

MinIO

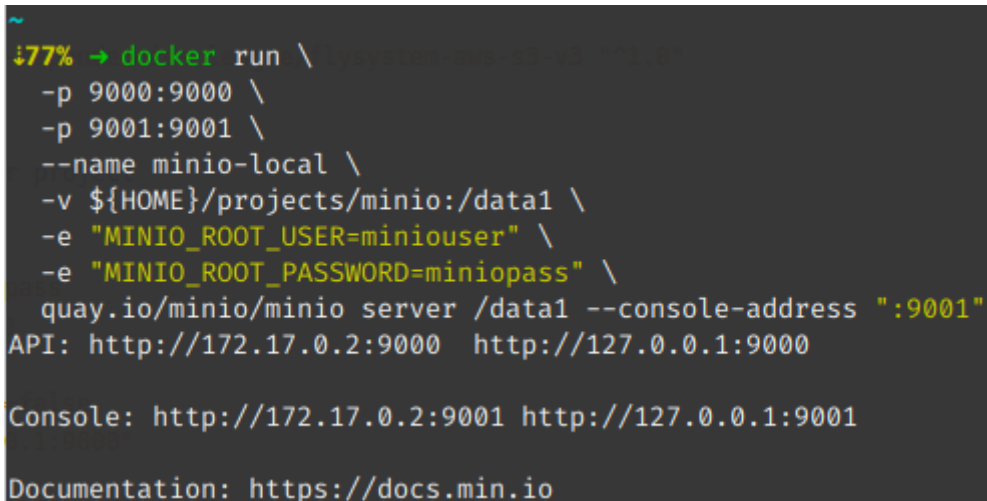
- Setup MinIO as AWS S3 alternative in development with docker

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=miniouser" \
  -e "MINIO_ROOT_PASSWORD=miniopass" \
  quay.io/minio/minio server /data1 --console-address ":9001"
```



```
~
↓77% → docker run \
  -p 9000:9000 \
  -p 9001:9001 \
  --name minio-local \
  -v ${HOME}/projects/minio:/data1 \
  -e "MINIO_ROOT_USER=miniouser" \
  -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?)

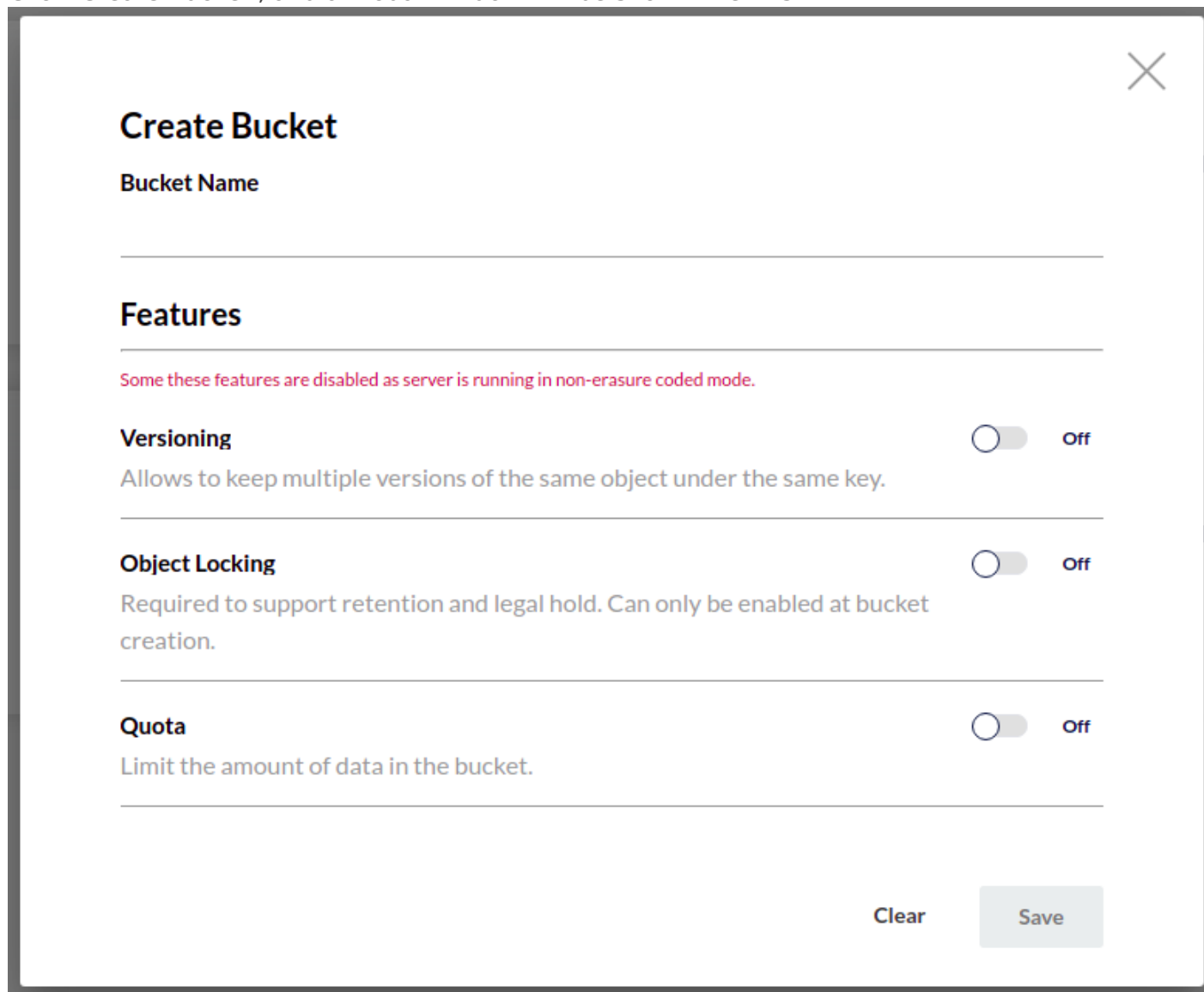
```
docker start minio-local
```

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

7. Creating bucket

Bucket Name	Created	Access	USAGE	OBJECTS	Actions
test-tracer	2021-10-12T02:07:07Z	R/W	4B	1	Browse, Manage
testing-saint	2021-10-12T02:23:54Z	R/W	10B	1	Browse, Manage

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

A modal window titled "Create Bucket" with a close button (X) in the top right corner. It contains a "Bucket Name" input field, a "Features" section with a warning message, and three toggle switches for "Versioning", "Object Locking", and "Quota", all currently set to "Off". At the bottom right are "Clear" and "Save" buttons.

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](#)