**Section 11.4 Notes**

**Commands:**

*Docker Build (make sure you have set your PIP\_EXTRA\_INDEX\_URL environment variable):*

*Windows:*

docker build --build-arg PIP\_EXTRA\_INDEX\_URL=%PIP\_EXTRA\_INDEX\_URL% -t YOUR\_APP\_NAME:latest .

*OS X / Linux:*

docker build --build-arg PIP\_EXTRA\_INDEX\_URL=${PIP\_EXTRA\_INDEX\_URL} -t YOUR\_APP\_NAME:latest .

*View built images:*

docker images

*Run the docker image:*

docker run --YOUR\_APP\_NAME -d -p 8000:5000 --rm YOUR\_APP\_NAME:latest

*View running containers:*

docker ps

*View container logs (get the container ID by running* docker ps)*:*

docker logs CONTAINER\_ID --tail

**Links**

Docker build reference:

<https://docs.docker.com/engine/reference/commandline/build/>

Docker run reference:

<https://docs.docker.com/engine/reference/run/>

Docker logs reference:

<https://docs.docker.com/engine/reference/commandline/container_logs/>