

## 9. Using the Docker Client

→ prod git:(master)

1. stephengrider@stephens-MacBook-Pro: ~/workspace/DockerWorkspace/prod (zsh)

www.udemy.com – To exit full screen, press Esc

{}



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```
Version:          18.06.0-ce
API version:     1.38
Go version:      go1.10.3
Git commit:      0ffa825
Built:            Wed Jul 18 19:05:26 2018
OS/Arch:          darwin/amd64
Experimental:    false
```

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Server:
Engine:
Version:          18.06.0-ce
API version:     1.38 (minimum version 1.12)
Go version:      go1.10.3
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→ prod git:(master) docker run hello-world



1. docker run hello-world (docker)

→ prod git:(master) docker run hello-world  
Unable to find image 'hello-world:latest' locally

1. docker run hello-world (docker)

(amd64)

3. The Docker daemon created a new container from that image which runs the executable that produces the output you are currently reading.
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To try something more ambitious, you can run an Ubuntu container with:  
\$ docker run -it ubuntu bash

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Status: Downloaded newer image for hello-world:latest

Hello from Docker!

This message shows that your installation appears to be working correctly.

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latest: Pulling from library/hello-world

9db2ca6ccae0: Pull complete

Digest: sha256:4b8ff392a12ed9ea17784bd3c9a8b1fa3299cac44aca35a85c90c5e3c7af

acdc

Status: Downloaded newer image for hello-world:latest

