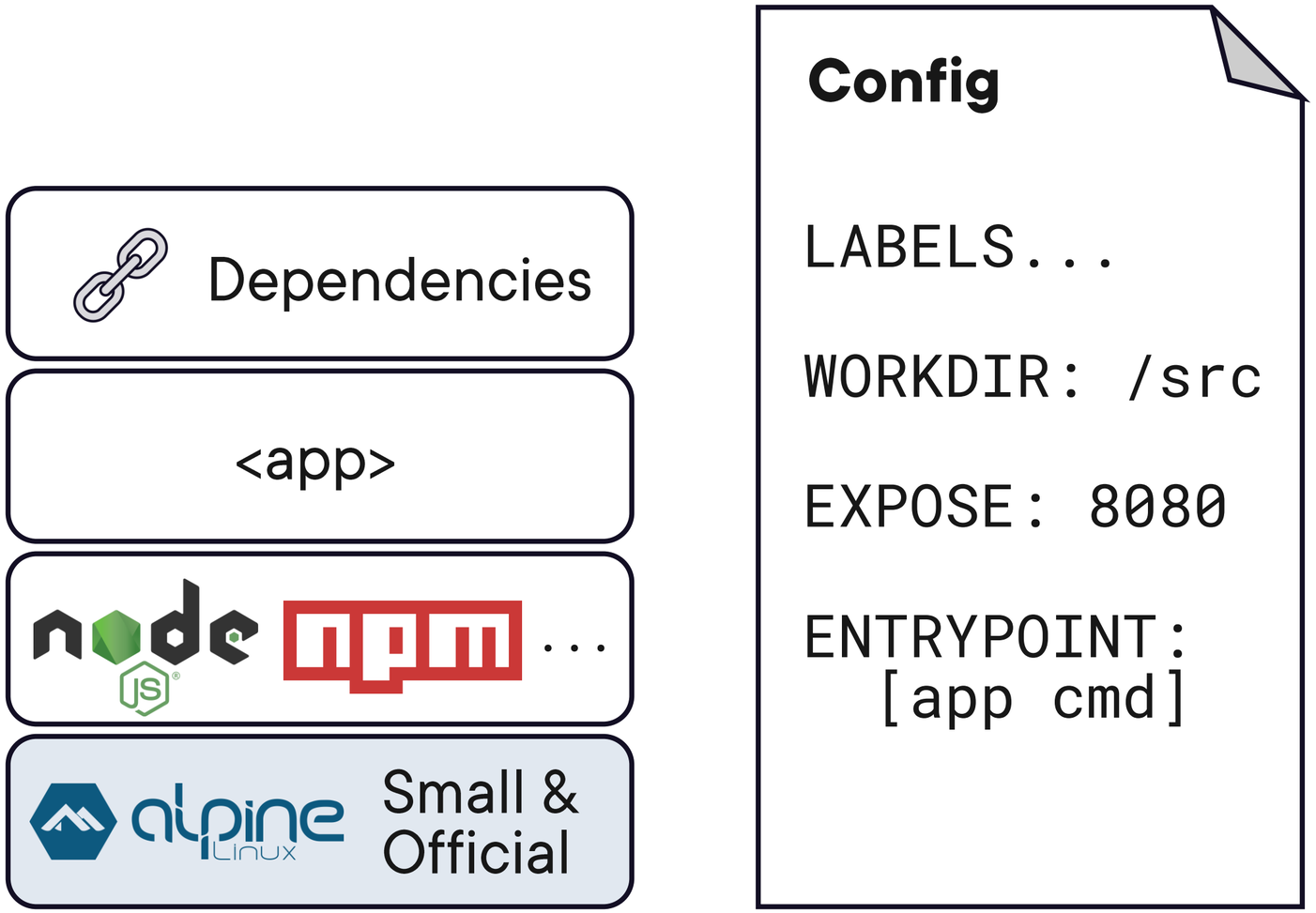
Up Next:

