DOCKER

==================================================================================

Options:

--config string Location of client config files (default"/root/.docker")

-c, --context string Name of the context to use to connect to the

daemon (overrides DOCKER\_HOST env var and

default context set with "docker context use")

-D, --debug Enable debug mode

-H, --host list Daemon socket(s) to connect to

-l, --log-level string Set the logging level ("debug"|"info"|"warn"|"error"|"fatal")

(default "info")

--tls Use TLS; implied by --tlsverify

--tlscacert string Trust certs signed only by this CA (default

"/root/.docker/ca.pem")

--tlscert string Path to TLS certificate file (default

"/root/.docker/cert.pem")

--tlskey string Path to TLS key file (default

"/root/.docker/key.pem")

--tlsverify Use TLS and verify the remote

-v, --version Print version information and quit

Management Commands:

app\* Docker App (Docker Inc., v0.9.1-beta3)

builder Manage builds

buildx\* Build with BuildKit (Docker Inc., v0.5.1-docker)

config Manage Docker configs

container Manage containers

context Manage contexts

image Manage images

manifest Manage Docker image manifests and manifest lists

network Manage networks

node Manage Swarm nodes

plugin Manage plugins

secret Manage Docker secrets

service Manage services

stack Manage Docker stacks

swarm Manage Swarm

system Manage Docker

trust Manage trust on Docker images

volume Manage volumes

Commands:

attach Attach local standard input, output, and error streams to a running container

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

create Create a new container

diff Inspect changes to files or directories on a container's filesystem

events Get real time events from the server

exec Run a command in a running container

export Export a container's filesystem as a tar archive

history Show the history of an image

images List images

import Import the contents from a tarball to create a filesystem image

info Display system-wide information

inspect Return low-level information on Docker objects

kill Kill one or more running containers

load Load an image from a tar archive or STDIN

login Log in to a Docker registry

logout Log out from a Docker registry

logs Fetch the logs of a container

pause Pause all processes within one or more containers

port List port mappings or a specific mapping for the container

ps List containers

pull Pull an image or a repository from a registry

push Push an image or a repository to a registry

rename Rename a container

restart Restart one or more containers

rm Remove one or more containers

rmi Remove one or more images

run Run a command in a new container

save Save one or more images to a tar archive (streamed to STDOUT by default)

search Search the Docker Hub for images

start Start one or more stopped containers

stats Display a live stream of container(s) resource usage statistics

stop Stop one or more running containers

tag Create a tag TARGET\_IMAGE that refers to SOURCE\_IMAGE

top Display the running processes of a container

unpause Unpause all processes within one or more containers

update Update configuration of one or more containers

version Show the Docker version information

wait Block until one or more containers stop, then print their exit codes

Docker attach command:

==================================================================================

Options:

--detach-keys string Override the key sequence for detaching a container

--no-stdin Do not attach STDIN

--sig-proxy Proxy all received signals to the process (default true)

Docker build commands:

==================================================================================

Options:

--add-host list Add a custom host-to-IP mapping (host:ip)

--build-arg list Set build-time variables

--cache-from strings Images to consider as cache sources

--cgroup-parent string Optional parent cgroup for the container

--compress Compress the build context using gzip

--cpu-period int Limit the CPU CFS (Completely Fair Scheduler) period

--cpu-quota int Limit the CPU CFS (Completely Fair Scheduler) quota

-c, --cpu-shares int CPU shares (relative weight)

--cpuset-cpus string CPUs in which to allow execution (0-3, 0,1)

--cpuset-mems string MEMs in which to allow execution (0-3, 0,1)

--disable-content-trust Skip image verification (default true)

-f, --file string Name of the Dockerfile (Default is 'PATH/Dockerfile')

--force-rm Always remove intermediate containers

--iidfile string Write the image ID to the file

--isolation string Container isolation technology

--label list Set metadata for an image

-m, --memory bytes Memory limit

--memory-swap bytes Swap limit equal to memory plus swap: '-1' to enable unlimited swap

--network string Set the networking mode for the RUN instructions during build (default "default")

--no-cache Do not use cache when building the image

--pull Always attempt to pull a newer version of the image

-q, --quiet Suppress the build output and print image ID on success

--rm Remove intermediate containers after a successful build (default true)

--security-opt strings Security options

--shm-size bytes Size of /dev/shm

-t, --tag list Name and optionally a tag in the 'name:tag' format

--target string Set the target build stage to build.

