Linux Ubuntu 22.4.5 Manual Pages on command 'docker-system-info.1'

$ man docker-system-info.1

DOCKER(1) Docker User Manuals DOCKER(1)

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 de?

fault 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 al?

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: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, 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/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)

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