David Thomsen
SYS-265

In the process of looking for projects to do, I was looking for one that helps manage the docker containers as I often get lost within directories and needed a better way to visualize this. I had tried a few different managers but the easiest to use and install was DRY.

I had used these links to both install and use Dry and add it to my docker system.

○ https://github.com/moncho/dry
○ https://www.digitalocean.com/community/tutorials/how-to-manage-and-monitor-docker-containers-with-dry-on-ubuntu-16-04

```
root@docker01-david: /home/david/Git_SSH/linux/centos7

Global keybinds
F8          Shows Docker disk usage
F9          Shows the last 10 events reported by Docker
F10         Inspects Docker
1           To container list
2           To image list
3           To network list
4           To node list (in Swarm mode)
5           To service list (in Swarm mode)
6           To stack list (in Swarm mode)
m           Show container monitor mode
h           Shows this help screen
Ctrl+c      Quits dry immediately
q           Quits dry
esc         Goes back to the main screen

Global list keybinds
F1          Cycles through sort modes
F5          Refreshes the list
%           Filter

Container list keybinds
F2          Toggles showing all containers (default shows just running)
e           Removes the selected container
Ctrl+e      Removes all stopped containers
Ctrl+k      Kills the selected container
l           Displays the logs of the selected container
Ctrl+r      Restarts selected container
s           Displays a live stream of the selected container resource usage statistics
Ctrl+t      Stops selected container (noop if it is not running)
Enter       Returns low-level information of the selected container
```

```
root@docker01-david: /home/david/Git_SSH/linux/centos7

Image list keybinds
Ctrl+e      Removes the selected image
Ctrl+f      Forces removal of the selected image
i           Shows image history
Enter       Returns low-level information of the selected image

Network list keybinds
Enter       Returns low-level information of the selected network

Node list keybinds
Enter       Shows the list of taks running on the selected node

Service list keybinds
Enter       Shows the list of taks that are part of the selected service
l           Displays the logs of the selected service
Ctrl+R      Removes the selected service

Move around in lists
ArrowUp     Moves the cursor one line up
ArrowDown   Moves the cursor one line down
g           Moves the cursor to the beginning of the list
G           Moves the cursor to the end of the list

Move around in logs/inspect buffers
/           Searches for a pattern
F           Only show lines that matches a pattern
g           Moves the cursor to the beginning
G           Moves the cursor until the end
n           After a search, it moves forwards to the next search hit
N           After a search, it moves backwards to the previous search hit
pg up       Moves the cursor "screen size" lines up
pg down     Moves the cursor "screen size" lines down

Press ESC to exit help.
(end)
```

```
Docker Host:          unix:///var/run/docker.sock    Docker Version:  20.10.7                        Hostname:  docker01-david  Swarm:  inactive
Cert Path:                                           APIVersion:      1.41                           CPU:       1
Verify Certificate:   false                          OS/Arch/Kernel:  linux/amd64/5.4.0-94-generic   Memory:    976.8MiB

Images: 7

↓REPOSITORY                              TAG                                               ID             Created    Size
archlinux                               latest                                            28101dbf64c2   2 weeks    380.6MB
hello-world                             latest                                            feb5d9fea6a5   5 months   13.26kB
mysql                                   5.7                                               0712d5dc1b14   4 weeks    448.2MB
shipyard/rethinkdb                      latest                                            4841f0ad4547   6 years    296.2MB
shipyard/shipyard                       latest                                            36fb3dc0907d   5 years    58.84MB
training/webapp                         latest                                            6fae60ef3446   6 years    348.8MB
wordpress                               latest                                            f070d750f79f   3 weeks    622.5MB
```

```
There was an error showing stats: The container list is empty
Docker Host:          unix:///var/run/docker.sock    Docker Version:  20.10.7                        Hostname:  docker01-david  Swarm:  inactive
Cert Path:                                           APIVersion:      1.41                           CPU:       1
Verify Certificate:  false                           OS/Arch/Kernel:  linux/amd64/5.4.0-94-generic   Memory:    976.8MiB

Containers: 0

↓CONTAINER   IMAGE                        COMMAND                   STATUS          PORTS                      NAMES
```

```
Docker Host:          unix:///var/run/docker.sock    Docker Version:  20.10.7                        Hostname:  docker01-david  Swarm:  inactive
Cert Path:                                           APIVersion:      1.41                           CPU:       1
Verify Certificate:  false                           OS/Arch/Kernel:  linux/amd64/5.4.0-94-generic   Memory:    976.8MiB

Networks: 4

↓NETWORK ID           NAME                    DRIVER    CONTAINERS   SERVICES   SCOPE         SUBNET             GATEWAY
1a2437a291d7          bridge                  bridge    0            0          local         172.17.0.0/16      172.17.0.1
3a4f751e523d          none                    null      0            0          local
9bd16edf3d86          my_wordpress_default    bridge    0            0          local         172.18.0.0/16      172.18.0.1
f64c98ad6309          host                    host      0            0          local
```