

# Exercise

## Hosting a Basic Website with CSS, jQuery, and Bootstrap using Docker Desktop

```
Last login: Thu Apr 24 15:43:14 on ttys000
rahulkumar@Rahuls-MacBook-Air ~ % cd Desktop
rahulkumar@Rahuls-MacBook-Air Desktop % mkdir my-bootstrap-website
rahulkumar@Rahuls-MacBook-Air Desktop % cd my-bootstrap-website
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch index.html
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch styles.css
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch script.js
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % touch Dockerfile
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % docker build -t my-bootstrap-website .
[+] Building 3.2s (10/10) FINISHED                                docker:desktop-linux
=> [internal] load build definition from Dockerfile              0.0s
=> => transferring dockerfile: 773B                             0.0s
=> [internal] load metadata for docker.io/library/nginx:alpine  3.0s
=> [auth] library/nginx:pull token for registry-1.docker.io    0.0s
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                    0.0s
=> CACHED [1/4] FROM docker.io/library/nginx:alpine@sha256:65645c7bb6a06 0.0s
=> => resolve docker.io/library/nginx:alpine@sha256:65645c7bb6a0661892a8 0.0s
=> [internal] load build context                                0.0s
=> => transferring context: 1.68kB                                0.0s
=> [2/4] COPY index.html /usr/share/nginx/html/                0.0s
=> [3/4] COPY styles.css /usr/share/nginx/html/                 0.0s
=> [4/4] COPY script.js /usr/share/nginx/html/                  0.0s
=> exporting to image                                           0.1s
=> => exporting layers                                           0.0s
=> => exporting manifest sha256:012cf9e1176e899d994b5454a4b0209c7f5969cd 0.0s
=> => exporting config sha256:92cf0b1cc51b308022c85e89bb1cfd3e38800a8ba 0.0s
=> => exporting attestation manifest sha256:c6f8ba2d4be445cde36538c20033 0.0s
=> => exporting manifest list sha256:31056fe678d19c53f728f3b04d195e60802 0.0s
=> => naming to docker.io/library/my-bootstrap-website:latest  0.0s
=> => unpacking to docker.io/library/my-bootstrap-website:latest 0.0s

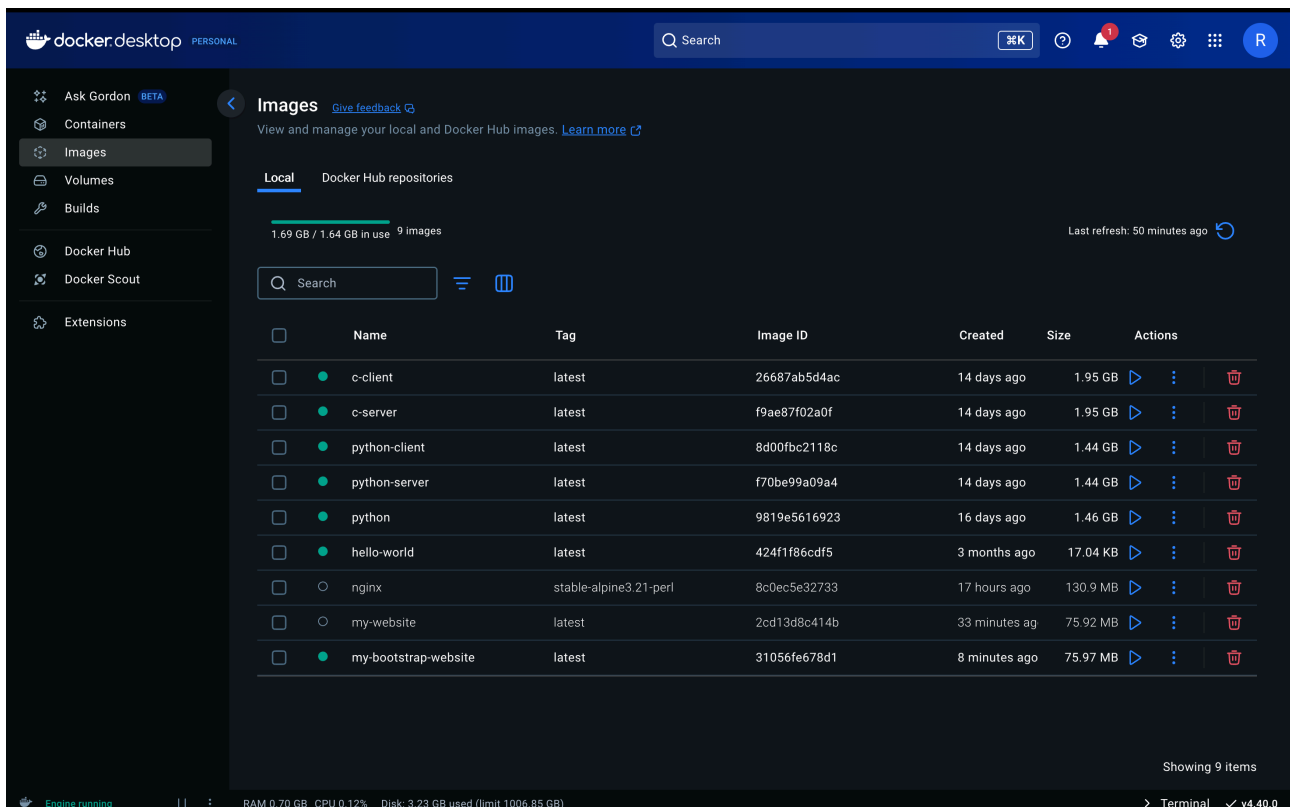
View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/18xwzf2bk14h6p0jvkem6y3wb
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website % docker run -d -p 8080:80 --name my-bootstrap-website-container my-bootstrap-website
7477baab03ee0fd25541baf5737eeae7864fb1f8d7a6e18edea0dabd69a88058
rahulkumar@Rahuls-MacBook-Air my-bootstrap-website %
```

