

DOCKERFILES

- build
- config
- node_modules
- public
- scripts
- src

🔒 .gitignore

🚢 **Dockerfile**

{ } package.json

📄 README.md

👤 yarn.lock

```
# Set a 'Base Image' as the
# foundation
FROM nginx:alpine
LABEL maintainer="Ryan Waskiewicz".
```

```
# Copy our built application to a
# place NGINX can serve it
COPY build/ /usr/share/nginx/html
```

```
# Define port that our container
# will listen to at runtime
EXPOSE 80
```

```
# Start NGINX in the container
CMD ["nginx", "-g", "daemon off;"]
```

DOCKERFILE → IMAGE → CONTAINER

- ▶ Our Dockerfile creates a 'Docker Image'

```
$ docker build -t puzzle-app .
```

- ▶ That *Image* can be shared with the development community, colleagues
- ▶ From a single *Image* one or more *Containers* can be created

```
$ docker run puzzle-app
```

