



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'docker-system-info.1'***

**C:\>man docker-system-info.1**

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### NAME

docker-system-info - Display system-wide information

### SYNOPSIS

docker system info [OPTIONS]

### DESCRIPTION

This command displays system wide information regarding the Docker installation.

Information displayed includes the kernel version, number of containers and images.

The number of images shown is the number of unique images. The same image tagged under different names is counted only once.

If a format is specified, the given template will be executed instead of the default

format. Go's text/template package describes all the details of the format.

Depending on the storage driver in use, additional information can be shown, such as pool name, data file, metadata file, data space used, total data space, metadata space used, and total metadata space.

The data file is where the images are stored and the metadata file is where the

meta data regarding those images are stored. When run for the first time Docker

locates a certain amount of data space and meta data space from the space available on the volume where /var/lib/docker is mounted.

### EXAMPLES

Display Docker system information

Here is a sample output for a daemon running on Ubuntu, using the overlay2 storage

driver:

```
$ docker -D info
```

Client:

Debug Mode: true

Server:

Containers: 14

Running: 3

Paused: 1

Stopped: 10

Images: 52

Server Version: 1.13.0

Storage Driver: overlay2

Backing Filesystem: extfs

Supports d\_type: true

Native Overlay Diff: false

Logging Driver: json-file

Cgroup Driver: cgroupfs

Plugins:

Volume: local

Network: bridge host macvlan null overlay

Swarm: active

NodeID: rdjq45w1op418waxlairloqbm

Is Manager: true

ClusterID: te8kdyw33n36fqiz74bfjeixd

Managers: 1

Nodes: 2

Orchestration:

Task History Retention Limit: 5

Raft:

Snapshot Interval: 10000

Number of Old Snapshots to Retain: 0

Heartbeat Tick: 1

Election Tick: 3

Dispatcher:

Heartbeat Period: 5 seconds

CA Configuration:

Expiry Duration: 3 months

Node Address: 172.16.66.128 172.16.66.129

Manager Addresses:

172.16.66.128:2477

Runtimes: runc

Default Runtime: runc

Init Binary: docker-init

containerd version: 8517738ba4b82aff5662c97ca4627e7e4d03b531

runc version: ac031b5bf1cc92239461125f4c1ffb760522bbf2

init version: N/A (expected: v0.13.0)

Security Options:

apparmor

seccomp

Profile: default

Kernel Version: 4.4.0-31-generic

Operating System: Ubuntu 16.04.1 LTS

OSType: linux

Architecture: x86\_64

CPUs: 2

Total Memory: 1.937 GiB

Name: ubuntu

ID: H52R:7ZR6:EIIA:76JG:ORIY:BVKF:GSFU:HNPB:B5MK:APSC:SZ3Q:N326

Docker Root Dir: /var/lib/docker

Debug Mode: true

File Descriptors: 30

Goroutines: 123

System Time: 2016-11-12T17:24:37.955404361-08:00

EventsListeners: 0

Http Proxy: http://test:test@proxy.example.com:8080

Https Proxy: https://test:test@proxy.example.com:8080

No Proxy: localhost,127.0.0.1,docker-registry.somecorporation.com

Registry: https://index.docker.io/v1/

WARNING: No swap limit support

Labels:

storage=ssd

staging=true

Experimental: false

Insecure Registries:

127.0.0.0/8

Registry Mirrors:

http://192.168.1.2/

http://registry-mirror.example.com:5000/

Live Restore Enabled: false

The global `-D` option tells all docker commands to output debug information.

The example below shows the output for a daemon running on Red Hat Enterprise

Linux, using the devicemapper storage driver. As can be seen in the output, addi-

tional information about the devicemapper storage driver is shown:

```
$ docker info
```

Client:

Debug Mode: false

Server:

Containers: 14

Running: 3

Paused: 1

Stopped: 10

Untagged Images: 52

Server Version: 1.10.3

Storage Driver: devicemapper

Pool Name: docker-202:2-25583803-pool

Pool Blocksize: 65.54 kB

Base Device Size: 10.74 GB

Backing Filesystem: xfs

Data file: /dev/loop0

Metadata file: /dev/loop1

Data Space Used: 1.68 GB

Data Space Total: 107.4 GB

Data Space Available: 7.548 GB

Metadata Space Used: 2.322 MB

Metadata Space Total: 2.147 GB

Metadata Space Available: 2.145 GB

Udev Sync Supported: true

Deferred Removal Enabled: false

Deferred Deletion Enabled: false

Deferred Deleted Device Count: 0

Data loop file: /var/lib/docker/devicemapper/devicemapper/data

Metadata loop file: /var/lib/docker/devicemapper/devicemapper/metadatas

Library Version: 1.02.107-RHEL7 (2015-12-01)

Execution Driver: native-0.2

Logging Driver: json-file

Plugins:

Volume: local

Network: null host bridge

Kernel Version: 3.10.0-327.el7.x86\_64

Operating System: Red Hat Enterprise Linux Server 7.2 (Maipo)

OSType: linux

Architecture: x86\_64

CPUs: 1

Total Memory: 991.7 MiB

Name: ip-172-30-0-91.ec2.internal

ID: I54V:OLXT:HVMM:TPKO:JPHQ:CQCD:JNLC:O3BZ:4ZVJ:43XJ:PFHZ:6N2S

Docker Root Dir: /var/lib/docker

Debug Mode: false

Username: gordontheturtle

Registry: https://index.docker.io/v1/

Insecure registries:

myinsecurehost:5000

127.0.0.0/8

You can also specify the output format:

```
$ docker info --format '{{json .}}'
```

```
{"ID":"I54V:OLXT:HVMM:TPKO:JPHQ:CQCD:JNLC:O3BZ:4ZVJ:43XJ:PFHZ:6N2S","Containers":14, ...}
```

## OPTIONS

`-f, --format=""` Format the output using the given Go template

`-h, --help[=false]` help for info

## SEE ALSO

[docker-system\(1\)](#)

[Docker Community](#)

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[DOCKER\(1\)](#)