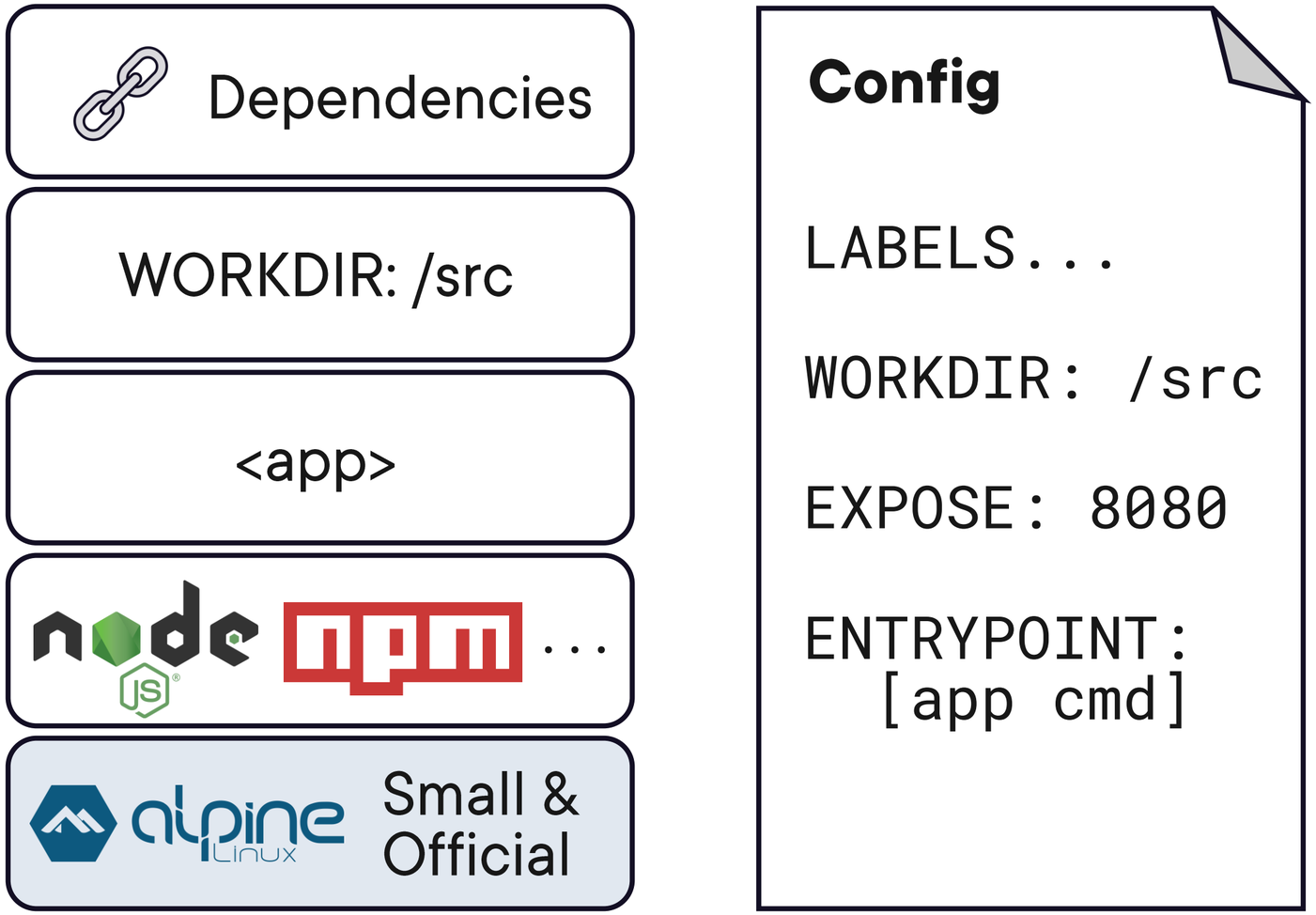
# Hands-on Workflow

# Hands-on Workflow

APP
docker build


Dependencies
node
npm
...
alpine
Linux
Small &
Official
Config
LABELS...