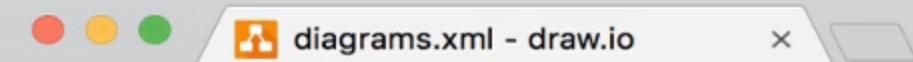
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## Steps

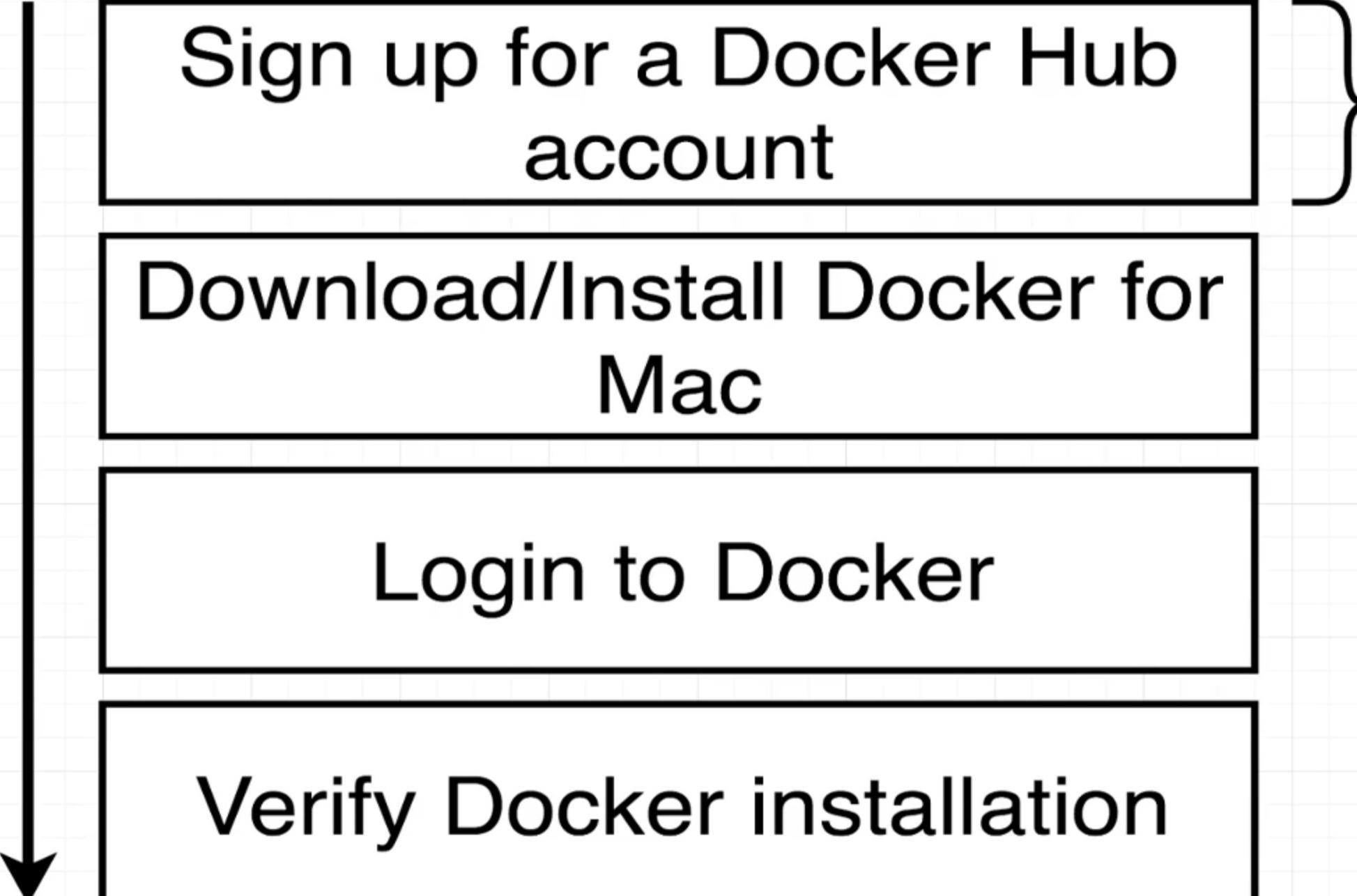
Sign up for a Docker Hub account

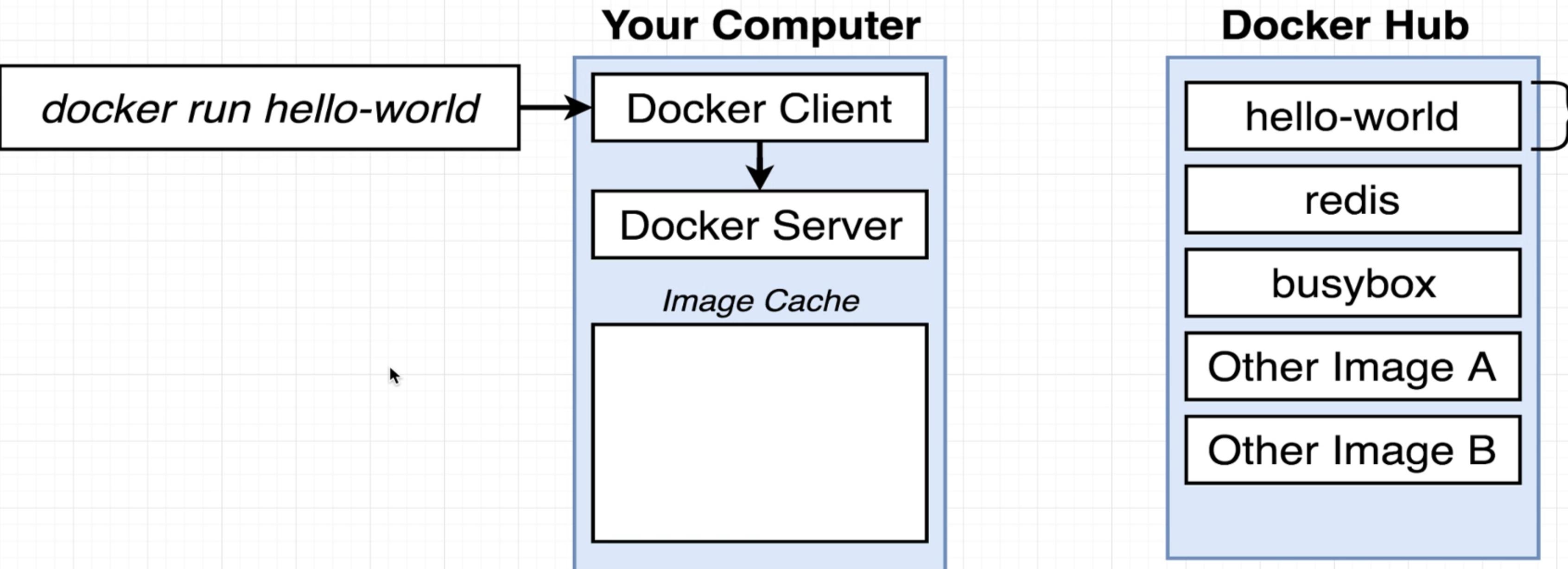
Download/Install Docker for Mac

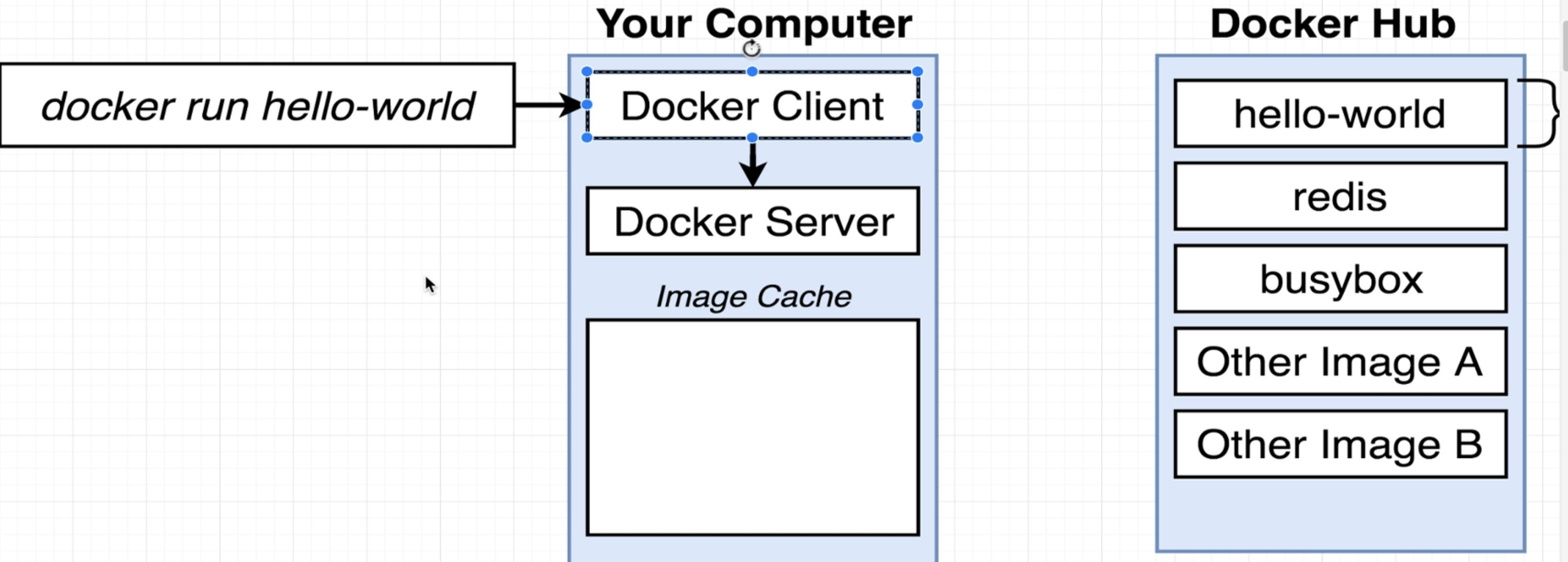
Login to Docker

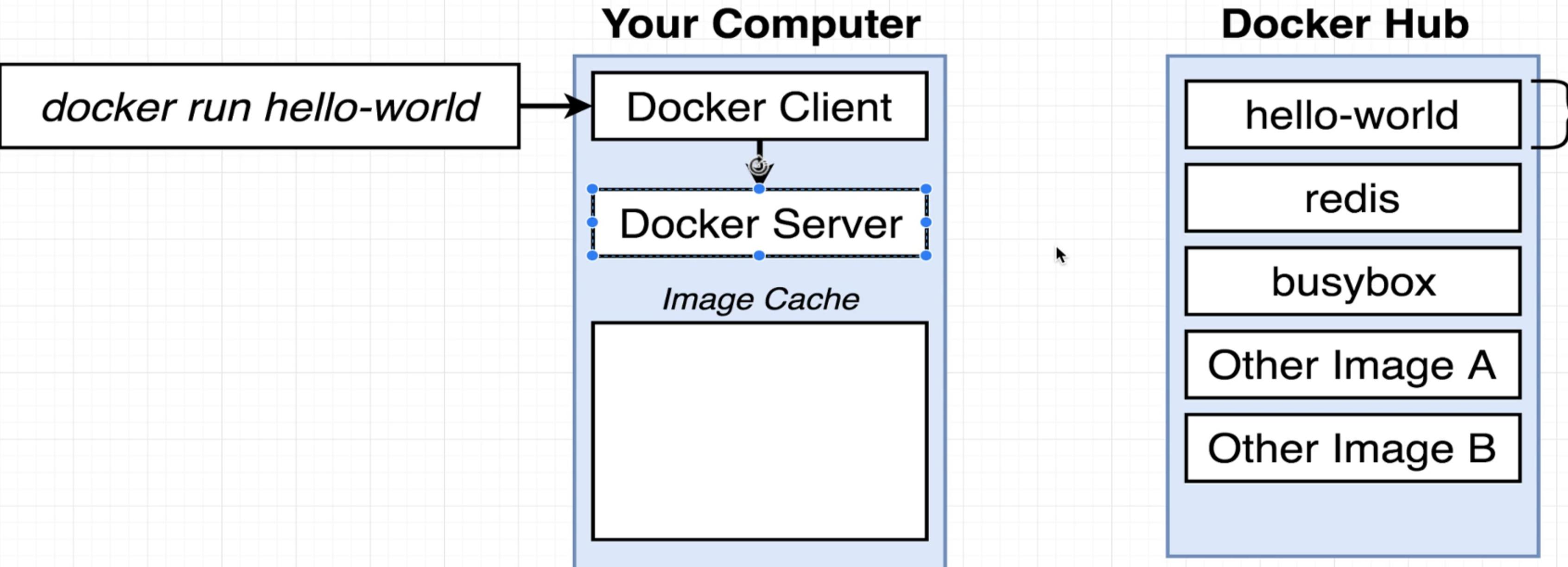
Verify Docker installation

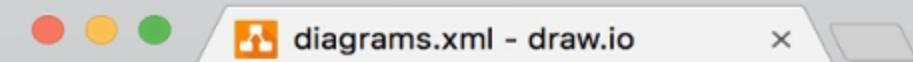
*docker.com*











150%



## Your Computer

*hello-world*

Docker Client

Docker Server

*Image Cache*

## Docker Hub

*hello-world*

