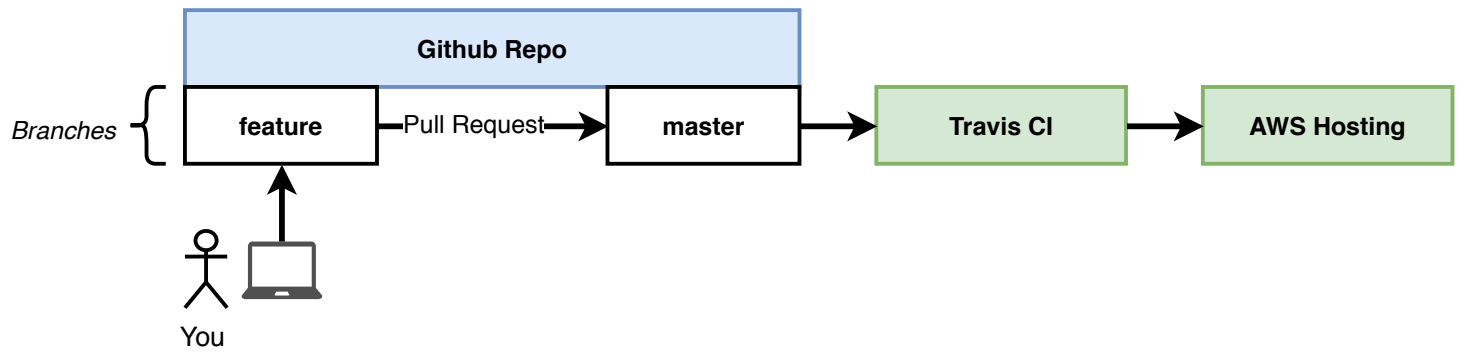
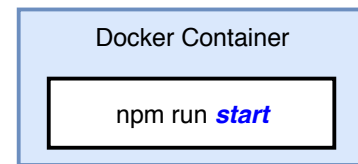
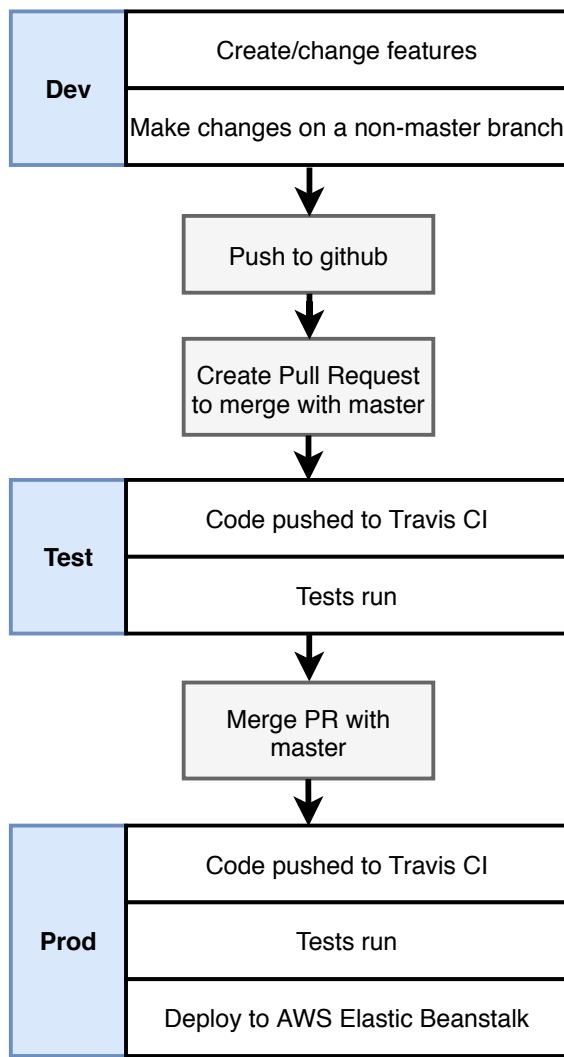


Real Project along with Docker

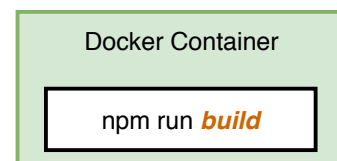


Flow



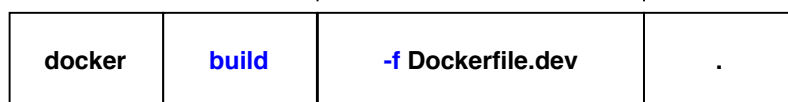
Dockerfile.dev

In Production...