Dependencies
<app>
node
npm
...
alpine
Linux
Small &
Official
Config
LABELS...
WORKDIR: /src
EXPOSE: 8080
ENTRYPOINT:
[app cmd]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WORKDIR: /src
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alpine Linux
Small & Official
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LABELS...
WORKDIR: /src
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ENTRYPOINT:
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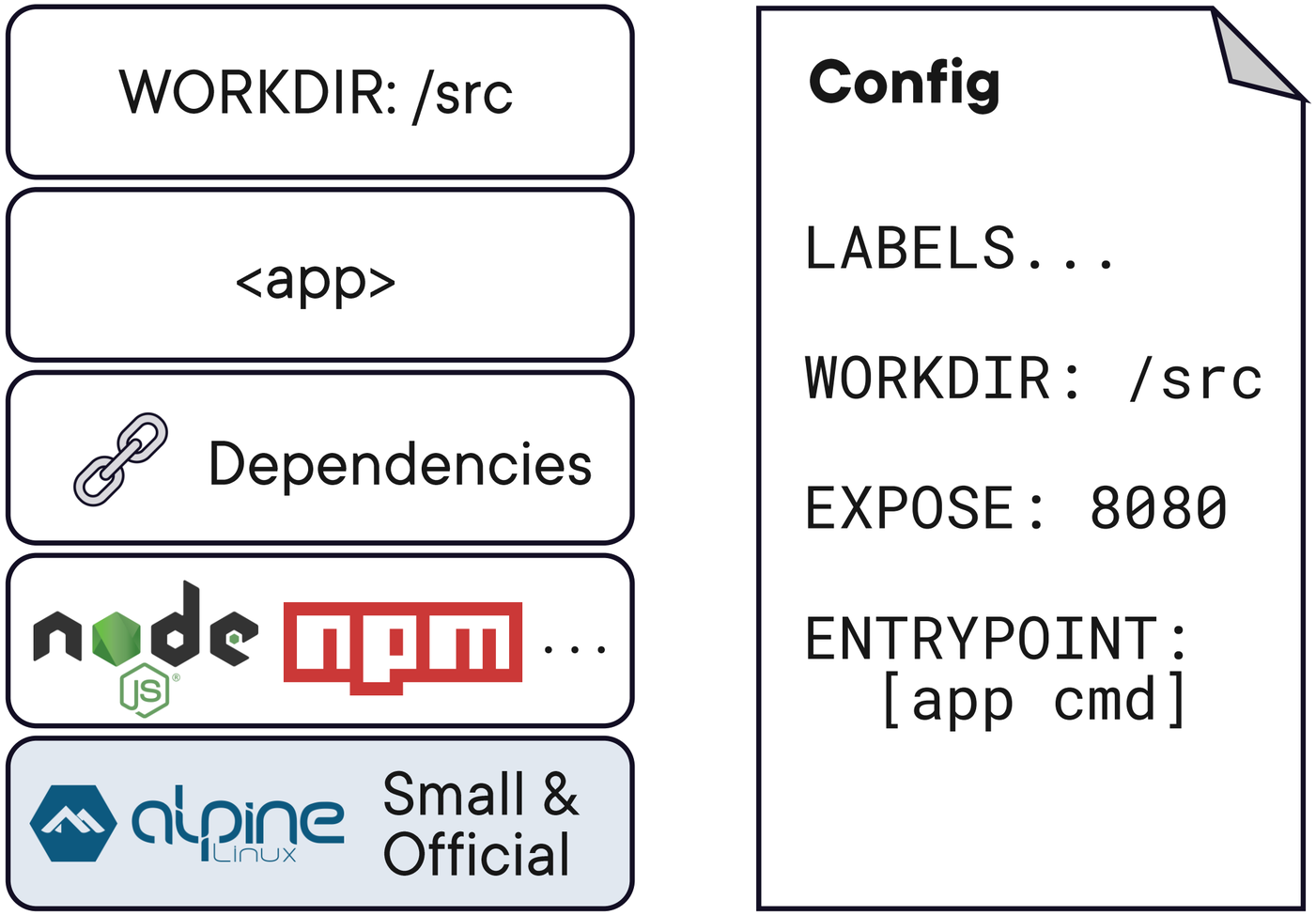
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ENTRYPOINT:
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Up Next:

# Building Images Deep Dive

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Up Next:

