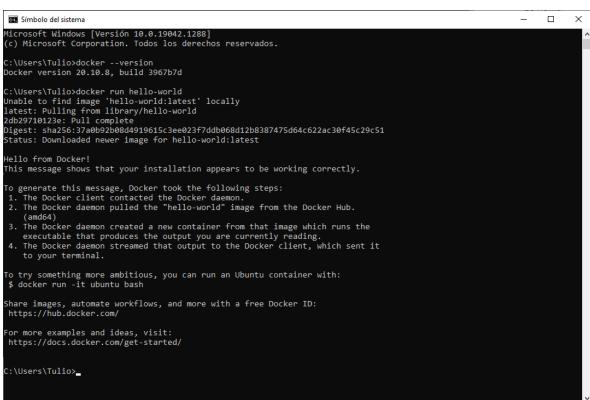
Tarea No. 1

Capturas de Docker: Comandos básicos

```
Microsoft Windows [Versión 10.0.19042.1288]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\Tulio>docker --version
Docker version 20.10.8, build 3967b7d

C:\Users\Tulio>
```



```
Símbolo del sistema
                                                                                                                                                                      ×
     The Docker daemon pulled the "hello-world" image from the Docker Hub.
 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/
C:\Users\Tulio>docker pull busybox
Using default tag: latest
latest: Pulling from library/busybox
01c2cdc13739: Pull complete
Digest: sha256:15e927f78df2cc772b70713543d6b651e3cd8370abf86b2ea4644a9fba21107f
Status: Downloaded newer image for busybox:latest
docker.io/library/busybox:latest
C:\Users\Tulio>
 Símbolo del sistema
To try something more ambitious, you can run an Ubuntu container with:
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C:\Users\Tulio>docker images
REPOSITORY
                                  IMAGE ID
                                                         CREATED
                                   cabb9f684f8b
feb5d9fea6a5
                                                                              1.24MB
busybox
hello-world
                                                        3 days ago
5 weeks ago
                    latest
                   latest
                                                                              13.3kB
C:\Users\Tulio>
 Símbolo del sistema
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                                                         CREATED
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feb5d9fea6a5
                    latest
                                                         3 days ago
                                                                              1.24MB
hello-world
                   latest
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                                                                              13.3kB
 C:\Users\Tulio>docker run busybox
```

```
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Status: Downloaded newer image for busybox:latest
docker.io/library/busybox:latest

C:\Users\Tulio>docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
busybox latest cabb9f684f8b 3 days ago 1.24MB
hello-world latest feb5d9fea6a5 5 weeks ago 13.3kB

C:\Users\Tulio>docker run busybox

C:\Users\Tulio>docker run busybox

C:\Users\Tulio>docker run busybox echo "Hello From Galileo Master!"
Hello From Galileo Master!
```

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Símbolo del sistema
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REPOSITORY TAG IMAGE ID
                                IMAGE ID CREATED

cabb9f684f8b 3 days ago
feb5d9fea6a5 5 weeks ago
                     latest
                                                                                1.24MB
busybox
helĺo-world latest
C:\Users\Tulio>docker run busybox
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C:\Users\Tulio>docker ps
CONTAINER ID IMAGE
                                    COMMAND CREATED STATUS PORTS
                                                                                                 NAMES
```

