

Captura de resultados de los comandos ejecutados en la clase de Introducción a Docker

1. Docker images

```
Windows PowerShell
PS C:\Users\hdtah> docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
mysql                5.7.35             8a8a506ccfdc       36 hours ago       448MB
jupyter/base-notebook latest             f14b646c836f       2 days ago         668MB
hello-world          latest             feb5d9fea6a5       2 weeks ago        13.3kB
busybox              latest             16ea53ea7c65       4 weeks ago        1.24MB
PS C:\Users\hdtah> |
```

2. Docker run hello-world

```
Windows PowerShell
PS C:\Users\hdtah> docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

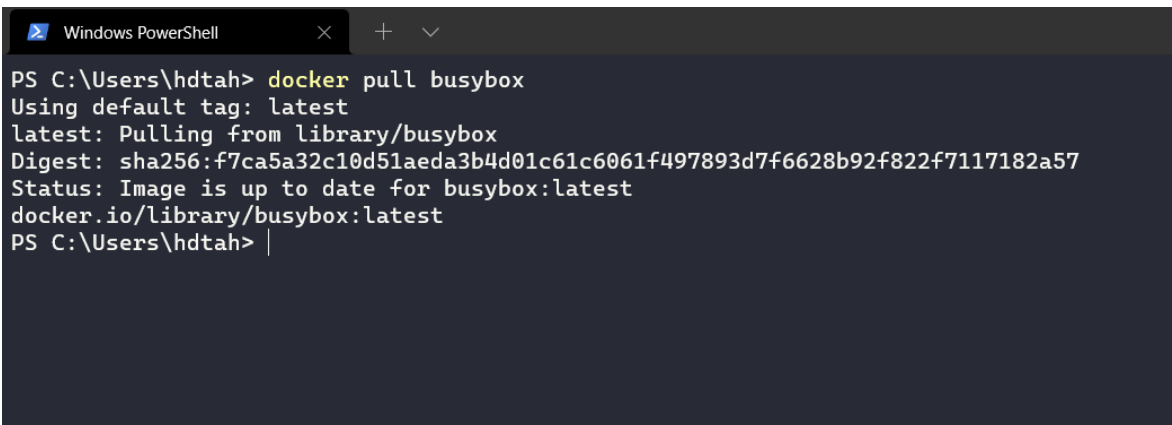
To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

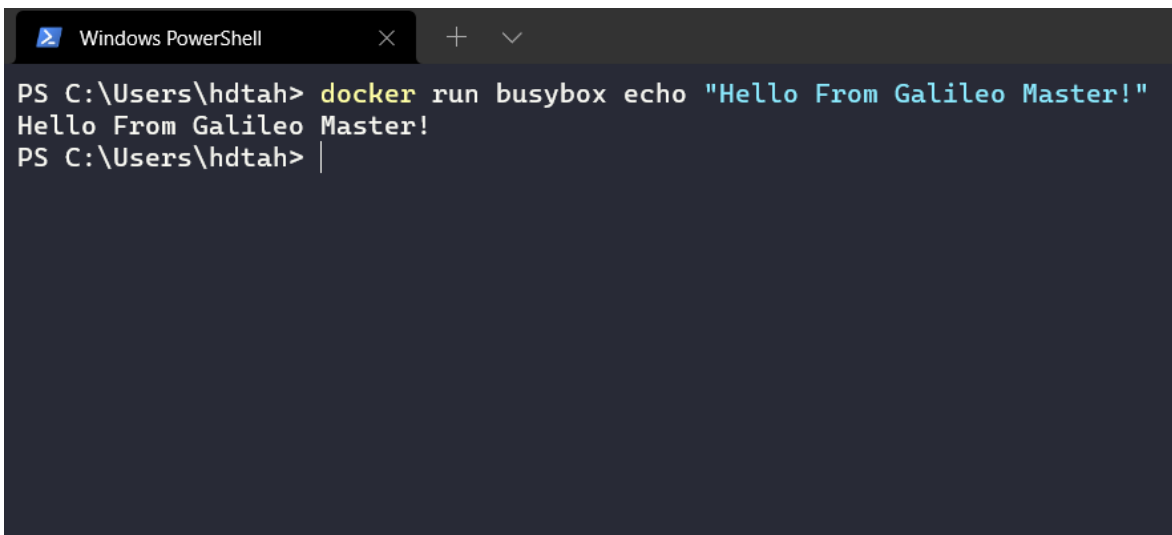
PS C:\Users\hdtah> |
```

