

**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 allocates 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:HNPG: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, additional 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 Blocksiz: 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/metadata
   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)**