```
Símbolo del sistema
                                                                                                                       docker.io/library/busybox:latest
C:\Users\Tulio>docker images
REPOSITORY TAG IMAGE ID
                                        CREATED
                         cabb9f684f8b 3 days ago
feb5d9fea6a5 5 weeks ago
              latest
                                                        1.24MB
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CONTAINER ID IMAGE
                         COMMAND CREATED STATUS PORTS
                                                                    NAMES
CONTAINER ID IMAGE
                             COMMAND
                                                         CREATED
                                                                                                                  PORTS
                                                                                                                            NAM
0a30da116879
              busybox
                                                                                                                            opt
imistic ritchie
lmsstc_itcle
1a5149f8fcc4 busybox "sh"
elligent_kare
38f127456175 hello-world "/hello"
                                                         2 minutes ago
                                                                               Exited (0) 2 minutes ago
                                                                               Exited (0) 19 minutes ago
                                                         19 minutes ago
                                                                                                                            gra
cious_jemison
C:\Users\Tulio>_
```

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Símbolo del sistema
                                                                                                                                                                                                                                                                 X
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
C:\Users\Tulio>docker ps -a
CONTAINER ID IMAGE COMMAND

0a30da116879 busybox "echo 'Hello From Ga..."

1a5149f8fcc4 busybox "sh"

38f127456175 hello-world "/hello"
                                                                                                    CREATED
About a minute ago
2 minutes ago
19 minutes ago
                                                                                                                                            STATUS
Exited (0) About a minute ago
Exited (0) 2 minutes ago
Exited (0) 19 minutes ago
                                                                                                                                                                                                        PORTS
                                                                                                                                                                                                                           NAMES
                                                                                                                                                                                                                           optimistic_ritchie
intelligent_kare
gracious_jemison
  :\Users\Tulio>docker run -it busybox sh
 /# ls
pin dev etc home proc root sys tmp usr var
/# uptime
03:15:17 up 1:45, 0 users, load average: 0.00, 0.00, 0.00
  # cd home..
h: cd: can't cd to home..: No such file or directory
# cd home
 /home # exit
C:\Users\Tulio>docker ps -a
CONTAINER ID IMAGE COMMAND
33b35bC35a89 busybox "sh"
0a30da116879 busybox "echo 'Hello From Ga..."
1a5149f8fcc4 busybox "sh"
38f127456175 hello-world "/hello"
                                                                                                                                           STATUS
Exited (0) 6 seconds ago
Exited (0) 5 minutes ago
Exited (0) 6 minutes ago
Exited (0) 22 minutes ago
                                                                                                    CREATED
                                                                                                                                                                                                PORTS
                                                                                                    About a minute ago
5 minutes ago
6 minutes ago
                                                                                                                                                                                                                    distracted shannon
                                                                                                                                                                                                                    optimistic_ritchie
intelligent_kare
                                                                                                    22 minutes ago
                                                                                                                                                                                                                    gracious jemison
```

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Símbolo del sistema
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                                                           COMMAND
"echo 'Hello From Ga..."
"sh"
"/hello"
                                                                                                                  About a minute ago
2 minutes ago
19 minutes ago
                                                                                                                                                                 Exited (0) About a minute ago
Exited (0) 2 minutes ago
Exited (0) 19 minutes ago
                                                                                                                                                                                                                                                           optimistic_ritchie
intelligent_kare
gracious_jemison
 9a30da116879
                             busybox
busybox
hello-world
1a5149f8fcc4
38f127456175
/ # uptime
03:15:17 up 1:45, 0 users, load average: 0.00, 0.00, 0.00
/ # cd home..
sh: cd: can't cd to home..: No such file or directory
   # cd home
 C:\Users\Tulio>docker ps -a
CONTAINER ID IMAGE
B3b35bc35a89 busybox
Ba30da116879 busybox
                                                                                                                                                                STATUS
Exited (0) 6 seconds ago
Exited (0) 5 minutes ago
Exited (0) 6 minutes ago
Exited (0) 22 minutes ago
                                                            COMMAND
                                                                                                                   CREATED
                                                                                                                                                                                                                             PORTS
                                                                                                                                                                                                                                                  NAMES
                                                                                                                  About a minute ago
5 minutes ago
6 minutes ago
22 minutes ago
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distracted_shannon
optimistic_ritchie
intelligent_kare
gracious_jemison
                                                              "echo 'Hello From Ga..."
1a5149f8fcc4 busybox "sh"
38f127456175 hello-world "/hello"
C:\Users\Tulio>docker rm 33b35bc35a89
33b35bc35a89
```

Instalación de Jupyter