--ulimit ulimit Ulimit options (default [])

Docker commit command:

==================================================================================

Options:

-a, --author string Author (e.g., "John Hannibal Smith <hannibal@a-team.com>")

-c, --change list Apply Dockerfile instruction to the created image

-m, --message string Commit message

-p, --pause Pause container during commit (default true)

Docker cp command:

==================================================================================

Options:

-a, --archive Archive mode (copy all uid/gid information)

-L, --follow-link Always follow symbol link in SRC\_PATH

Docker create command:

==================================================================================

Options:

--add-host list Add a custom host-to-IP mapping (host:ip)

-a, --attach list Attach to STDIN, STDOUT or STDERR

--blkio-weight uint16 Block IO (relative weight), between 10 and 1000, or 0 to disable (default 0)

--blkio-weight-device list Block IO weight (relative device weight) (default [])

--cap-add list Add Linux capabilities

--cap-drop list Drop Linux capabilities

--cgroup-parent string Optional parent cgroup for the container

--cidfile string Write the container ID to the file

--cpu-period int Limit CPU CFS (Completely Fair Scheduler) period

--cpu-quota int Limit CPU CFS (Completely Fair Scheduler) quota

--cpu-rt-period int Limit CPU real-time period in microseconds

--cpu-rt-runtime int Limit CPU real-time runtime in microseconds

-c, --cpu-shares int CPU shares (relative weight)

--cpus decimal Number of CPUs

--cpuset-cpus string CPUs in which to allow execution (0-3, 0,1)

--cpuset-mems string MEMs in which to allow execution (0-3, 0,1)

--device list Add a host device to the container

--device-cgroup-rule list Add a rule to the cgroup allowed devices list

--device-read-bps list Limit read rate (bytes per second) from a device (default [])

--device-read-iops list Limit read rate (IO per second) from a device (default [])

--device-write-bps list Limit write rate (bytes per second) to a device (default [])

--device-write-iops list Limit write rate (IO per second) to a device (default [])

--disable-content-trust Skip image verification (default true)

--dns list Set custom DNS servers

--dns-option list Set DNS options

--dns-search list Set custom DNS search domains

--domainname string Container NIS domain name

--entrypoint string Overwrite the default ENTRYPOINT of the image

-e, --env list Set environment variables

--env-file list Read in a file of environment variables

--expose list Expose a port or a range of ports

--gpus gpu-request GPU devices to add to the container ('all' to pass all GPUs)

--group-add list Add additional groups to join

--health-cmd string Command to run to check health

--health-interval duration Time between running the check (ms|s|m|h) (default 0s)

--health-retries int Consecutive failures needed to report unhealthy

--health-start-period duration Start period for the container to initialize before starting health-retries countdown (ms|s|m|h) (default 0s)

--health-timeout duration Maximum time to allow one check to run (ms|s|m|h) (default 0s)

--help Print usage

-h, --hostname string Container host name

--init Run an init inside the container that forwards signals and reaps processes

-i, --interactive Keep STDIN open even if not attached

--ip string IPv4 address (e.g., 172.30.100.104)

--ip6 string IPv6 address (e.g., 2001:db8::33)

--ipc string IPC mode to use

--isolation string Container isolation technology

--kernel-memory bytes Kernel memory limit

-l, --label list Set meta data on a container

--label-file list Read in a line delimited file of labels

--link list Add link to another container

--link-local-ip list Container IPv4/IPv6 link-local addresses

--log-driver string Logging driver for the container

--log-opt list Log driver options

--mac-address string Container MAC address (e.g., 92:d0:c6:0a:29:33)

-m, --memory bytes Memory limit

--memory-reservation bytes Memory soft limit

--memory-swap bytes Swap limit equal to memory plus swap: '-1' to enable unlimited swap

--memory-swappiness int Tune container memory swappiness (0 to 100) (default -1)

--mount mount Attach a filesystem mount to the container

--name string Assign a name to the container

--network network Connect a container to a network

--network-alias list Add network-scoped alias for the container

--no-healthcheck Disable any container-specified HEALTHCHECK

--oom-kill-disable Disable OOM Killer

--oom-score-adj int Tune host's OOM preference (-1000 to 1000)

--pid string PID namespace to use

--pids-limit int Tune container pids limit (set -1 for unlimited)

--platform string Set platform if server is multi-platform capable

--privileged Give extended privileges to this container

-p, --publish list Publish a container's port(s) to the host

-P, --publish-all Publish all exposed ports to random ports

--pull string Pull image before creating ("always"|"missing"|"never") (default "missing")

