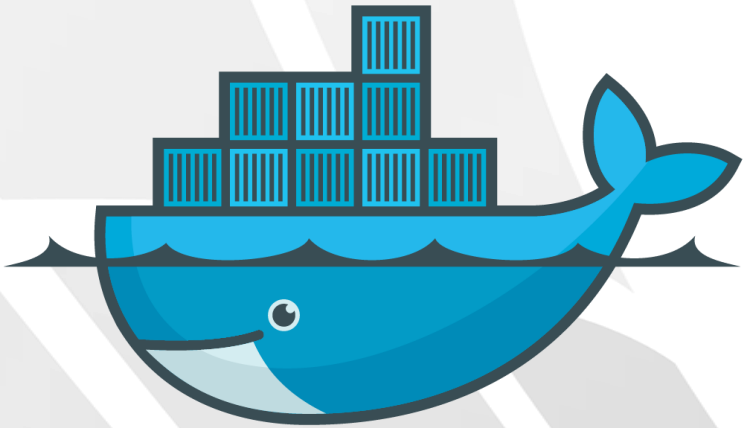
SELA

Module 09: Working with Registries

Docker Workshop



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Agenda

- Docker Registries
- Pushing images to Docker Hub

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Docker Registries

- Used to share and manage Docker images
- Docker Hub is the default registry
- There are also private registries (Artifactory, GCP, Azure, AWS, etc)

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Pushing images to the Docker Hub

1. Create an account (free)
2. Create a new repository
3. Tag the image following the convention
4. Login to Docker Hub
5. Push the image

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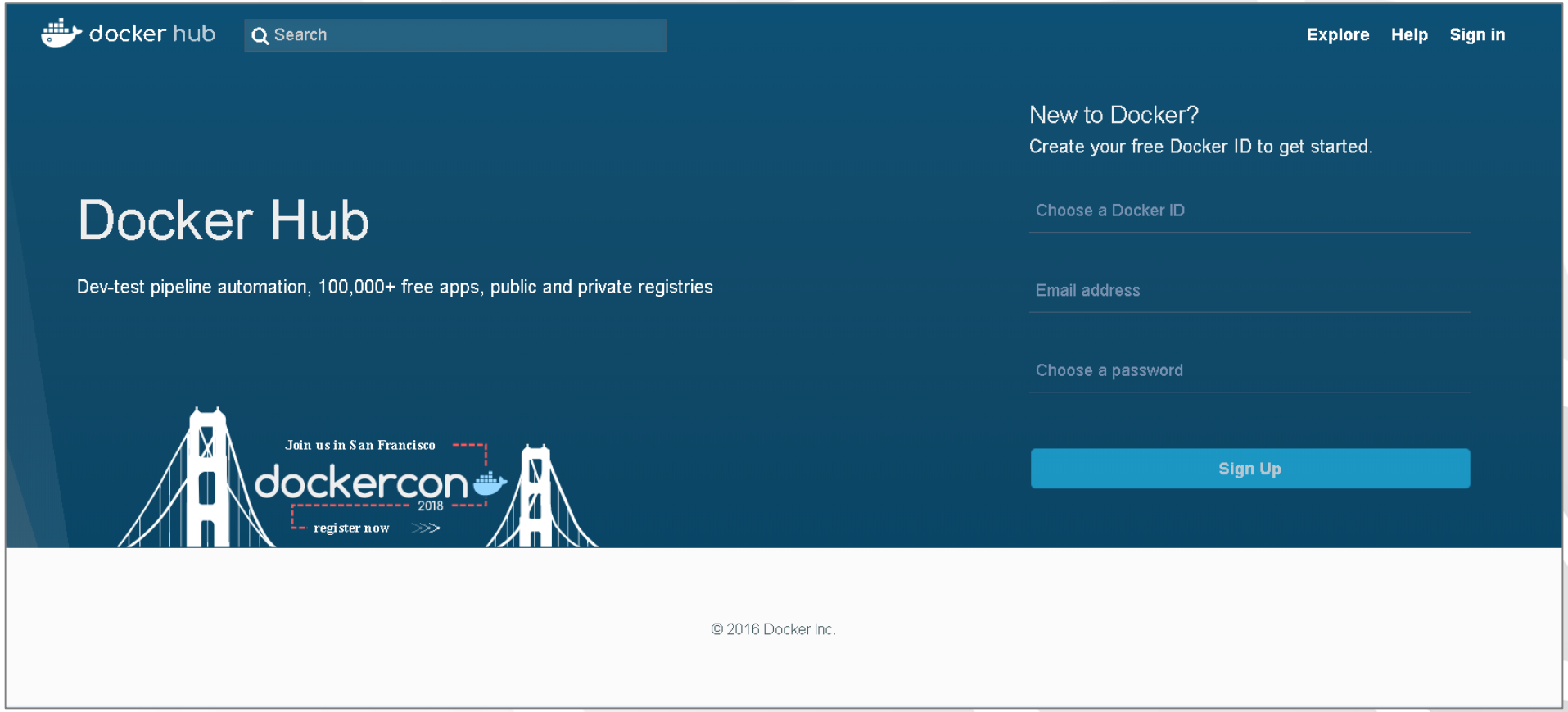
Push to Docker Hub – Create an account