Dockerfile.prod

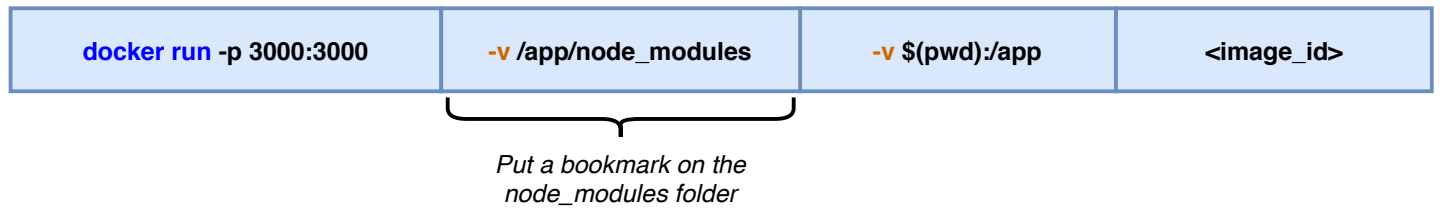
Specify the **dockerfile** for development



Specify directory of files/folders to use for the build

In development,
to make code changes into inside of container

reference folder :
Map the pwd into
the '/app' folder



docker-compose.yml

version: '3'

services:

web

build:

context:

.

dockerfile:

Dockerfile.dev

build 'Dockerfile.dev'

ports:

-

3000:3000

volumes:

-

/app/node_modules

'/app/node_modules' is a placeholder

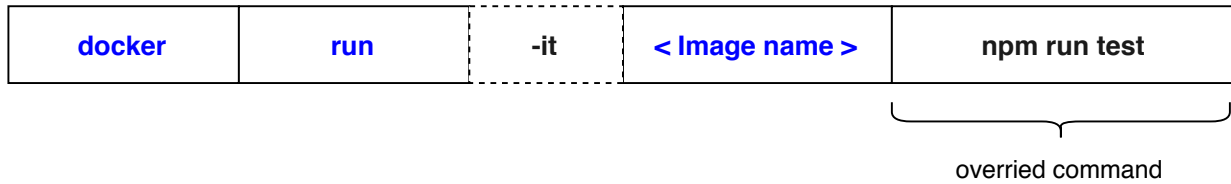
-

./app

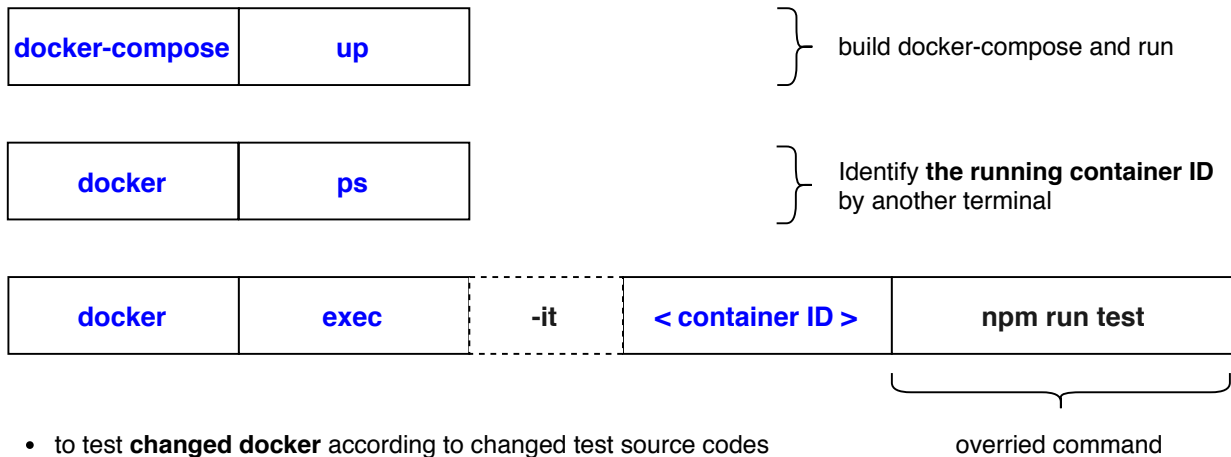
'/app' inside the container
reference to outside current directory

