

Docker Image for running influxdb and grafana

<https://hub.docker.com/r/philhawthorne/docker-influxdb-grafana/>

```
docker pull philhawthorne/docker-influxdb-grafana
```

Quick Start

```
docker run -d
-name docker-influxdb-grafana
-p 3003:3003
-p 3004:8083
-p 8086:8086
-v storage:/var/lib/influxdb
-v storage:/var/lib/grafana
philhawthorne/docker-influxdb-grafana:latest
```

create infludb database

```
CREATE DATABASE "co2"
```

upload data to influxdb options

<https://www.influxdata.com/blog/getting-started-writing-data-to-influxdb/>

1. Uploading via Chronograf

Access Cronograf on localhost:3004

Click Explore

Click Write top right corner

Drag n Drop co2Data.txt

```
SELECT * FROM "co2"."autogen"."co2measurement"
```

configure grafana to connect to influxdb

1) Add datasource

URL <http://localhost:8086> Database co2

Save and test

Helpful Docker commands

List containers

```
docker ps
```

Enter Shell for container (if shell is available)

```
docker exec -it <container-id> bash
```