## Containers in docker desktop

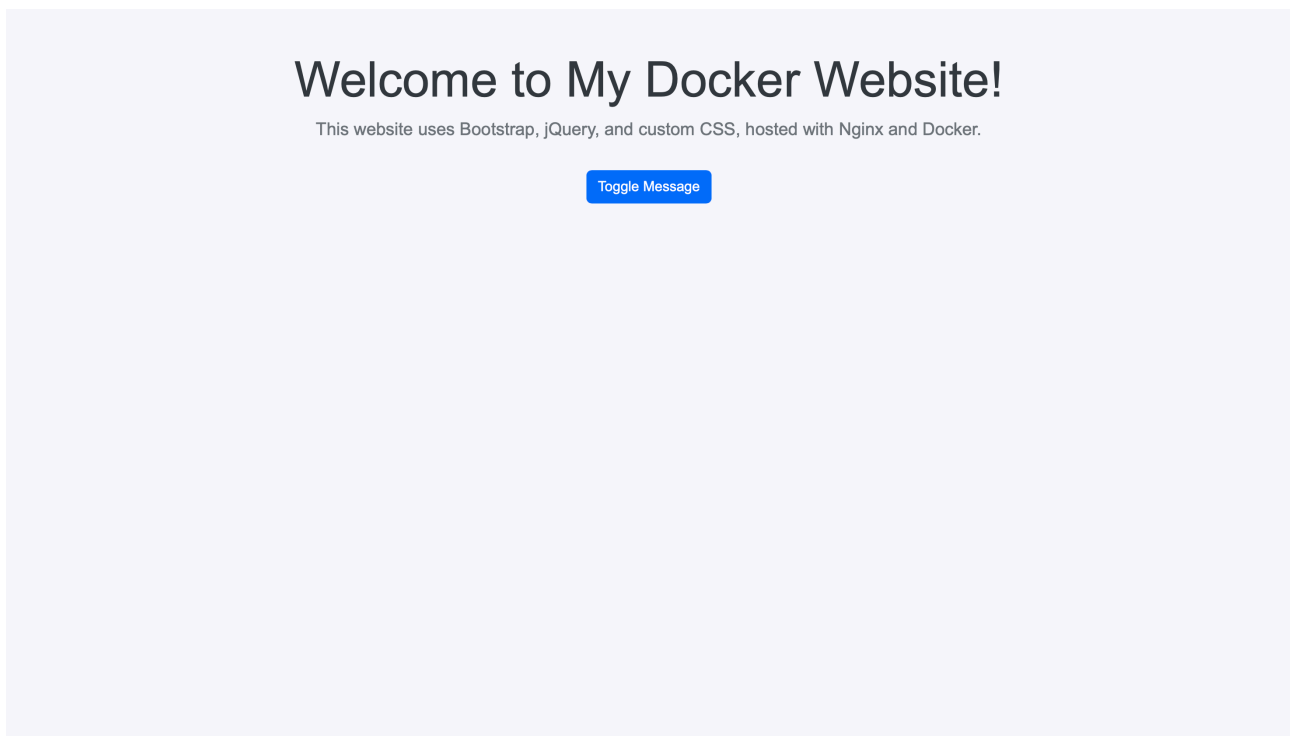
The screenshot shows the Docker Desktop interface. The left sidebar contains navigation options: Containers (selected), Images, Volumes, Builds, Docker Hub, Docker Scout, and Extensions. The main panel displays the 'Containers' view with a search bar and a toggle for 'Only show running containers'. Below this, a table lists running containers. The 'my-bootstrap-website-c' container is highlighted with a green dot, indicating it is running. The status bar at the bottom shows 'Engine running', RAM usage (0.70 GB), CPU usage (0.00%), and disk usage (3.23 GB used of 1006.85 GB limit).

	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
<input type="checkbox"/>	client-run-d9a418ed69f	4ca901d2ae59	c-client		0%	14 days ago	
<input type="checkbox"/>	server-run-ab91adfa9f3	21d363727351	c-server		0%	14 days ago	
<input type="checkbox"/>	eager_monulty	133cae5d4573	python:latest		0%	15 days ago	
<input type="checkbox"/>	brave_buck	54f1448b717b	hello-world:latest		0%	15 days ago	
<input type="checkbox"/>	my-bootstrap-website-c	7477baab03ee	my-bootstrap-website	8080:80	0%	9 minutes ago	
<input type="checkbox"/>	g	-	-	-	0%	14 days ago	
<input type="checkbox"/>	python	-	-	-	0%	14 days ago	

## Images in docker desktop



Output:



After Using Toggle

# Welcome to My Docker Website!

This website uses Bootstrap, jQuery, and custom CSS, hosted with Nginx and Docker.

Toggle Message

Hello! This message was toggled using jQuery.