```
© Simbolo del sistema

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@ a30da116879 busybox "echo 'Hello From Ga..." 5 minutes ago Exited (0) 5 minutes ago optimistic_ritchie 18149f8fcc4 busybox "sh" 6 minutes ago Exited (0) 6 minutes ago intelligent kare 22 minutes ago Exited (0) 22 minutes ago gracious_jemison

C:\Users\Tulio>docker rm 33b35bc35a89

C:\Users\Tulio>docker pull jupyter/base-notebook
Using default tag: latest latest latest Pull complete aae?ar/ba423: Pull complete aae?ar/ba423: Pull complete aae?ar/ba423: Pull complete aae?ar/ba423: Pull complete aae3bd75eff968: Pull complete ace3bd75eff968: Pull complete ae3db75eff968: Pull complete 603ec7cf343: Pull compl
```

```
C:\Users\Tulio>docker run -p 8888.8888 jupyter/base-notebook

WARN: Jupyter Notebook deprecation notice https://github.com/jupyter/docker-stacks#jupyter-notebook-deprecation-notice.

Executing the command: jupyter notebook

[1 83:36:67.664 NotebookApp] Writing notebook server cookie secret to /home/jovyan/.local/share/jupyter/runtime/notebook_cookie_secret

[W 2021-10-31 83:36:07.761 LabApp] 'ip' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update your config before our next release.

[W 2021-10-31 83:36:07.761 LabApp] 'port' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update you re config before our next release.

[W 2021-10-31 83:36:07.761 LabApp] 'port' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update your config before our next release.

[W 2021-10-31 93:36:07.761 LabApp] 'port' has moved from NotebookApp to ServerApp. This config will be passed to ServerApp. Be sure to update your config before our next release.

[W 2021-10-31 93:36:07.771 LabApp] JupyterLab extension loaded from /opt/conda/lib/python3.9/site-packages/jupyterlab

[I 2021-10-31 93:36:07.771 LabApp] JupyterLab extension loaded from /opt/conda/share/jupyter/lab

[I 2031-10-31 93:36:07.771 NotebookApp] JupyterNotebook from local directory: /home/jovyan

[I 33:36:07.777 NotebookApp] Jupyter Notebook from local directory: /home/jovyan

[I 33:36:07.777 NotebookApp] or http://l27.0.0.1:8888/token-b8c46c38e4b527614c8f386d7ccaf5397839a266b5ddf98b

[I 33:36:07.777 NotebookApp] or http://l27.0.0.1:8888/token-b8c46c38e4b527614c8f386d7ccaf5397839a266b5ddf98b

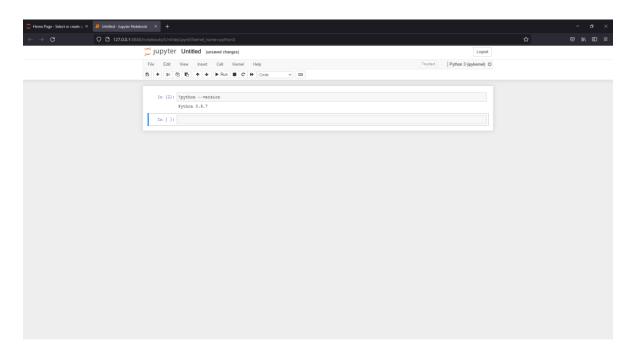
or http://b8b88f9d917:8888/token-b8c46c38e4b527614c8f386d7ccaf5397839a266b5ddf98b