3. Docker pull busybox



```
Windows PowerShell
PS C:\Users\hdtah> docker pull busybox
Using default tag: latest
latest: Pulling from library/busybox
Digest: sha256:f7ca5a32c10d51aeda3b4d01c61c6061f497893d7f6628b92f822f7117182a57
Status: Image is up to date for busybox:latest
docker.io/library/busybox:latest
PS C:\Users\hdtah> |
```

4. Docker run busybox echo "Hello From Galileo Master!"



```
Windows PowerShell
PS C:\Users\hdtah> docker run busybox echo "Hello From Galileo Master!"
Hello From Galileo Master!
PS C:\Users\hdtah> |
```

5. Docker ps

```
Windows PowerShell
PS C:\Users\hdtah> docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
60e30529d01d	mysql:5.7.35	"docker-entrypoint.s..."	2 hours ago	Up 2 hours	33060/tcp, 0.0.0.0:3307->3306/tcp	docker_mydb_1
b4cdcd0c71b1	jupyter/base-notebook	"tini -g -- start-no..."	2 hours ago	Up 2 hours	0.0.0.0:8888->8888/tcp	docker_jupyter_1

```
PS C:\Users\hdtah>
```

6. Docker ps -a

```
Windows PowerShell
PS C:\Users\hdtah> docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
136e01963026	busybox	"echo 'Hello From Ga..."	2 minutes ago	Exited (0) 2 minutes ago		jolly_hawking
7b71b639a4bd	hello-world	"/hello"	10 minutes ago	Exited (0) 10 minutes ago		eloquent_cartwright
60e30529d01d	mysql:5.7.35	"docker-entrypoint.s..."	2 hours ago	Up 2 hours	33060/tcp, 0.0.0.0:3307->3306/tcp	docker_mydb_1
b4cdcd0c71b1	jupyter/base-notebook	"tini -g -- start-no..."	2 hours ago	Up 2 hours	0.0.0.0:8888->8888/tcp	docker_jupyter_1
15ddc7f76e92	jupyter/base-notebook	"tini -g -- start-no..."	2 hours ago	Exited (0) 2 hours ago		tender_mestorf
972d7e7fdca1	mysql:5.7.35	"docker-entrypoint.s..."	2 hours ago	Exited (0) 2 hours ago		pensive_hertz
cbb874258cf6	mysql:5.7.35	"docker-entrypoint.s..."	2 hours ago	Created		heuristic_burnell
6437c2302021	mysql:5.7.35	"docker-entrypoint.s..."	2 hours ago	Created		pensive_brattain
d0bfb82db4e4	jupyter/base-notebook	"tini -g -- start-no..."	3 hours ago	Exited (0) 2 hours ago		exciting_taussig

```
PS C:\Users\hdtah>
```

