

Docker Compose - React

Dockerfile

```
# Build stage 1.
# to build and compile the frontend
FROM node as builder

# define working directory
WORKDIR /app

# copy configuration files
COPY package.json ./

# install npm
RUN npm install

# copy all code file from local to container
COPY . ./

# Bundles the app into static files for production.
RUN npm run build

# Build stage 2.
# ready for production with Nginx
FROM nginx

# define working directory
WORKDIR /usr/share/nginx/html

# remove all files from html inside container
RUN rm -rf ./.*

# we can copy files from a previous stage , we'll copy it to the nginx
directory, just as static files
```

```
COPY --from=builder /app/build .  
  
# Run nginx in the foreground.  
ENTRYPOINT ["nginx", "-g", "daemon off;" ]
```

Commands:-

This will build docker image from Dockerfile

—> `sudo docker build -t react-app:latest .`

This will run container on defined port

—> `sudo docker run -d -p 8088:80 --name react-app react-app:latest`

To see the output with curl

—> `curl localhost:8088`

Output:--

