

Exercise Solution

In this lesson, we will go over the step-by-step solution for the exercise: Publish an Image and Run a Container on Another Machine.

- Head to <https://hub.docker.com/> with a browser and click the *Sign Up* link.
- Create an account with the *Docker ID* you wish. For the rest of this solution we'll suppose it is *learnbook*, but you can replace it with your own.
- Open a command-line.
- Run the following commands:

```
docker tag jsparam learnbook/jsparam
docker login -u learnbook -p <your-password>
docker push learnbook/jsparam
```



- Get another machine that runs *Docker Engine* or *Docker Desktop* and open a command-line.
- Run the following commands:

```
docker run --rm -e diameter=3.5 learnbook/jsparam
docker run --rm -e diameter=1.5 learnbook/jsparam
```



You should get the following output:

```
> docker run --rm -e diameter=3.5 learnbook/jsparam
Unable to find image 'learnbook/jsparam:latest' locally
latest: Pulling from learnbook/jsparam
Digest: sha256:a80621fe...328f3
Status: Downloaded newer image for learnbook/jsparam:latest
Area of a 1.75 cm radius disk:
9.62112750161874 cm2
```

```
> docker run --rm -e diameter=1.5 learnbook/jsparam
```

```
Area of a 0.75 cm radius disk:
```

```
1.7671458676442586 cm2
```

Let's move on to private registries in the next lesson.