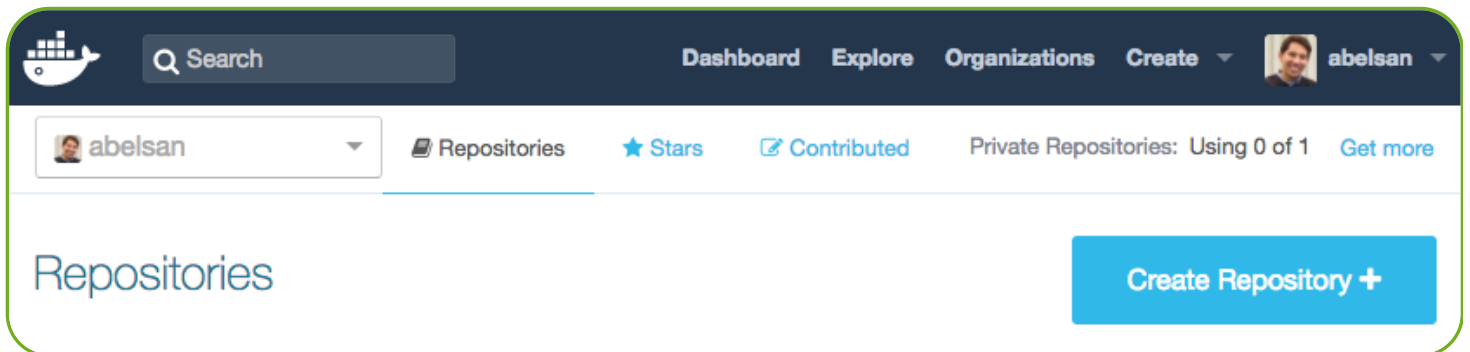


Create and Publish a Docker Image

Login to docker hub and create a repository for your image (hub.docker.com). Once we are done creating the image, you will push into this repository. For this example, I created a repository called "abelsan/cabinfever"



Create an application and a docker file for the application. Then, create a docker image for the application. Name your image YourDockerUsername/YourImageName. In this example the username is "abelsan" and the image name is "cabinfever"

```
1 | # create docker image
2 | $ docker build -t abelsan/cabinfever .
```

Test your new image.

```
1 | # "-p 8080:3000" sets the container port to 3000 and the host port to 8080
2 | # "--name cabinfeverInstance" sets the container name to cabinfeverInstance
3 | # "-t cabinfever" references the cabinfever image
4 | $ docker run -p 8080:3000 --name cabinfeverInstance -t abelsan/cabinfever
```

After you confirm your application works, push your image to docker hub

```
1 | # note the username/image matches the docker repository
2 | $ docker push abelsan/cabinfever
```

To use the image, enter the pull command

```
1 | $ docker pull abelsan/cabinfever
```