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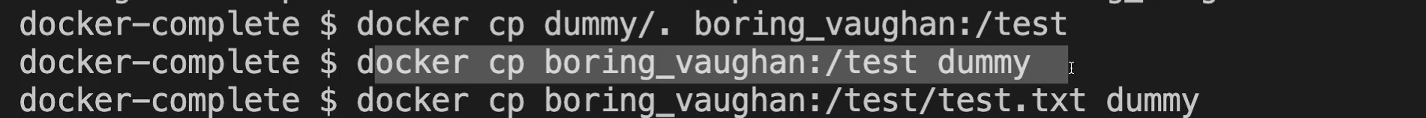
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### Dockerfile

1. VOLUME [“/app/feedback”]
2. images, containers.
3. Docker Hub, Pre-built, Custom Images.
4. Image by Official Team (Node, Java), Community or Colleague.
5. We run Node image to create Node Container.
6. Dockerfile. Dockerfile extension in Visual Code IDE.

### Commands:

* 1. docker build . (dot)
     1. -t :
        1. 
  2. docker <any-command> --help
  3. docker ps
     1. -a : To list stopped containers too.
  4. docker start <container\_name\_or\_id>
     1. By Default, detached mode.
     2. Options:
        1. -a: To run in attached mode.
        2. -i : To run in interactive mode. (Pre-Condition: attached mode)
  5. docker run:
     1. By default, attached mode
     2. Options:
        1. -d : to run in detached mode.
        2. -i : interactive mode (To provide input to the container process)
        3. -t: terminal.
        4. –rm: To remove container automatically when process done.
        5. --name:  
           Graphical user interface

           Description automatically generated
        6. -v :
           1. **-v** <volume-name>:<path-to-folder-inside-container>  
              -v feedback-volume:/app/feedback
  6. docker attach <container\_id\_name>
     1. No matter a container was run with run or start command.
  7. docker log <container\_id\_name>
     1. Options:
        1. -f: To follow the future logs.
  8. docker stop <container\_name>
  9. docker rm <container\_name>
  10. docker rmi <image\_id> : Will remove image along with layers.
  11. docker images
  12. docker image
      1. prune : To remove dangling images  
         **dangling image**: Images without any name.  
         **Unused Image**: Images with a name (tagged image)
         1. -a : To remove dangling & unused images.
      2. inspect <image\_id>
  13. docker cp
      1. docker cp <local\_location> container\_id:<container\_ location>
      2. docker cp container\_id:<container\_ location> <local\_location>  
         
  14. docker volume rm <volume-name>
      1. docker volume prune.

1. attached, detached, interactive modes.
2. Running process in a container, Running Container.
3. Process in the container = Containerized App.
4. Docker Hub, Private Registry, Container Registry.

### Volumes = Storages

1. Volumes, Bind Mounts.
2. Anonymous Volumes, Named Volumes.
3. Named Volumes.
4. Arguments, Environment Variables.
5. **Volume**: Changes in either folder (on host machine or inside container) will be reflected in the other one.