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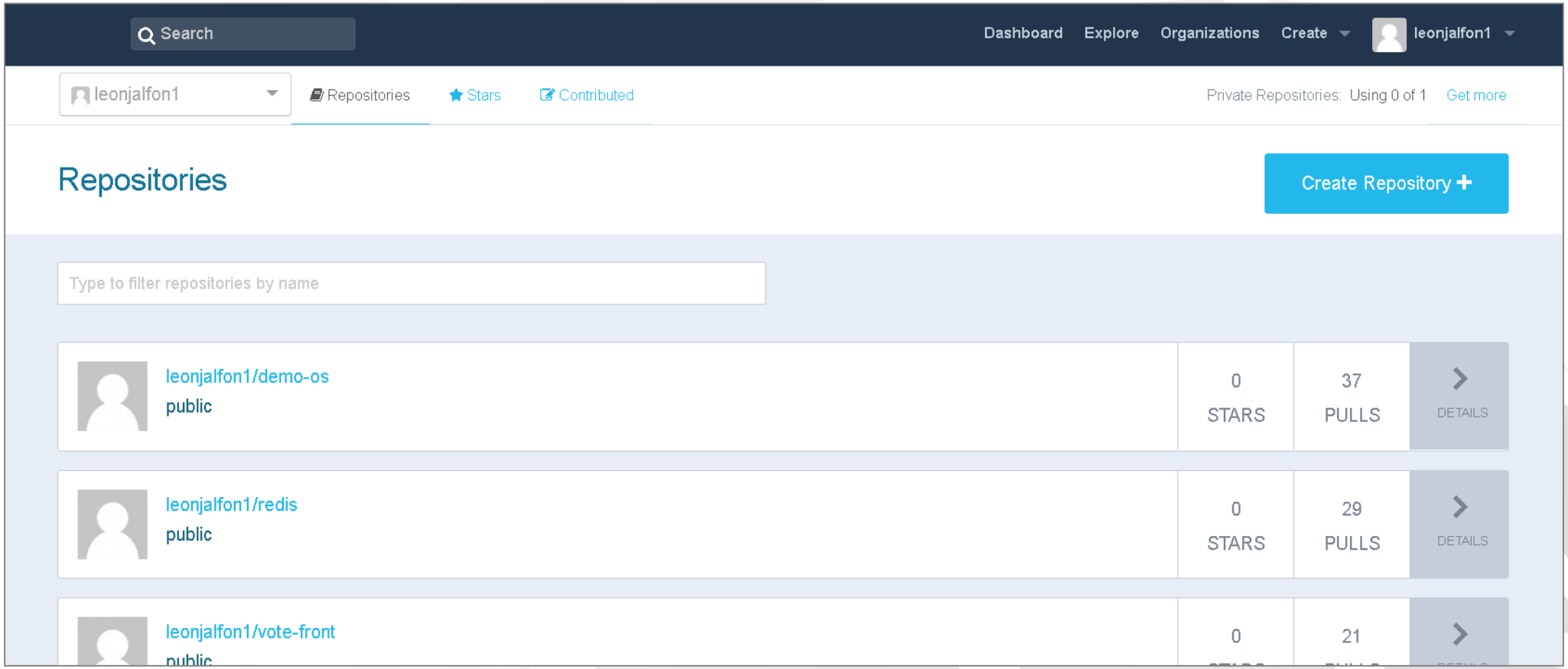
Push to Docker Hub – Create a repository



