If you want to see all containers, including the stopped ones, you can use the -a or -all

1. 1
2. docker ps -a

Example: Search for a pattern in a file.

1. 1
2. grep "search\_pattern" file.txt

| **Package/Method** | **Description** | **Code Example** |
| --- | --- | --- |
| bash | Bash, or the Bourne Again Shell command, is a command-line interpreter commonly used in Unix-based operating systems. It runs in a text window where the user can interpret commands to carry out various actions. | 1. 1 2. 2 3. 3 4. #!/bin/bash 5. #This is a Bash script that prints "Hello, World!" 6. echo "Hello, World!" |
| docker build | Builds Docker images from a Dockerfile and a "context" A build's context is the set of files located in the specified path or URL. . | 1. 1 2. docker build -t your-image-name . |
| Replace your-image-name with the desired name for your Docker image. The . at the end of the command indicates that the build context is the current directory (where the Dockerfile is located). |  |  |
| docker network | You can use this code to manage networks. The subcommands can be used to create, inspect, list, remove, prune, connect, and disconnect networks. | 1. 1 2. 2 3. 3 4. 4 5. 5 6. 6 7. 7 8. 8 9. 9 10. 10 11. 11 12. 12 13. 13 14. 14 15. 15 16. 16 17. 17 18. 18 19. 19 20. 20 21. # create a docker network 22. docker network create my\_network 23. #Verify Network Connection 24. docker network inspect my\_network 25. #List docker Network 26. docker network ls 27. #Remove docker network 28. docker network rm NETWORK\_NAME\_OR\_ID 29. #Prune docker network 30. docker network prune 31. #Connect Docker Network 32. docker network connect NETWORK\_NAME CONTAINER\_NAME\_OR\_ID 33. #Disconnect Docker Network 34. docker network disconnect NETWORK\_NAME CONTAINER\_NAME\_OR\_ID |
| docker ps | Lists the running containers by default. We can use different flags to get the list of other containers that are in stopped or exited status. | 1. 1 2. docker ps [OPTIONS] |
| docker pull | You can download Docker images from the internet. | 1. 1 2. docker pull [OPTIONS] IMAGE\_NAME[:TAG] |
| docker run | It runs a command in a new container, getting the image and starting the container if needed. | 1. 1 2. docker run [OPTIONS] IMAGE [COMMAND] [ARG...] |
| docker stop | You can specify and stop one or more running Docker containers. | 1. 1 2. docker stop CONTAINER\_NAME\_OR\_ID |
| grep | It searches for the pattern specified by the Pattern parameter and writes each matching line to standard output. The patterns are limited to regular expressions in the ed or egrep command style. The grep command uses a compact non-deterministic algorithm. | 1. 1 2. grep [OPTIONS] PATTERN [FILE...] |
| git clone | You can create a copy of a specific repository or branch within a repository. | 1. 1 2. git clone REPOSITORY\_URL [DESTINATION\_DIRECTORY] |
| oc | It is the main command line for OpenShift. It comprises tools to build, deploy, and administer containers. | 1. 1 2. 2 3. oc login [OPTIONS] 4. oc new-project PROJECT\_NAME |
| oc apply | It computes and applies differences between objects by performing a three-way merge between the input into the command, the current version of the object, and the most recent user-specified object definition stored as an annotation in the current object. | 1. 1 2. oc apply [OPTIONS] -f FILE\_PATH |
| oc create deployment | Helps create a deployment with the specified name. | 1. 1 2. oc create deployment DEPLOYMENT\_NAME --image=IMAGE\_NAME |
| oc describe | This operation can be used to return detailed information about a specific objectﲠexample, pods. | 1. 1 2. 2 3. oc describe RESOURCE\_TYPE RESOURCE\_NAME 4. Example: oc describe pod my-pod |
| oc expose | Exposes a replicated application as a service or route. | 1. 1 2. 2 3. oc expose SERVICE/POD [OPTIONS] 4. Example: oc expose pod my-pod |
| oc get | Displays one or many resources for example, pods, replication controllers, etc. | 1. 1 2. 2 3. oc get RESOURCE\_TYPE [OPTIONS] 4. Example: oc get pods |
| touch | Updates the access and modification times of a file. | 1. 1 2. 2 3. 3 4. touch [OPTIONS] FILENAME 5. </td> |