Creating Docker images

```
REPOSITORY
                                                            IMAGE ID
                                                                                              CREATED
                                                                                                                               SIZE
467MB
                                      TAG
                                                                                             7 days ago
7 days ago
8 days ago
                                                            15a617d619d4
15a617d619d4
602eb6fb314b
602eb6fb314b
chleela/tomcat
                                     mytag
latest
                                                                                                                               467MB
tomcat
chleela/dev
                                                                                                                               78.1MB
                                      proje
                                                                                                                               78.1MB
192MB
ubuntu
                                       latest
                                                                                              8 days ago
 nginx latest 4cad75abc83d 2
chleela/qa project 4cad75abc83d 2
[root@ip-172-31-21-150 ec2-user]# docker ps
                                                                                              2
                                                                                                  months ago
nginx
chleela/qa
                                                                                                                               192MB
                                                                                                  months ago
[root@ip-172-31-21-150 ec2-user]# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS
[root@ip-172-31-21-150 ec2-user]# docker ps -a
CONTAINER ID IMAGE COMMAND
87e027c6d356 tomcat "catalina.sh run"
ed9d1e5f50e1 602eb6fb314b "/bin/bash"
cdcb1d8625c1 4cad75abc83d "/docker-entrypoint..."
[root@ip-172-31-21-150 ec2-user]# docker run -p nginx
"docker run" requires at least 1 argument.
See 'docker run --help'.
                                                                                                                           PORTS
                                                                                                                                                 NAMES
                                                                                                                           CREATED
                                                                                                                                                            STATUS
                                                                                                                                                            Exited
Exited
                                                                                                                           43 hours ago
47 hours ago
                                                                                                                                hours ago
                                                                                                                                                                            (13
(0)
                                                                                                                           3 days ago
                                                                                                                                                            Exited
Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]
Create and run a new container from an image
[root@ip-172-31-21-150 ec2-user]# docker run -d -p 80:80 nginx
df90a85b631f8b7139403018e5db028095e87b3c00f2f778c02814003012f835
 [root@ip-172-31-21-150 ec2-user]# |
  🔻 🧸 AiPPT - Al-Powere: X 📳 Introduction to do X 🔯 SecurityGroup | EC X 🕲 Introducing Chat G X 🕲 EC2 SSH Connectic X 😵 Welcome to nginx! X +
  ← → C △ Not secure 13.60.5.141
```

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to <u>nginx.org</u>. Commercial support is available at <u>nginx.com</u>.

Thank you for using nginx.



It works!



```
[root@ip=172-31-21-150 ec2-user]# mkdir ubuntu-apache
[root@ip-172-31-21-150 ec2-user]# cd ubuntu-apache
[root@ip-172-31-21-150 ubuntu-apache]# nano bockerfile
[root@ip-172-31-21-150 ubuntu-apache]# nano bockerfile
[root@ip-172-31-21-150 ubuntu-apache]# docker run -d -p 60:80 ubuntu-apache
Unable to find image 'ubuntu-apache] # docker run -d -p 60:80 ubuntu-apache, repository does not exist or may require 'docker login': denied: requested access to the resource
is denied.

See 'docker run -help'.
[root@ip-172-31-21-150 ubuntu-apache] # docker build -t ubuntu-apache .

[a Building 19.68 (6/6) FINISHED

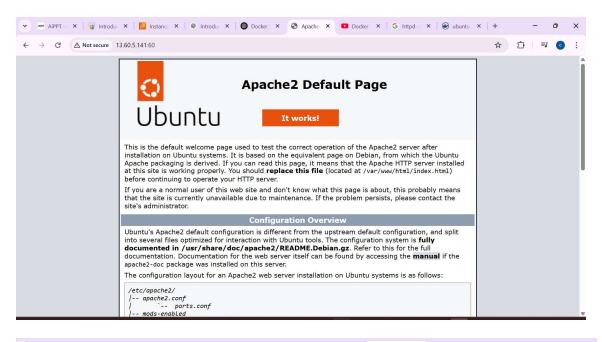
docker:default

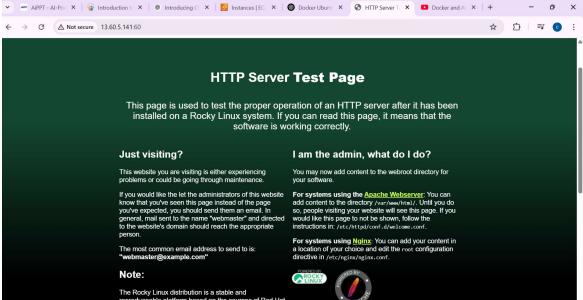
[internal] load build definition from Dockerfile

internal] load build definition from Dockerfile

internal] load dockering to docker.

[internal] load dock
```





```
| Internal | load build definition from dockerfile | Standard for docker. | Standard for do
```



This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is working properly.

If you are a member of the general public:

The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".

If you are the website administrator:

You may now add content to the directory /var/www/html/. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file /etc/httpd/conf.d/welcome.conf.

You are free to use the image below on web sites powered by the Apache HTTP