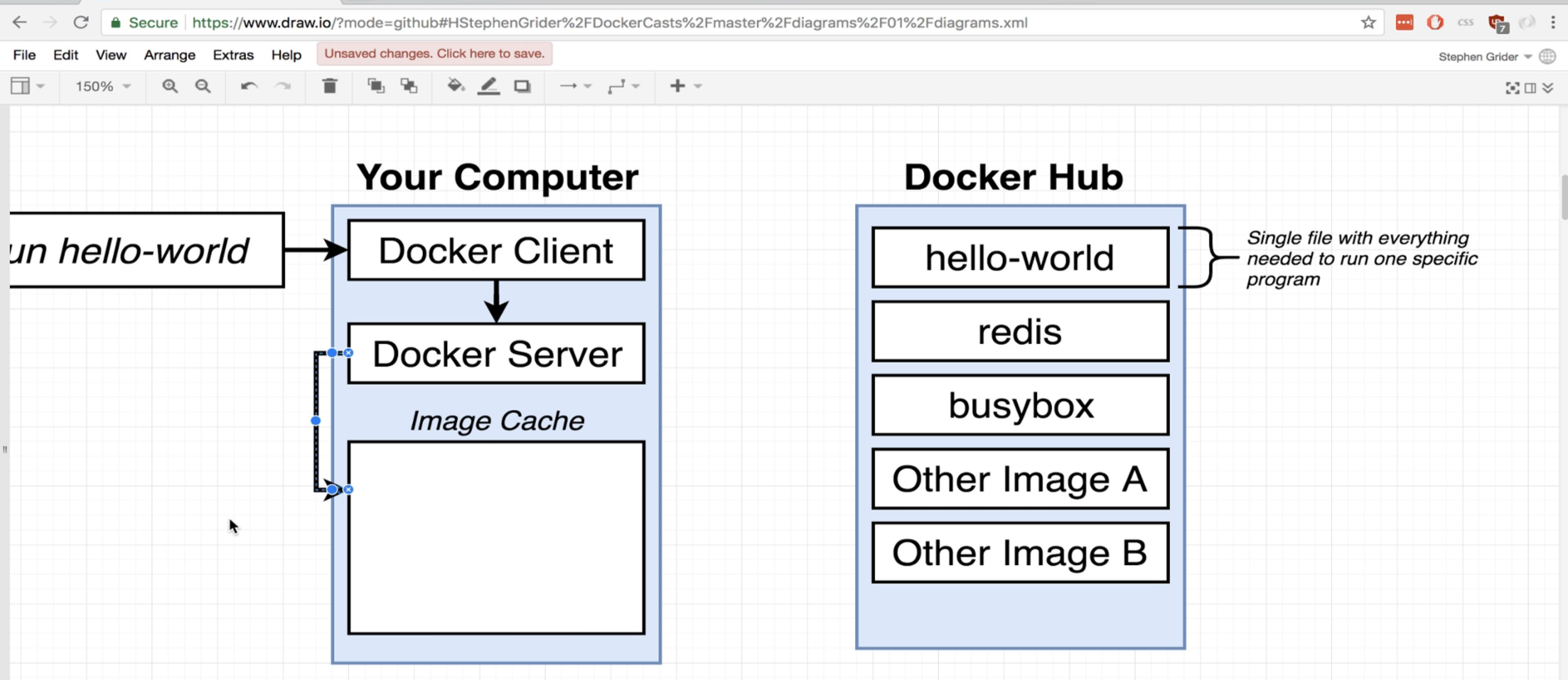
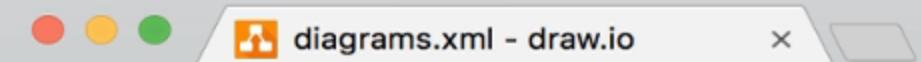
*redis*

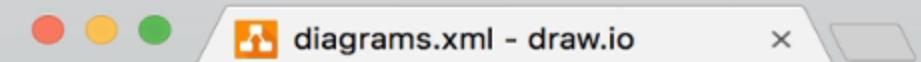
*busybox*

*Other Image A*

*Other Image B*

*Single file with everything  
needed to run one specific  
program*





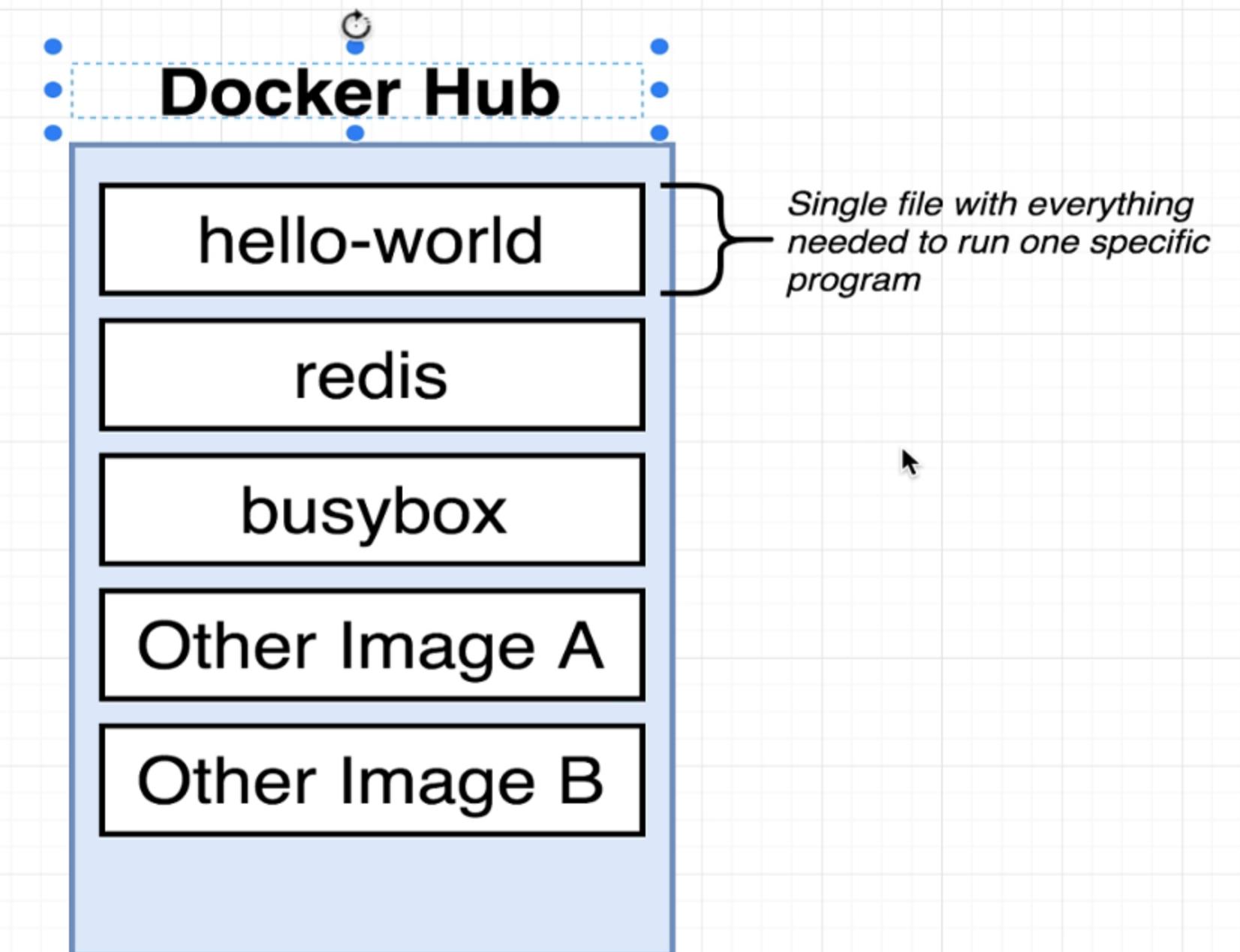
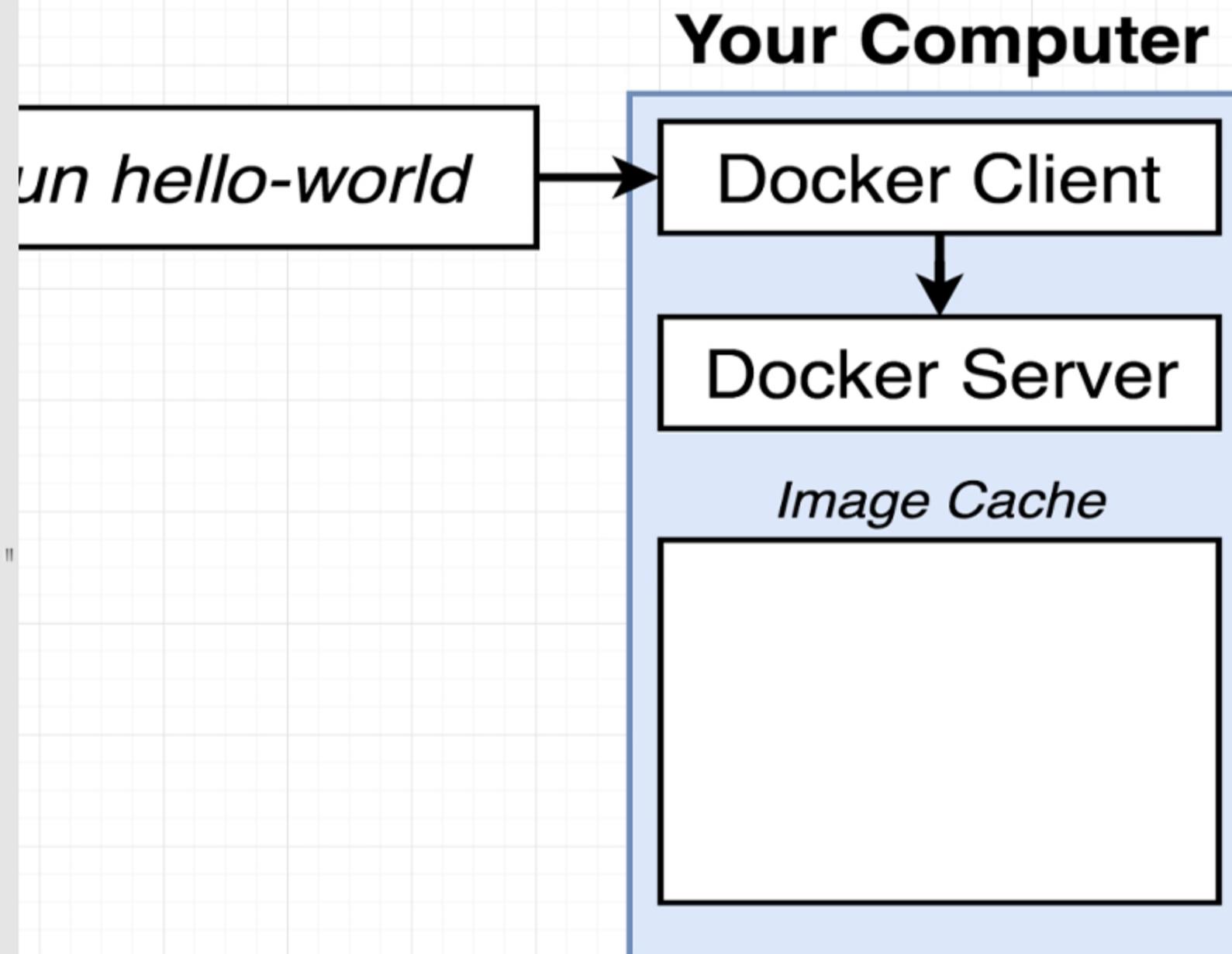
Secure | https://www.draw.io/?mode=github#HStephenGrider%2FDockerCasts%2Fmaster%2Fdiagrams%2F01%2Fdiagrams.xml

Stephen

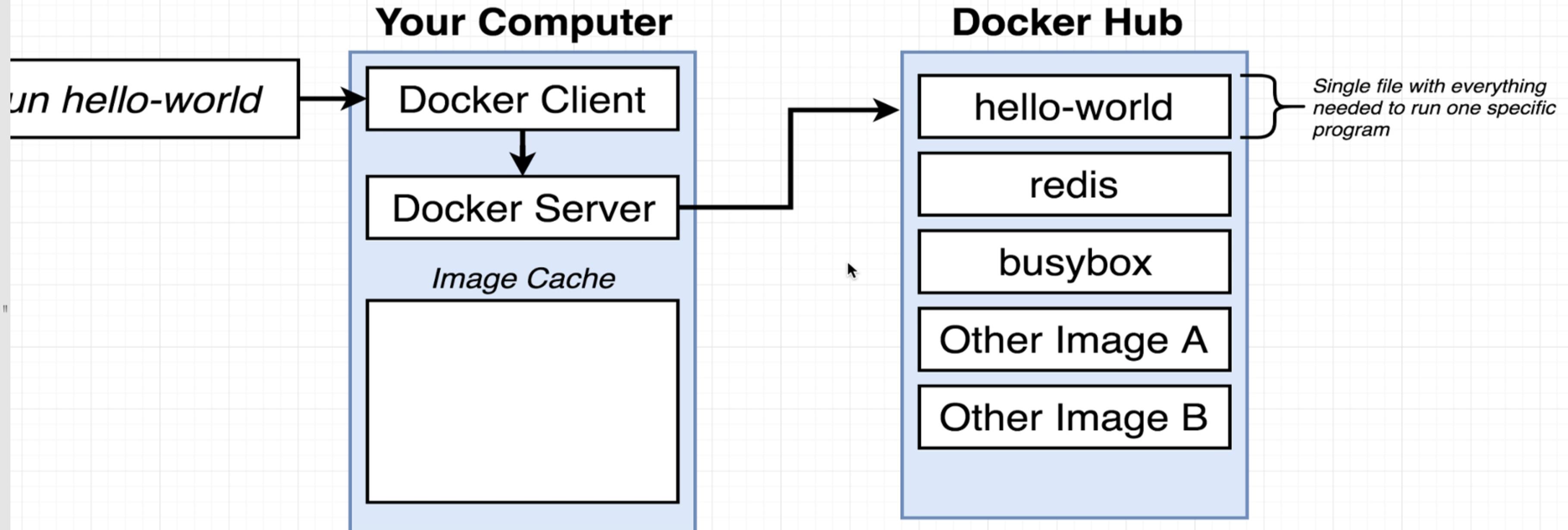
File Edit View Arrange Extras Help Unsaved changes. Click here to save.

