

NodeJs

Steps:

- 1) git clone (http link of repo)
- 2) cd docker_images/
- 3) cd nodejsTodoAPP/
- 4) docker build .
- 5) docker images
- 6) docker run -d -P id (image id)
- 7) docker ps
- 8) search public ip:assign port

```
root@ip-172-31-87-219:~/docker_images/BasicHelloWorldNode# cd ..
root@ip-172-31-87-219:~/docker_images# ls
2048game      BasicHelloWorldNode  basicHTTPDdockerfile  frontend      nodedockerfile  pythondjango  wordpressdockerfile
Backend       HTTPDhostingstati templates 'centoshttpd(minimal use of 66)' httpddockerfile nodejsTodoAPP  pythondockerfile
BasicFlaskHelloWorld HTTPDAlpineDockerfile dockerfilestudentapp  nginxdockerfile phpdockerfile  pythonflaskapp
root@ip-172-31-87-219:~/docker_images# cd nodejsTodoAPP/
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# docker build .
[+] Building 124.3s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 47kB
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
<none>        <none>    139ff435a3d6   About a minute ago  965MB
arohi         latest    2fe0698e4fff   8 minutes ago   1.1GB
game          latest    15639c8b8f9d   43 minutes ago   256MB
<none>        <none>    515f5ba8ef5b   58 minutes ago   1.68GB
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# docker tag 139 four:latest
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# #docker run -d -P 139
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
four          latest    139ff435a3d6   3 minutes ago   965MB
arohi         latest    2fe0698e4fff   9 minutes ago   1.1GB
game          latest    15639c8b8f9d   44 minutes ago   256MB
<none>        <none>    515f5ba8ef5b   59 minutes ago   1.68GB
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# docker run -d -P 139
7ac21d1e76f9b94c29f921d7ca2760e1c81123534a487b89d5216d80148690ed
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
7ac21d1e76f9   139       "npm start"              8 seconds ago Up 6 seconds   0.0.0.0:32770->3000/tcp, :::32770->3000/tcp  heuristic_lumiere
535a24a14b47   2fe       "docker-entrypoint.s..." 8 minutes ago Up 8 minutes   0.0.0.0:32769->3000/tcp, :::32769->3000/tcp  pensive_hugle
97dd586b0a95   156       "/usr/sbin/nginx -c ..." 37 minutes ago Up 37 minutes   0.0.0.0:32768->80/tcp, :::32768->80/tcp      gracious_montalcini
907528828d9c   515       "flask run --host 0.0.0.0" 56 minutes ago Up 56 minutes   0.0.0.0:5000->5000/tcp, :::5000->5000/tcp    zealous_yonath
root@ip-172-31-87-219:~/docker_images/nodejsTodoAPP#
```

Output:

