CUSTOMER CARE REGISTARY

UPLOAD IMAGE TO IBM CONTAINER REGISTARY

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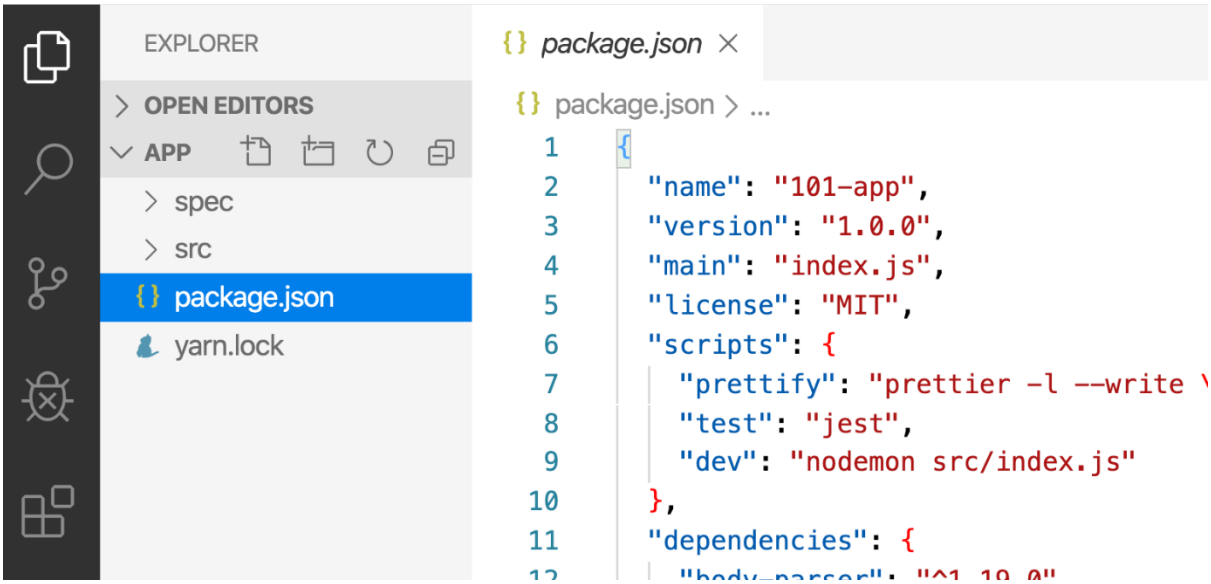
Containerize the app

- Docker running locally. Follow the instructions to **download and install** Docker
- An IDE or a text editor to edit files. Docker recommends using Visual Studio Code.
- A conceptual understanding of containers and images.



Build the app's container image

In order to build the container image, you'll need to use a `Dockerfile`. A Dockerfile is simply a text-based file with no file extension. A Dockerfile contains a script of instructions that Docker uses to create a container image.

1. In the `app` directory, the same location as the `package.json` file, create a file named `Dockerfile`. You can use the following commands below to create a Dockerfile based on your operating system.
   - Mac / Linux
   - Windows

In the Windows Command Prompt, run the following commands listed below.

Change directory to the `app` directory. Replace `\path\to\app` with the path to your `getting-started\app` directory.

```
$ cd \path\to\app
```

Create an empty file named `Dockerfile`.

```
$ type nul > Dockerfile
```

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2. Using a text editor or code editor, add the following contents to the Dockerfile:

```
# syntax=docker/dockerfile:1
FROM node:12-alpine
RUN apk add --no-cache python2 g++ make
WORKDIR /app
COPY . .
RUN yarn install --production
CMD ["node", "src/index.js"]
EXPOSE 3000
```

Note

Select an instruction in the Dockerfile example to learn more about the instruction.

11. Build the container image using the following commands:

In the terminal, change directory to the `getting-started/app` directory.

Replace `/path/to/app` with the path to your `getting-started/app` directory.

```
$ cd /path/to/app
```

Build the container image.

```
$ docker build -t getting-started.
```