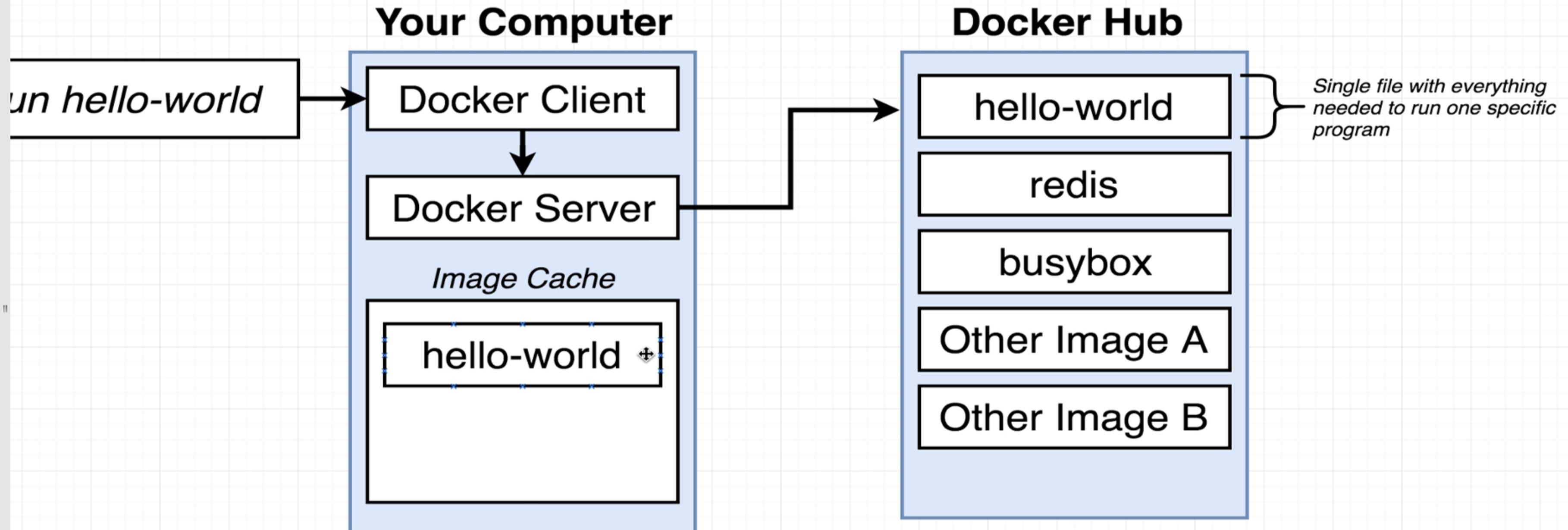
Stephen Grider

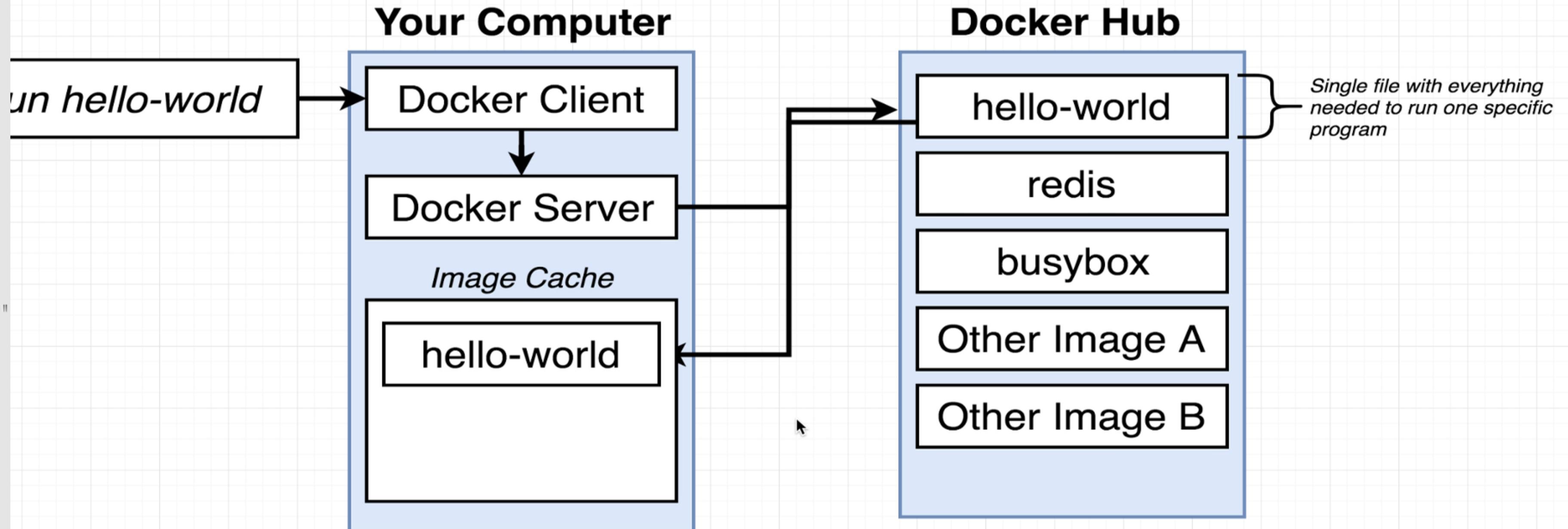
150% Zoom Search Reset Fit Print + -

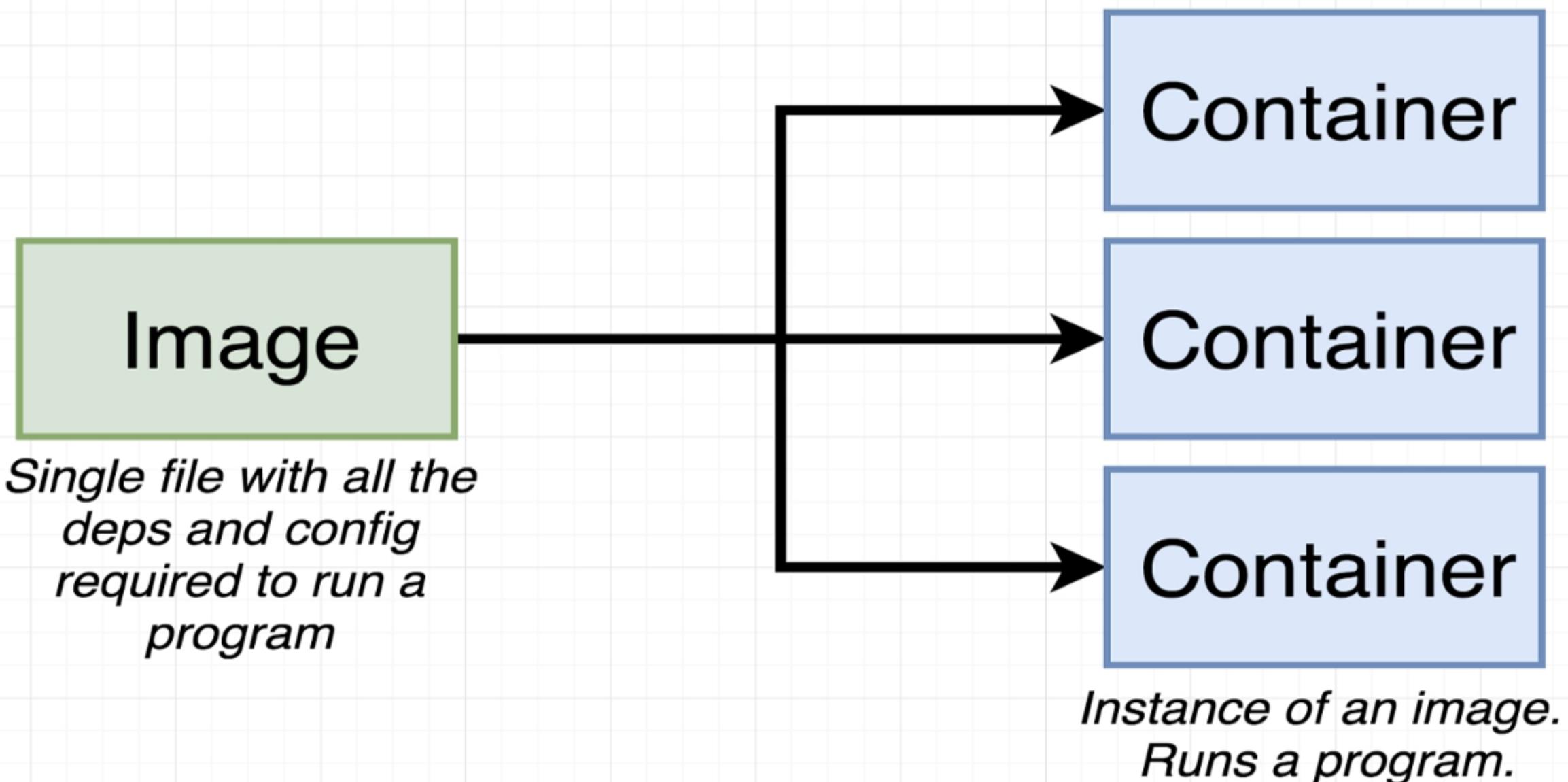


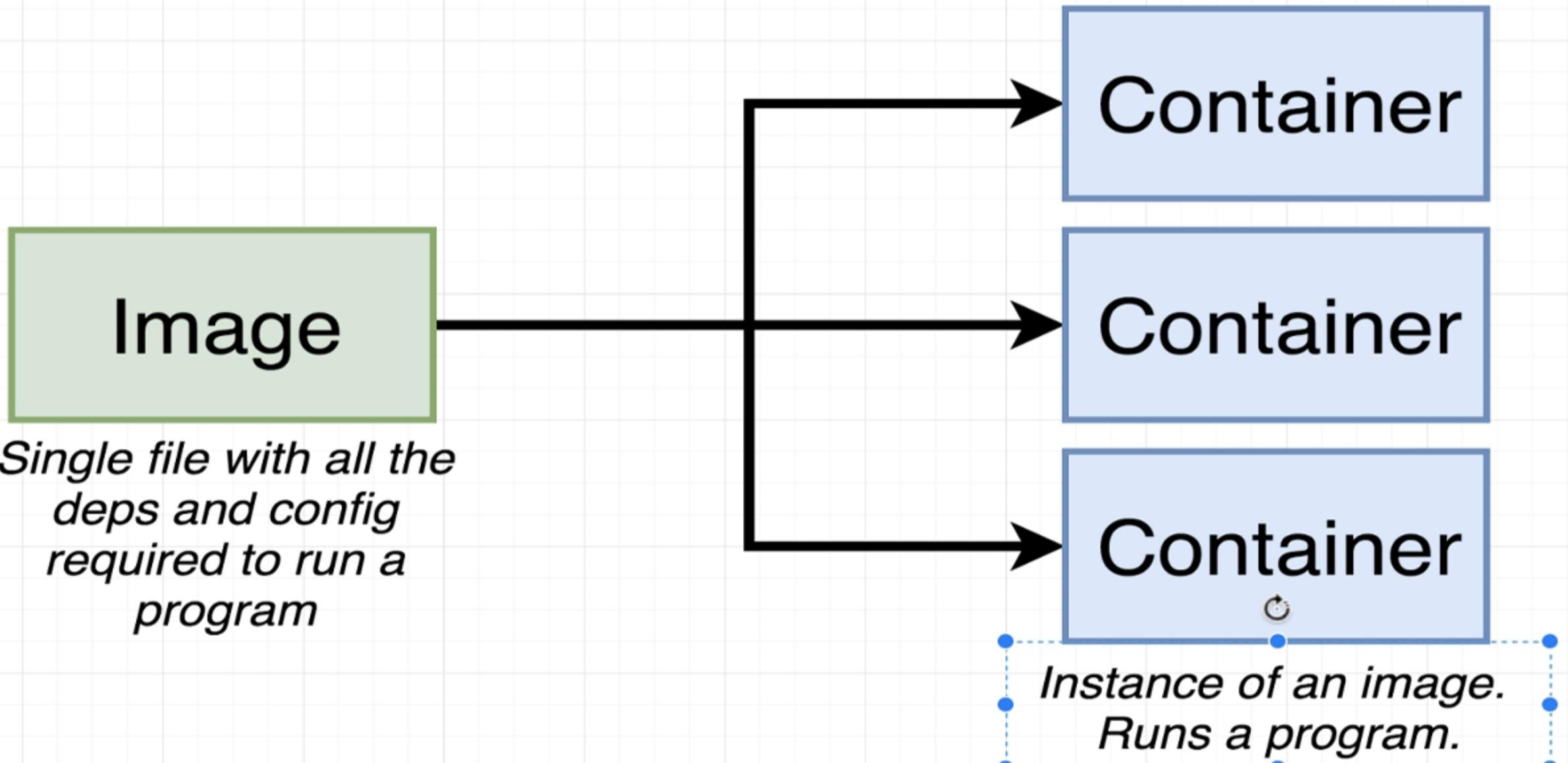
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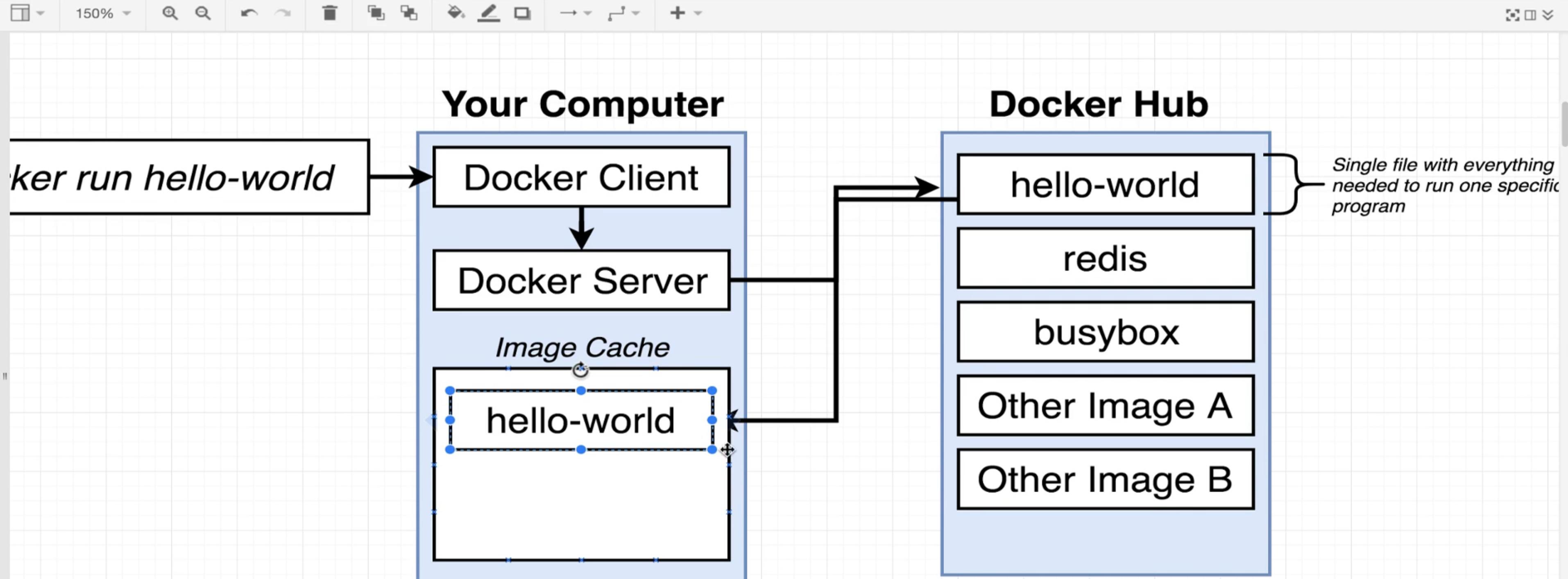