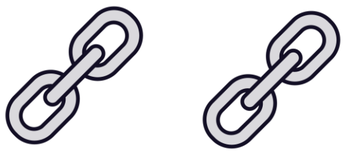
# Multi-stage Builds

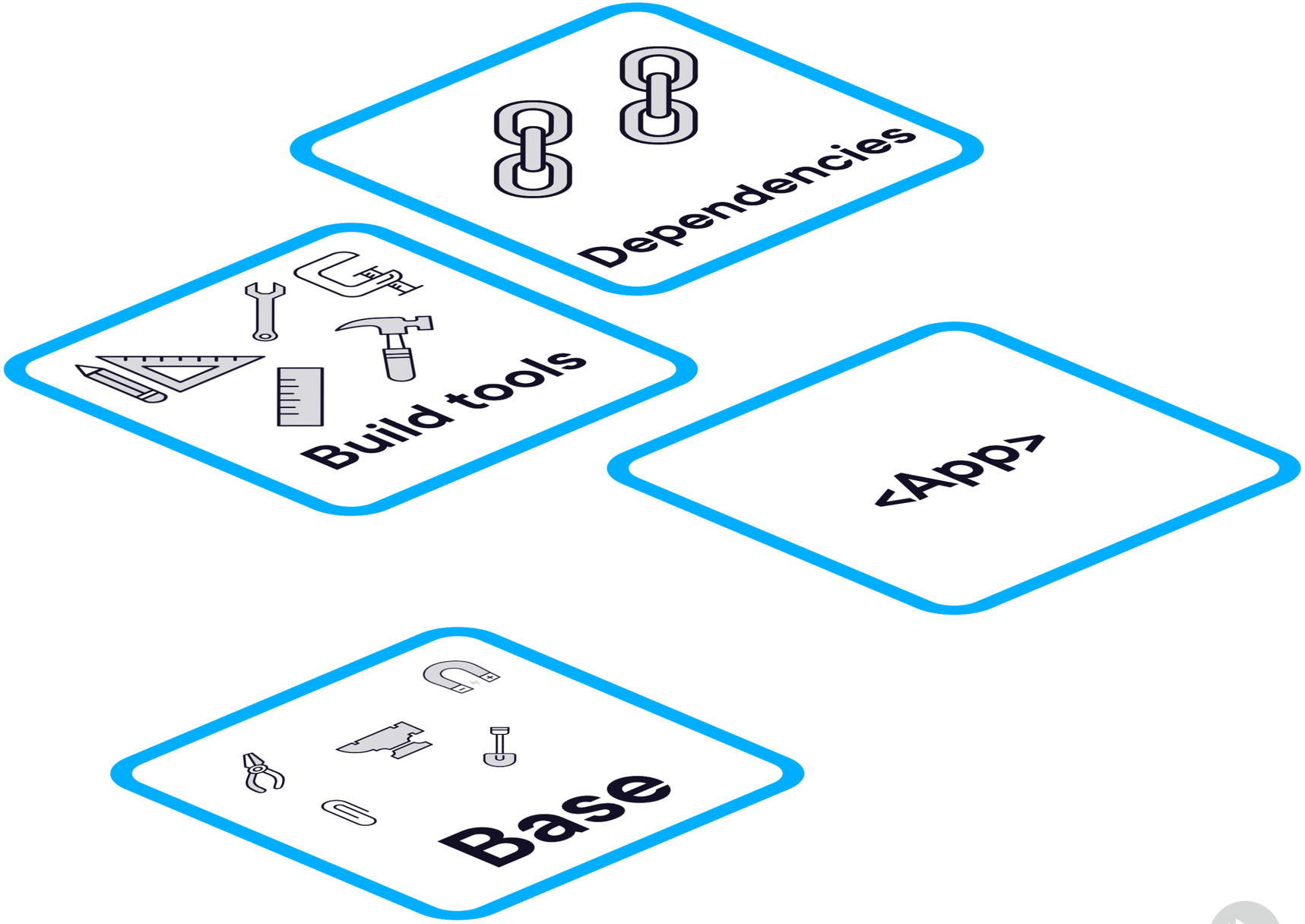
# Multi-stage Builds

# For images… smaller is better!

Tools, apps, packages

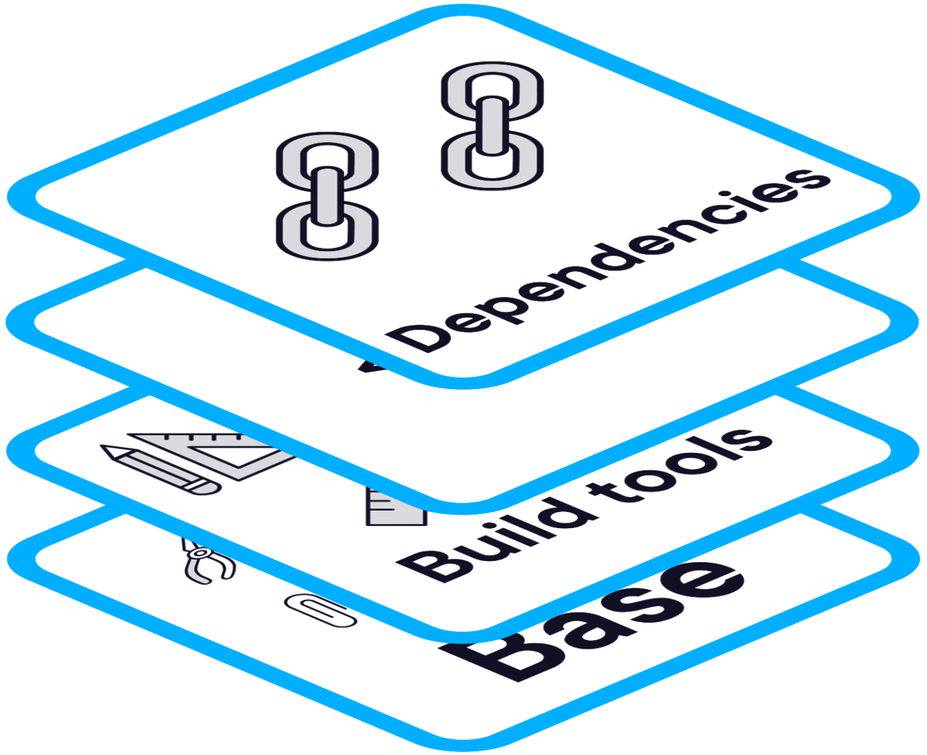
<app>





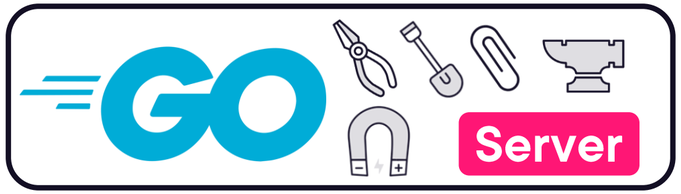
Tools, apps, packages