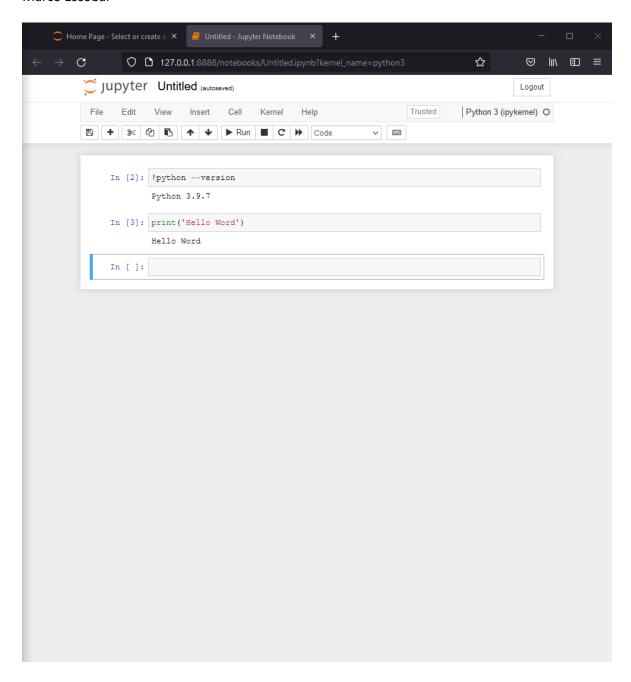
or http://b8b88f9d917:8888/token-b8c46c38e4b527614c8f386d7ccaf5397839a266b5ddf98b

or http://b8b88f9d917:8888/token-b8c46c38e4b527614c8f386d7ccaf5397839a266b5ddf98b

or http://l27.0.0.1:8888/token-b8c46c38e4b527614c8f386d7ccaf5397839a266b5ddf98b

or http://l27.0.0.1:8888/
```





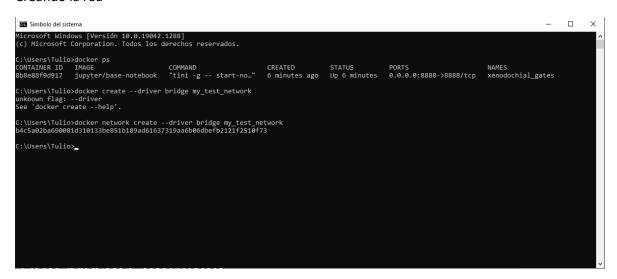
```
Microsoft Windows [Versión 18.0.19042.1288]

(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\Tulio>docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
8b8e8899017 jupyter/base-notebook "tini -g -- start-no..." 6 minutes ago Up 6 minutes 0.0.0.0:8888->8888/tcp xenodochial_gates

C:\Users\Tulio>_
```

Creando la red



MySql Container

```
Simbolo del sistema- docker run-it --network my_test_network -e "MYSQL_ROOT_PASSWORD=root123" -e "MYSQL_DATABASE=test" -e "MYSQL_PASSWORD=root123" -e "MYSQL_DATABASE=test" -e "MYSQL_DATABASE=test" -e "MYSQL_DATABASE=test" -e "MYSQL_DATABASE=test" -e "MYSQL_DATABASE=test" -e "MYSQL_PASSWORD=root123" -e "MYSQL_DATABASE=test" -e "MYSQL_DATABASE=test"-e "MYSQL_DATABASE=test"-e "MYSQL_DATABASE=test"-e "MYSQL_DATABASE=test"-e "MYSQL_
                 Símbolo del sistema - docker run -it --network my, test_network -e "MYSQL_ROOT_PASSWORD=root123" -e "MYSQL_DATABASE=test" -e "MYSQL_USER=test" -e "MYSQL_PASSWORD=test123" ...
2021-10-31T04:09:43.20620ZZ 0 [Warning] CA Certificate ca.pem is best example.
2021-10-31T04:09:43.664326Z 1 [Warning] root@localhost is created with an empty password! Please consider switching off the --initialize-insecure option.
2021-10-31 04:09:47-00:00 [Mote] [Entrypoint]: Database files initialized
2021-10-31 04:09:47-00:00 [Mote] [Entrypoint]: Starting temporary server
2021-10-31 04:09:47-00:00 [Mote] [Entrypoint]: Starting temporary server
2021-10-31104:09:47.00:00 [Mote] [Entrypoint]: Walting for server startup
2021-10-31104:09:47.00:00 [Mote] [Entrypoint]: Walting for server startup
2021-10-31104:09:47.00:00 [Mote] [Mote
```

