

## How to install Redis using docker Windows

### Description

We will install Redis Stack using docker. If you don't have docker running on your system then make sure you install docker. If you have docker running on your system, then you can execute below command which will install the latest version of Redis stack. The installation will contain both Redis server as well as Redis insights (Redis visualization tool).

### Docker command to download Redis image

```
docker run -d --name redis-stack -p 6379:6379 -p 8001:8001 redis/redis-stack:latest
```

Once you run the above command you will see the latest version of Redis stack image will get downloaded.

```
C:\Users\Ravikiran>docker run -d --name redis-stack -p 6379:6379 -p 8001:8001
Unable to find image 'redis/redis-stack:latest' locally
latest: Pulling from redis/redis-stack
eaead16dc43b: Pull complete
bb96cdf93d33: Pull complete
8bb7f833f359: Pull complete
d5d57f24fb0: Pull complete
efe81aaeacfe: Pull complete
466e474108ec: Pull complete
89df8fa4fdb4: Pull complete
9a7017f96e74: Pull complete
5204620ffa53: Pull complete
1ab676216eb1: Pull complete
dee1e8bfbccd: Pull complete
893e43e8e531: Pull complete
c56f4abec30d: Pull complete
35a739394e58: Pull complete
d657c243458a: Pull complete
b0229b6c30bb: Pull complete
Digest: sha256:6c114c84fda4e0b7c88632fa3a395f9260b4022392eedac62a29d65609e3b1c
Status: Downloaded newer image for redis/redis-stack:latest
f68b86f60877d77919f239428b23c61b9cd9a7696e5f59a763a5232919c47a88
```

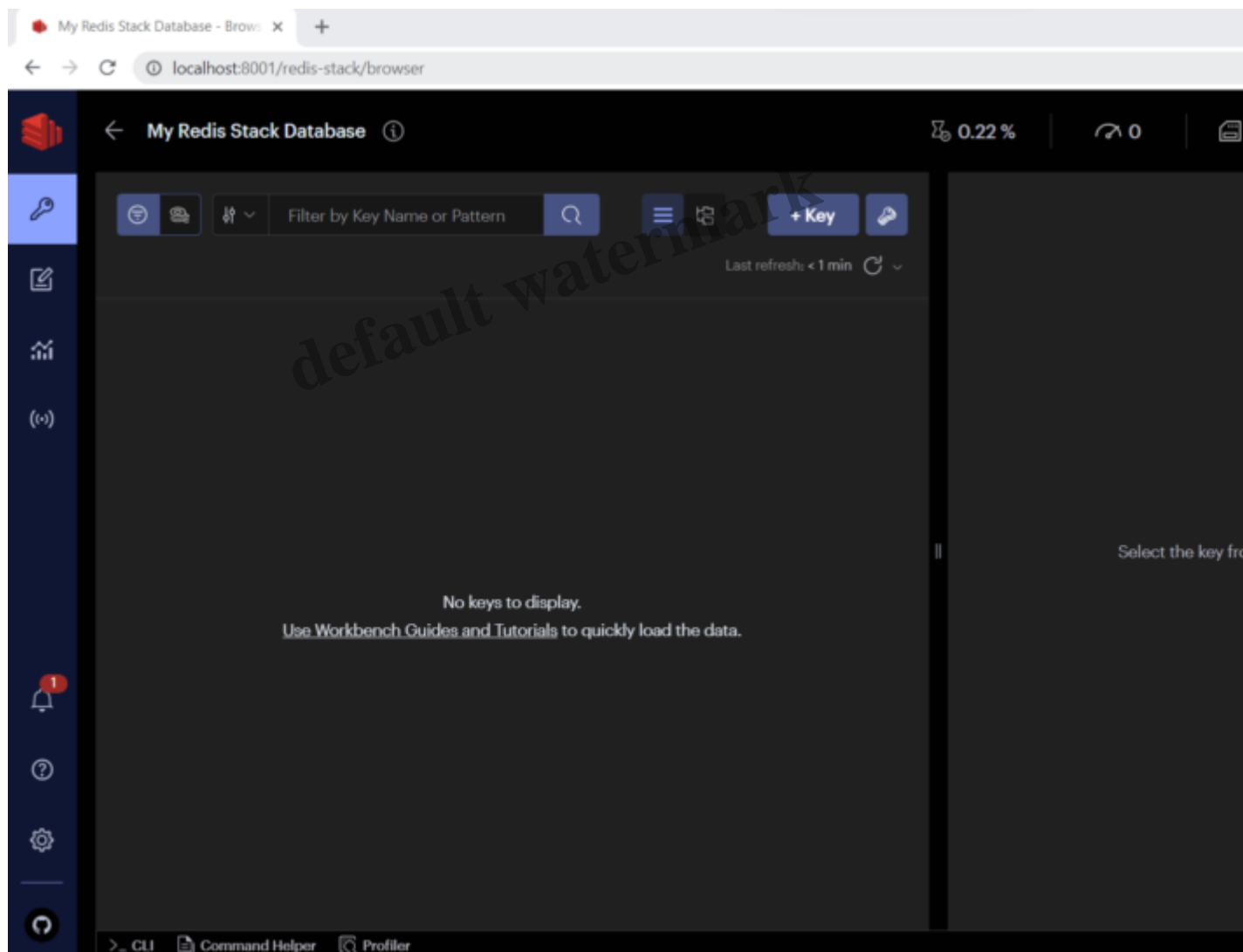
To see if the image is successfully downloaded we can run below command `docker images`

```
C:\Users\Ravikiran>docker images
REPOSITORY          TAG          IMAGE ID          CREA
redis/redis-stack   latest      0ac5d4d8535e     3 we
```

Below image shows that Redis stack is up and running

```
C:\Users\Ravikiran>docker ps
CONTAINER ID   IMAGE          COMMAND          CREATED          STATUS          PORTS
f68b86f60877  redis/redis-stack:latest  "/entrypoint.sh"  5 minutes ago   Up 5 minutes   0.0.0.0:6379->
```

In order to see the Redis Insight, type localhost:8001 in the browser, accept the terms and conditions and you will see the below view. It is connected to the Redis server as well.



## Category

1. Hands on
2. Spring Boot

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**Author**  
kk-ravi144gmail-com

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