In test,

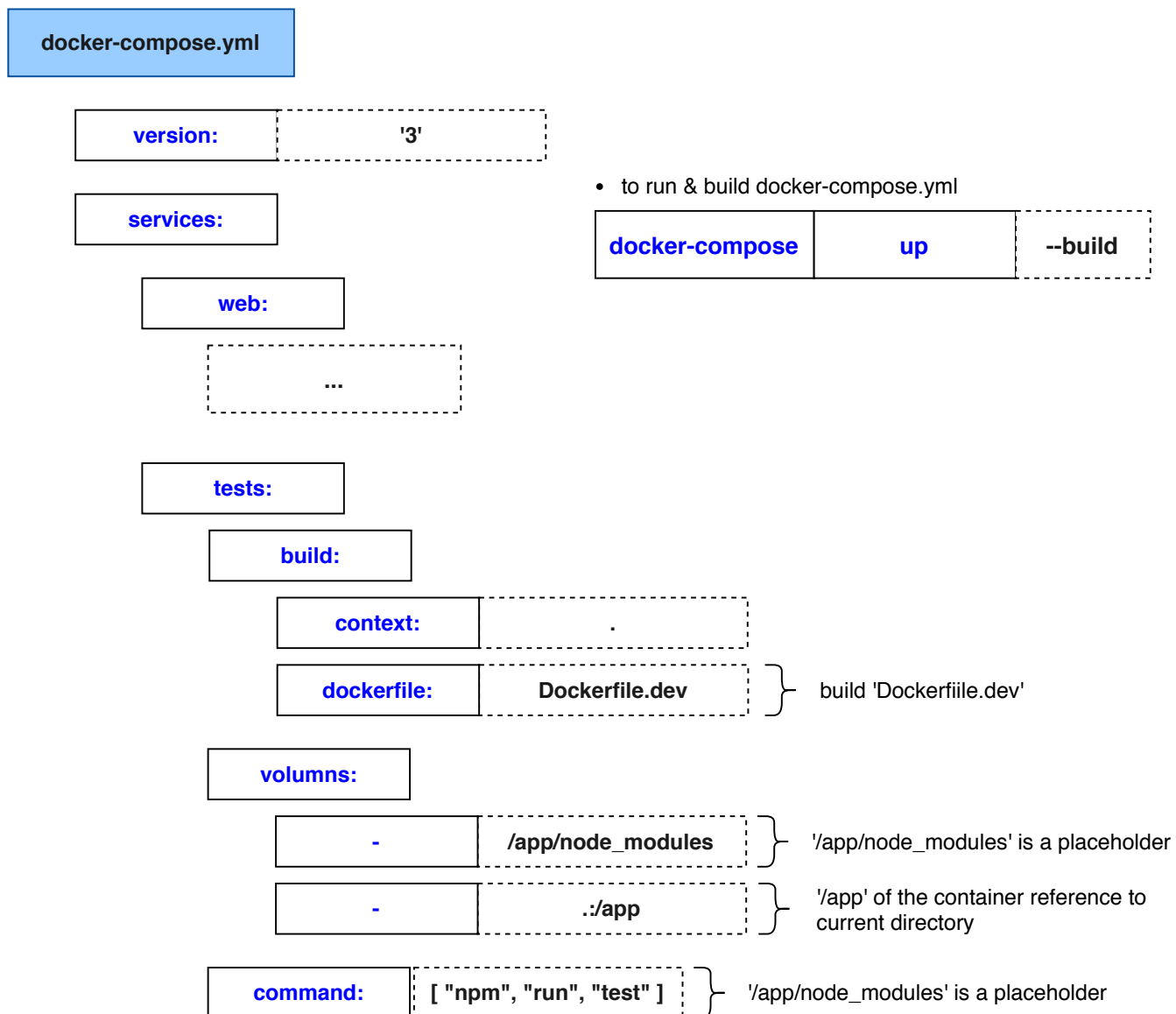
- to test docker once



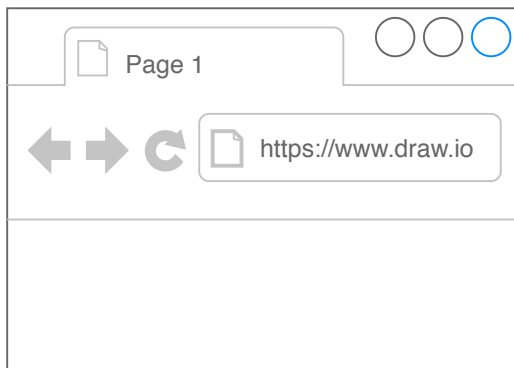
- to test docker according to **changed test source codes**