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Push to Docker Hub – Tag the Image

- To create a new tag for the image use:

```
$ docker tag <image-id> <username>/<repo-name>:<tag>
```

- The name of the image must follow the format:

  <username>/<repository>:<tag>

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Push to Docker Hub – Login

- Login using the Docker Hub credentials

```
$ docker login -u <username> -p <password>
```

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Push to Docker Hub – Push the Image

```
$ docker push <username>/<repo-name>:<tag>
```

- Then the image will be available in the docker hub
- You can see all the version pushed to the repository in the repository page

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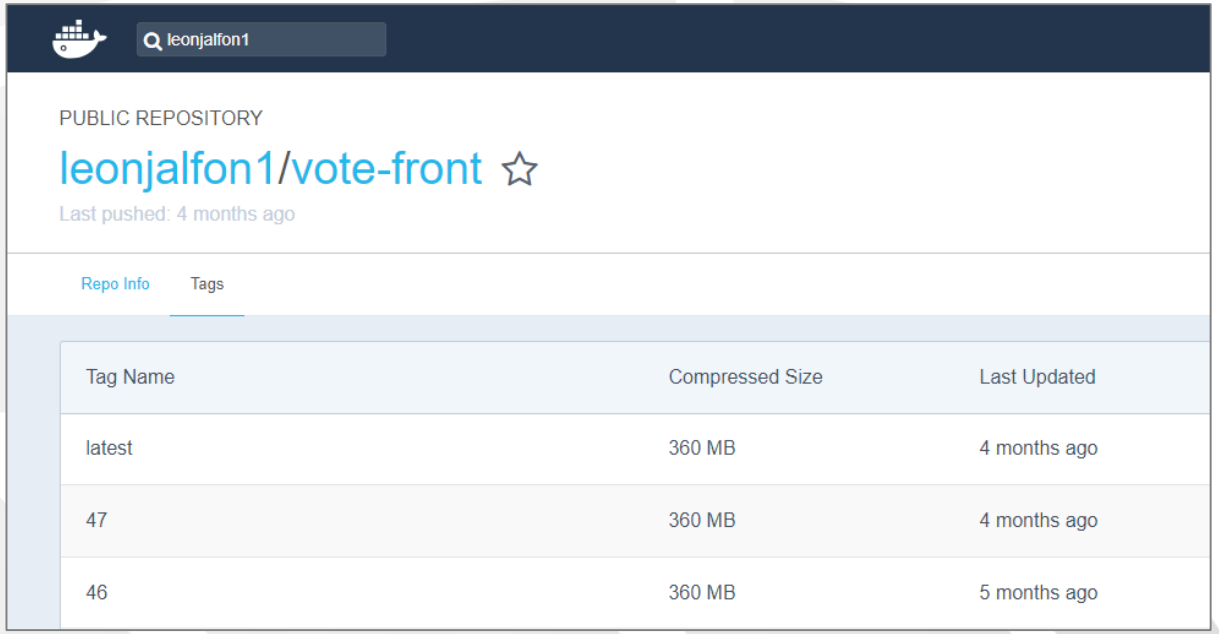
Pulling images from the Docker Hub

1. Login (for private repos)
2. Pull the image




```
$ docker pull <username>/<repo-name>:<tag>
```

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Questions

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Lab 09: Working with Docker Hub

Lab

https://gitlab.com/sela-docker-workshop/lab-09

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