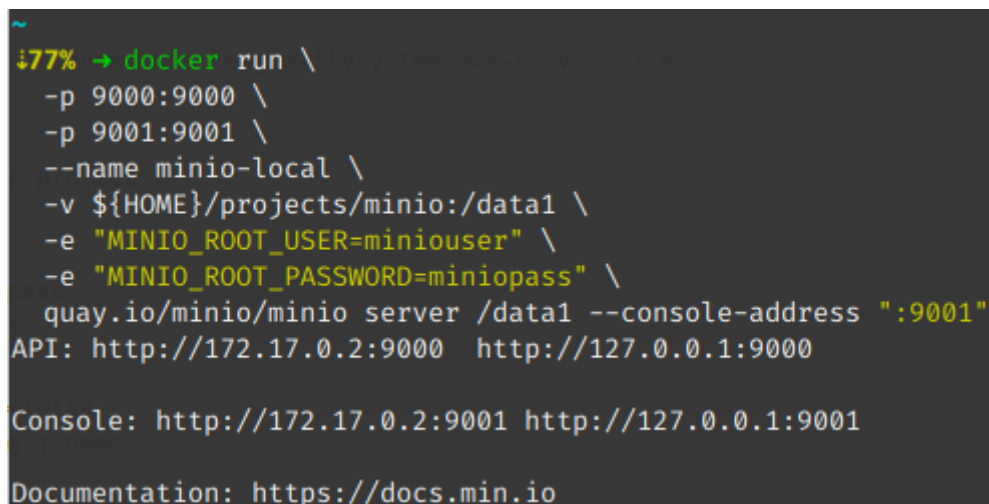


# Setup MinIO as AWS S3 alternative in development with docker

## Installation

1. Make sure your local machine already have Docker installed.
2. Run MinIO:

```
docker run \  
-p 9000:9000 \  
-p 9001:9001 \  
--name minio-local \  
-v ${HOME}/projects/minio:/data1 \  
-e "MINIO_ROOT_USER=miniouuser" \  
-e "MINIO_ROOT_PASSWORD=miniopass" \  
quay.io/minio/minio server /data1 --console-address ":9001"
```



```
~  
❯ docker run \  
-p 9000:9000 \  
-p 9001:9001 \  
--name minio-local \  
-v ${HOME}/projects/minio:/data1 \  
-e "MINIO_ROOT_USER=miniouuser" \  
-e "MINIO_ROOT_PASSWORD=miniopass" \  
quay.io/minio/minio server /data1 --console-address ":9001"  
API: http://172.17.0.2:9000 http://127.0.0.1:9000  
  
Console: http://172.17.0.2:9001 http://127.0.0.1:9001  
  
Documentation: https://docs.min.io
```

3. On your Laravel project, install the dependency

```
composer require --with-all-dependencies league/flysystem-aws-s3-v3 "^1.0"
```

#### 4. Change the `.env` on your project

```
AWS_ACCESS_KEY_ID=miniouser
AWS_SECRET_ACCESS_KEY=miniopass
AWS_DEFAULT_REGION=us-east-1
AWS_BUCKET=testing-saint
AWS_USE_PATH_STYLE_ENDPOINT=false
AWS_ENDPOINT="http://127.0.0.1:9000"
```

#### 5. Running after rebooting your PC / Laptop / Mac (shall I mention rpi too?)

```
docker start minio-local
```

#### 6. Accessing the web interface Open your web browser, access `http://localhost:9001`

#### 7. Creating bucket

**MINIO CONSOLE** < Buckets

Search Buckets:  **Create B...**

Bulk Select Set Replicas

<b>test-tracer</b>				
Created: 2021-10-12T02:07:07Z Access: R/W	<b>USAGE</b>	<b>OBJECTS</b>		<b>Browse</b>
	4 <sub>B</sub>	1		<b>Manage</b>
<b>testing-saint</b>				
Created: 2021-10-12T02:23:54Z Access: R/W	<b>USAGE</b>	<b>OBJECTS</b>		<b>Browse</b>
	10 <sub>B</sub>	1		<b>Manage</b>

Click 'Create Bucket', and a modal window will be shown like this:

×

## Create Bucket

**Bucket Name**

---

### Features

---

Some these features are disabled as server is running in non-erasure coded mode.

**Versioning**

☐ Off

Allows to keep multiple versions of the same object under the same key.

**Object Locking**

☐ Off

Required to support retention and legal hold. Can only be enabled at bucket creation.

**Quota**

☐ Off

Limit the amount of data in the bucket.

Clear

Save

Set the bucket name. The bucket name will be used as `AWS_BUCKET` in your app.

## Further Reading

[MinIO Documentation](#)

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Revision #2

Created 12 October 2021 02:33:22 by Adli Ikhwanur Ifkar

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