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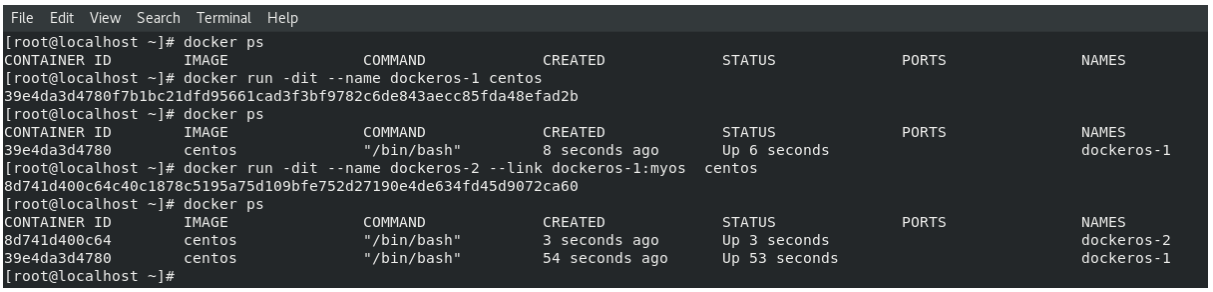
To link one container with another container while launching and monitor the container.

**Procedure:**

**1)** First launch one container using command **docker run**. Now while launching another container use option **--link <container-1-name:alias>**. For example, in the below screenshot to link dockeros-2 with dockeros-1, **--link dockeros-1:myos**.




**2)** Now go inside the second container using command **docker exec -it <container-name> bash**. Once inside the container use **ping** command to ping to first container using

its alias name.

```
[root@localhost ~]#
[root@localhost ~]# docker exec -it dockeros-2 bash
[root@8d741d400c64 /]# ping myos
PING myos (172.17.0.2) 56(84) bytes of data.
64 bytes from myos (172.17.0.2): icmp_seq=1 ttl=64 time=0.119 ms
64 bytes from myos (172.17.0.2): icmp_seq=2 ttl=64 time=0.067 ms
64 bytes from myos (172.17.0.2): icmp_seq=3 ttl=64 time=0.094 ms
64 bytes from myos (172.17.0.2): icmp_seq=4 ttl=64 time=0.079 ms
64 bytes from myos (172.17.0.2): icmp_seq=5 ttl=64 time=0.063 ms
64 bytes from myos (172.17.0.2): icmp_seq=6 ttl=64 time=0.082 ms
64 bytes from myos (172.17.0.2): icmp_seq=7 ttl=64 time=0.052 ms
64 bytes from myos (172.17.0.2): icmp_seq=8 ttl=64 time=0.047 ms
^C
--- myos ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 140ms
rtt min/avg/max/mdev = 0.047/0.075/0.119/0.023 ms
[root@8d741d400c64 /]# exit
exit
[root@localhost ~]#
```

**3)** Now launch another container using **docker run** command. Now run **docker stats** command to see the stats of running container and monitor them.

```
[root@localhost ~]#
[root@localhost ~]# docker run -dit -p 8083:80 httpd
678a6f3d555a6ff4cd694cb40d4fc2460871d93a95ecfbfda5f22f7075a9c167
[root@localhost ~]# docker ps
CONTAINER ID        IMAGE               COMMAND              CREATED             STATUS              PORTS                   NAMES
678a6f3d555a        httpd               "httpd-foreground"   9 seconds ago       Up 4 seconds        0.0.0.0:8083->80/tcp    zealous_booth
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]# docker stats

CONTAINER ID        NAME                CPU %               MEM USAGE / LIMIT     MEM %               NET I/O             BLOCK I/O           PIDS
678a6f3d555a        zealous_booth       0.01%               24.66MiB / 3.692GiB   0.65%               2.31kB / 0B         17.3MB / 0B         82
```