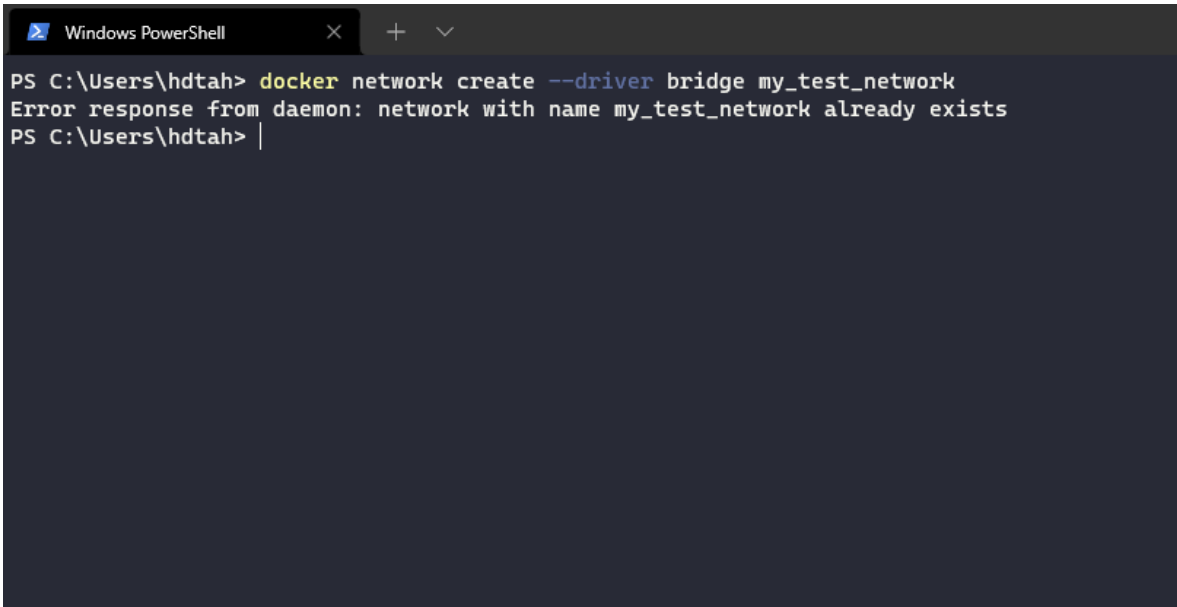
7. Docker run -it busybox sh

```
Windows PowerShell
PS C:\Users\hdtah> docker run -it busybox sh
/ # ls
bin    dev    etc    home   proc   root   sys    tmp    usr    var
/ # uptime
 04:17:43 up  3:24,  0 users,  load average: 0.00, 0.00, 0.00
/ # exit
PS C:\Users\hdtah> |
```

8. Docker rm id

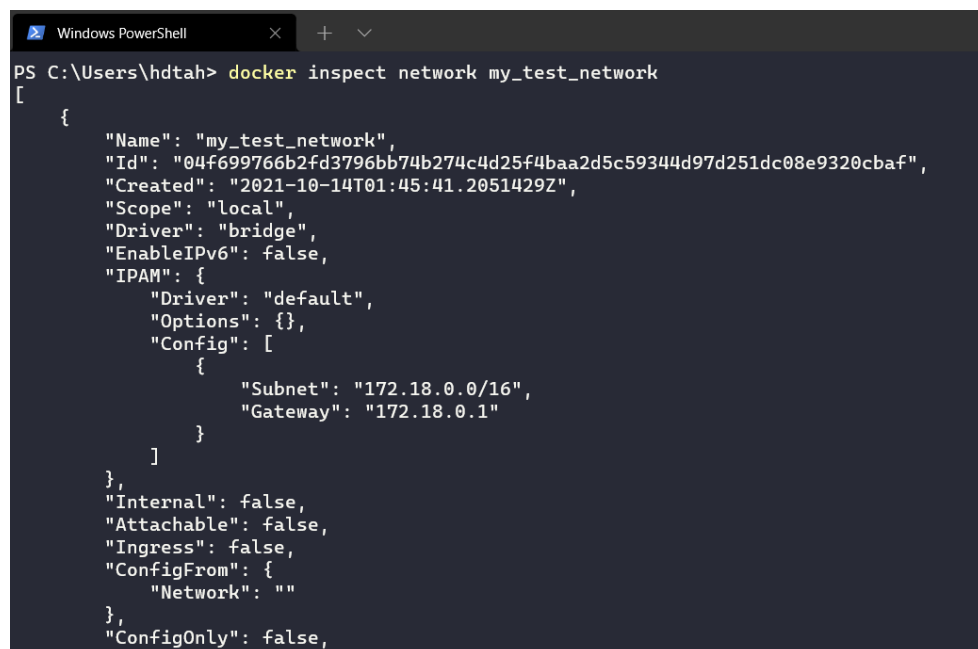
```
Windows PowerShell
PS C:\Users\hdtah> docker ps -a
CONTAINER ID   IMAGE                                COMMAND
c07b8491a564   busybox                             "sh"
136e01963026   hungry_dewdney                     "echo 'Hello
7b71b639a4bd   jolly_hawking                      "/hello"
60e30529d01d   eloquent_cartwright                "docker-entr
3307->3306/tcp  docker_mydb_1                      "tini -g --
b4cdcd0c71b1   jupyter/base-notebook              "tini -g --
tcp            docker_jupyter_1                    "tini -g --
15ddc7f76e92   tender_mestorf                     "docker-entr
972d7e7fdca1   pensive_hertz                     "docker-entr
cbb874258cf6   heuristic_burnell                  "docker-entr
6437c2302021   pensive_brattain                   "docker-entr
d0bfb82db4e4   jupyter/base-notebook              "tini -g --
exciting_taussig
PS C:\Users\hdtah> docker rm c07b8491a564
c07b8491a564
PS C:\Users\hdtah> |
```

9. Docker network create

A screenshot of a Windows PowerShell terminal window. The title bar shows 'Windows PowerShell' with standard window controls. The command prompt shows the user is at 'C:\Users\hdtah'. The command entered is 'docker network create --driver bridge my_test_network'. The output is 'Error response from daemon: network with name my_test_network already exists'. The prompt is ready for the next command.

```
PS C:\Users\hdtah> docker network create --driver bridge my_test_network
Error response from daemon: network with name my_test_network already exists
PS C:\Users\hdtah> |
```

10. Docker inspect network

A screenshot of a Windows PowerShell terminal window. The title bar shows 'Windows PowerShell' with standard window controls. The command prompt shows the user is at 'C:\Users\hdtah'. The command entered is 'docker inspect network my_test_network'. The output is a JSON array containing details about the 'my_test_network', including its ID, creation time, scope, driver, IPAM configuration, and other settings.

```
PS C:\Users\hdtah> docker inspect network my_test_network
[
  {
    "Name": "my_test_network",
    "Id": "04f699766b2fd3796bb74b274c4d25f4baa2d5c59344d97d251dc08e9320cbaf",
    "Created": "2021-10-14T01:45:41.2051429Z",
    "Scope": "local",
    "Driver": "bridge",
    "EnableIPv6": false,
    "IPAM": {
      "Driver": "default",
      "Options": {},
      "Config": [
        {
          "Subnet": "172.18.0.0/16",
          "Gateway": "172.18.0.1"
        }
      ]
    },
    "Internal": false,
    "Attachable": false,
    "Ingress": false,
    "ConfigFrom": {
      "Network": ""
    },
    "ConfigOnly": false,
  }
]
```

11. Resultados de los comandos de MySQL

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
AMES					
60e30529d01d	mysql:5.7.35	"docker-entrypoint.s..."	3 hours ago	Up 3 hours	33060/tcp, 0.0.0.0:3307->3306/tcp
docker_mydb_1					
b4cdcd0c71b1	jupyter/base-notebook	"tini -g -- start-no..."	3 hours ago	Up 3 hours	0.0.0.0:8888->8888/tcp
docker_jupyter_1					
PS C:\Users\hdtah>					

12. Docker-compose instalado

```
Windows PowerShell
PS C:\Users\hdtah> docker-compose --version
docker-compose version 1.29.2, build 5becea4c
PS C:\Users\hdtah> |
```

13. Docker-compuse up con archivo .yaml

```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
PS D:\hdtah\Documentos\Galileo Data Science\Cuarto Trimestre\Product Development\Docker> docker-compose up
Recreating docker_mydb_1 ...
Recreating docker_mydb_1 ... done
Attaching to docker_jupyter_1, docker_mydb_1
mydb_1 | 2021-10-14 02:25:43+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 5.7.35-1debian10 started.
mydb_1 | 2021-10-14 02:25:43+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'
mydb_1 | 2021-10-14 02:25:43+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 5.7.35-1debian10 started.
jupyter_1 | WARN: Jupyter Notebook deprecation notice https://github.com/jupyter/docker-stacks#jupyter-notebook-deprecation-notice.
jupyter_1 | Executing the command: jupyter notebook
jupyter_1 | [I 02:25:22.880 NotebookApp] Writing notebook server cookie secret to /home/jovyan/.local/share/jupyter/runtime/notebook_cookie_secret
jupyter_1 | [W 2021-10-14 02:25:23.803 LabApp] 'ip' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update your config
our next release.
jupyter_1 | [W 2021-10-14 02:25:23.803 LabApp] 'port' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update your confi
e our next release.
jupyter_1 | [W 2021-10-14 02:25:23.803 LabApp] 'port' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update your confi
```