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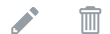
dgs19 / exercises / D_S4_L1_First_Docker_commands_ex.md

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5192bae on May 12

2 contributors 

Raw Blame History



102 lines (81 sloc) 2.21 KB

Exercise

Description:

1.1 Show the Docker version information

```
# docker version
```

```
Client:
```

```
Version:      18.03.0-ce
API version:   1.37
Go version:    go1.9.4
Git commit:    0520e24302
Built: Fri Mar 23 08:31:36 2018
OS/Arch:       windows/amd64
Experimental:  false
Orchestrator:  swarm
```

```
Server:
```

```
Engine:
Version:      18.05.0-ce
API version:   1.37 (minimum version 1.12)
Go version:    go1.10.1
Git commit:    f150324
Built: Wed May 9 22:20:42 2018
OS/Arch:       linux/amd64
```

1.2 Display system-wide information:

```
# docker info
Containers: 5
  Running: 0
  Paused: 0
  Stopped: 5
Images: 24
Server Version: 18.05.0-ce
Storage Driver: aufs
  Root Dir: /mnt/sda1/var/lib/docker/aufs
  Backing Filesystem: extfs
  Dirs: 134
  Dirperm1 Supported: true
Logging Driver: json-file
Cgroup Driver: cgroupfs
Plugins:
  Volume: local
  Network: bridge host macvlan null overlay
  Log: awslogs fluentd gcplogs gelf journald json-file logentries splunk syslog
Swarm: inactive
... output truncated
```

1.3 Verify the "Swarm" status using the "docker info" command

```
# docker info | grep Swarm
Swarm: inactive
```

1.4 Display the complete list of Docker commands

```
# docker <Enter>
Usage:  docker COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "C:\\Users\\GerassimosM\\.docker")
  ...

Management Commands:

  container    Manage containers
```

```
image      Manage images
network    Manage networks
...
```

Commands:

```
attach      Attach local standard input, output, and error streams to a running
build       Build an image from a Dockerfile
commit      Create a new image from a container's changes
cp          Copy files/folders between a container and the local filesystem
...
```



1.5 Explain the difference between the "docker info" and the "docker system info" commands:

- Both commands will display the same information.
- The `docker info` command is the old way to display system information.
- The `docker system info` is the new way to display system information which make use of the new management format:

docker <command> <sub-command> .