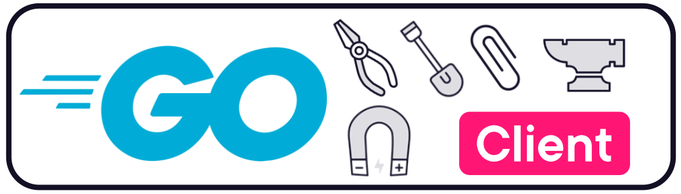
<app>

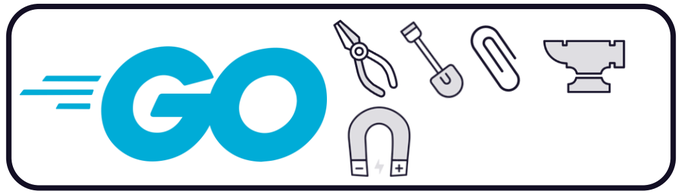



Ship to prod

SCRATCH
Client
Server


GO
Server


GO
Client

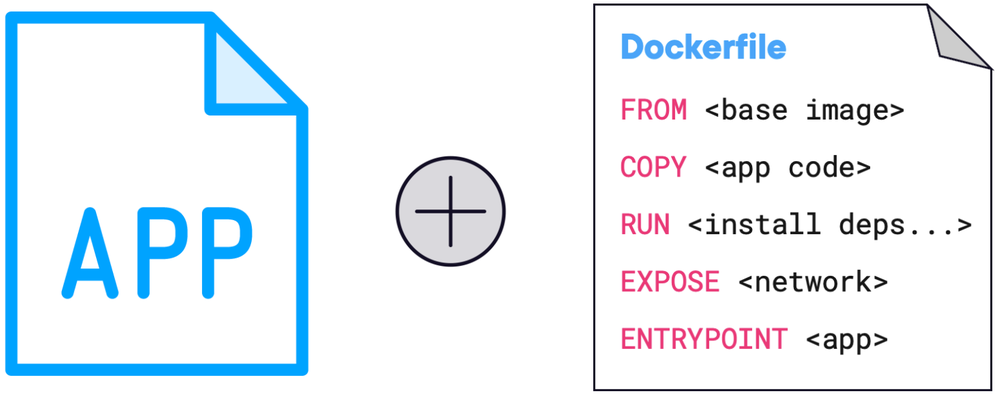

GO

Up Next:

# Recap

# Recap

APP


APP
Dockerfile
FROM <base image>
COPY <app code>
RUN <install deps...>
EXPOSE <network>
ENTRYPOINT <app>