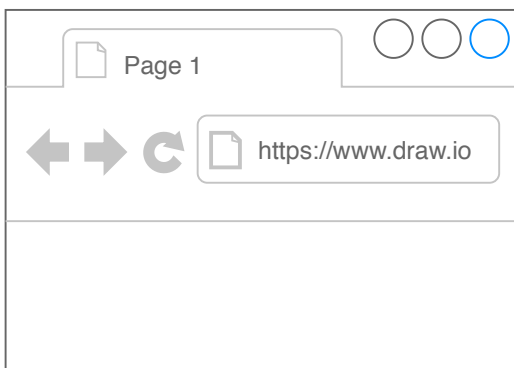
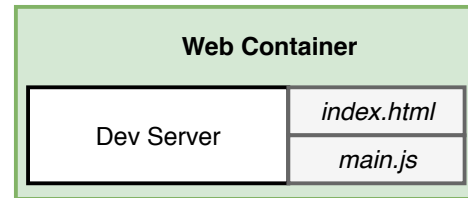
- to test **changed docker** according to changed test source codes



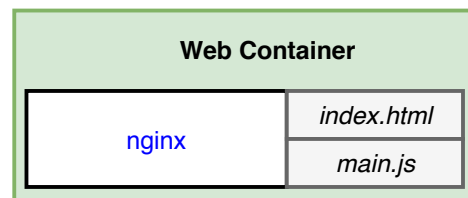
In production,



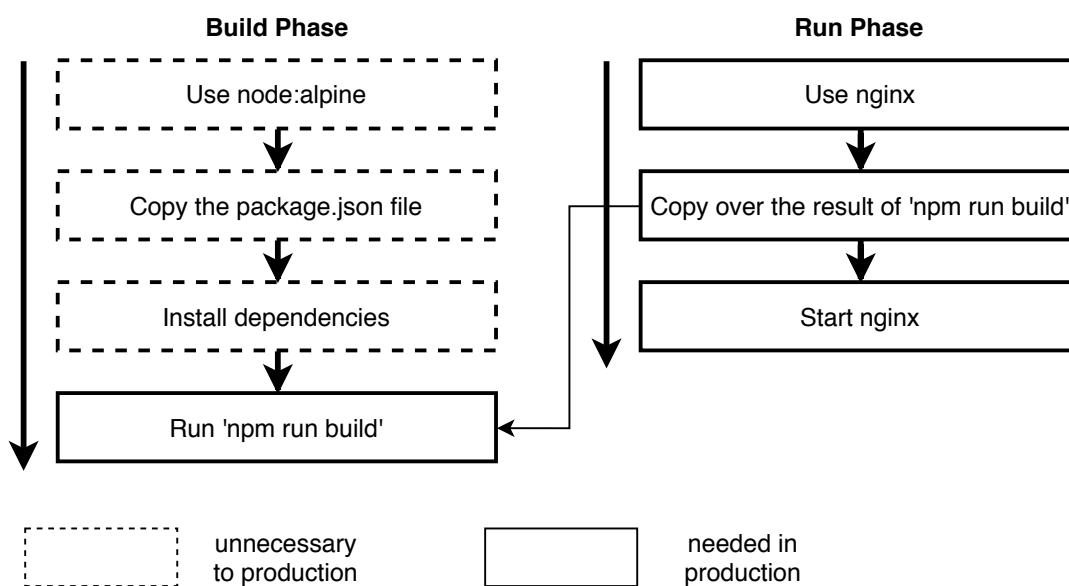
Dev Environment



Prod Environment



multi configuration of build for production



Dockerfile for multi step builds

FROM	node:alpine	as	builder
------	-------------	----	---------

WORKDIR	'/app'
---------	--------

build stage name

COPY	package.json .
------	----------------

RUN	npm install
-----	-------------

COPY	..
------	----

RUN	npm run build
-----	---------------

FROM	nginx
------	-------

folder inside of
source container

COPY	--from=builder	/app/build	/usr/share/nginx/html
------	----------------	------------	-----------------------

copy from the stage 'builder'

folder inside of
target container