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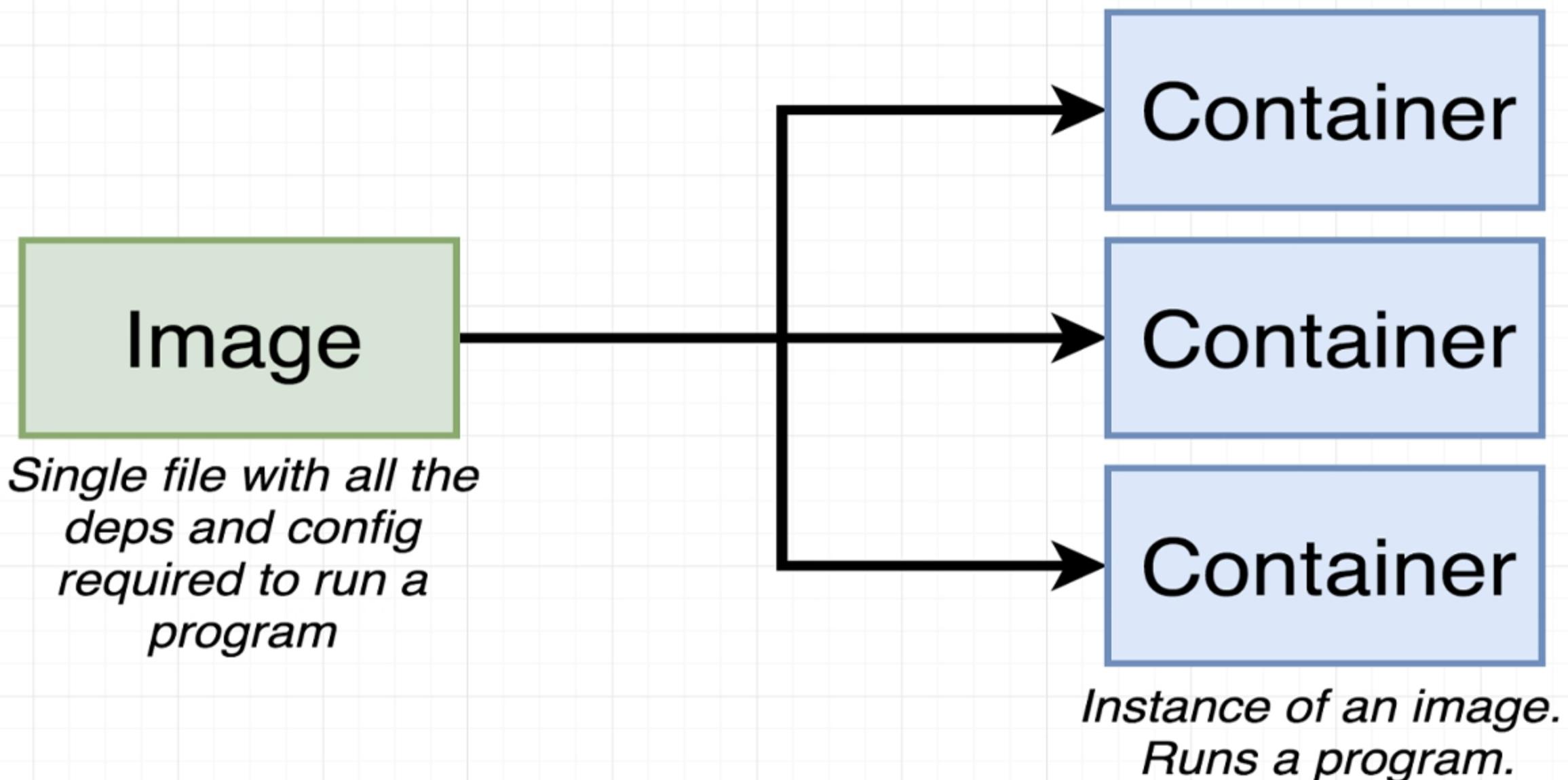
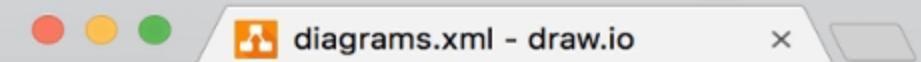
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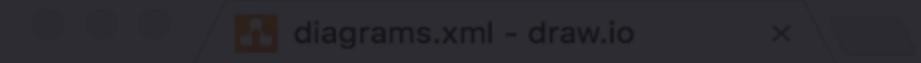
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Up next

**Container**

10. But Really...What's a Container?



Cancel

How did this section go?

**Container****Container**

**Image**  
*Single file with all the  
deps and config  
required to run a  
program*

*Instance of an image.  
Runs a program.*