**Dockerfile**

```
FROM <base image>

COPY <app code>

RUN <install deps...>

EXPOSE <network>

ENTRYPOINT <app>
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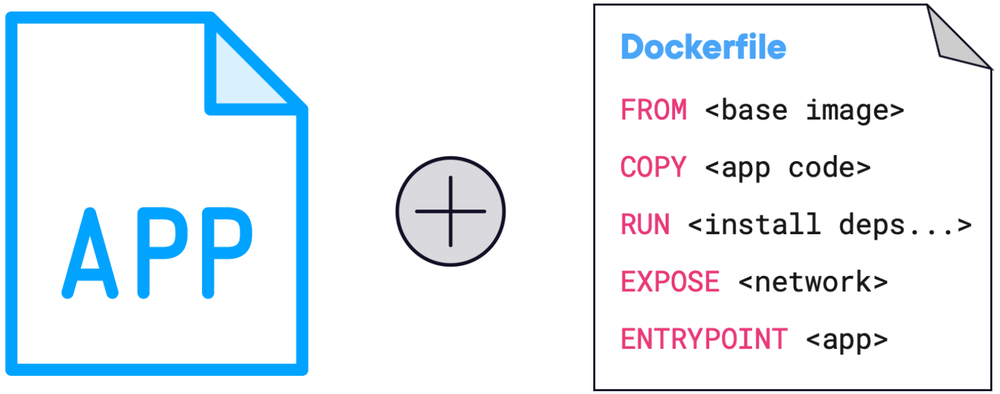
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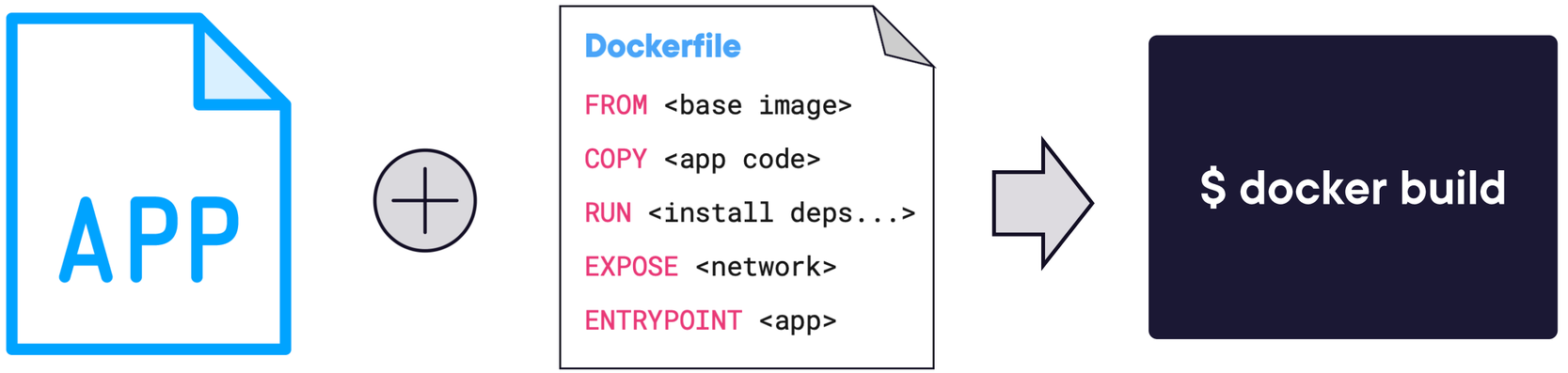
APP
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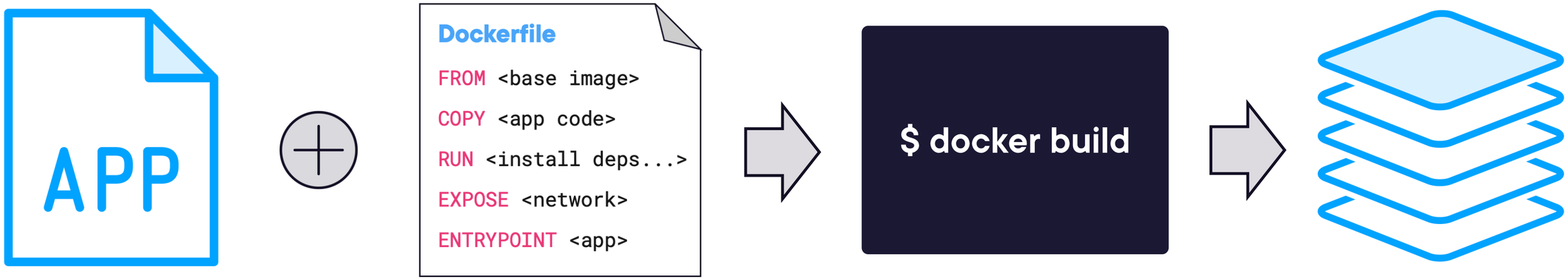
EXPOSE <network>
ENTRYPOINT <app>
$ docker build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# Multi-stage builds help us create small images suitable for production.

Up Next:

# Working With Containers