--read-only Mount the container's root filesystem as read only

--restart string Restart policy to apply when a container exits (default "no")

--rm Automatically remove the container when it exits

--runtime string Runtime to use for this container

--security-opt list Security Options

--shm-size bytes Size of /dev/shm

--stop-signal string Signal to stop a container (default "SIGTERM")

--stop-timeout int Timeout (in seconds) to stop a container

--storage-opt list Storage driver options for the container

--sysctl map Sysctl options (default map[])

--tmpfs list Mount a tmpfs directory

-t, --tty Allocate a pseudo-TTY

--ulimit ulimit Ulimit options (default [])

-u, --user string Username or UID (format: <name|uid>[:<group|gid>])

--userns string User namespace to use

--uts string UTS namespace to use

-v, --volume list Bind mount a volume

--volume-driver string Optional volume driver for the container

--volumes-from list Mount volumes from the specified container(s)

-w, --workdir string Working directory inside the container

docker events command:

==================================================================================

Options:

-f, --filter filter Filter output based on conditions provided

--format string Format the output using the given Go template

--since string Show all events created since timestamp

--until string Stream events until this timestamp

docker exec command:

==================================================================================

Options:

-d, --detach Detached mode: run command in the background

--detach-keys string Override the key sequence for detaching a container

-e, --env list Set environment variables

--env-file list Read in a file of environment variables

-i, --interactive Keep STDIN open even if not attached

--privileged Give extended privileges to the command

-t, --tty Allocate a pseudo-TTY

-u, --user string Username or UID (format:<name|uid>[:<group|gid>])

-w, --workdir string Working directory inside the container

docker export command:

==================================================================================

Options:

-o, --output string Write to a file, instead of STDOUT

docker history command:

==================================================================================

Options:

--format string Pretty-print images using a Go template

-H, --human Print sizes and dates in human readable format (default true)

--no-trunc Don't truncate output

-q, --quiet Only show image IDs

docker images command:

==================================================================================

Options:

-a, --all Show all images (default hides intermediate images)

--digests Show digests

-f, --filter filter Filter output based on conditions provided

--format string Pretty-print images using a Go template

--no-trunc Don't truncate output

-q, --quiet Only show image IDs

docker import command:

==================================================================================

Options:

-c, --change list Apply Dockerfile instruction to the created image

-m, --message string Set commit message for imported image

--platform string Set platform if server is multi-platform capable

docker info command:

==================================================================================

Options:

-f, --format string Format the output using the given Go template

docker inspect command:

==================================================================================

Options:

-f, --format string Format the output using the given Go template

-s, --size Display total file sizes if the type is container

--type string Return JSON for specified type

docker kill command:

==================================================================================

Options:

-s, --signal string Signal to send to the container (default "KILL")

docker load command:

==================================================================================

Options:

-i, --input string Read from tar archive file, instead of STDIN

-q, --quiet Suppress the load output

docker login command:

==================================================================================

Options:

-p, --password string Password

--password-stdin Take the password from stdin

-u, --username string Username

docker logs command:

==================================================================================

Options:

--details Show extra details provided to logs

-f, --follow Follow log output

--since string Show logs since timestamp (e.g.2013-01-02T13:23:37Z) or relative (e.g. 42m for 42 minutes)

-n, --tail string Number of lines to show from the end of the logs (default "all")

-t, --timestamps Show timestamps

--until string Show logs before a timestamp (e.g.2013-01-02T13:23:37Z) or relative (e.g. 42m for 42 minutes)

docker ps command:

==================================================================================

Options:

-a, --all Show all containers (default shows just running)

-f, --filter filter Filter output based on conditions provided

--format string Pretty-print containers using a Go template

-n, --last int Show n last created containers (includes allstates) (default -1)

-l, --latest Show the latest created container (includes all states)

--no-trunc Don't truncate output

-q, --quiet Only display container IDs

-s, --size Display total file sizes

docker pull command:

==================================================================================

Options:

-a, --all-tags Download all tagged images in the repository

--disable-content-trust Skip image verification (default true)

--platform string Set platform if server is multi-platform capable

-q, --quiet Suppress verbose output

docker push command:

==================================================================================

Options:

-a, --all-tags Push all tagged images in the repository

--disable-content-trust Skip image signing (default true)

-q, --quiet Suppress verbose output

docker restart command:

==================================================================================

Options:

-t, --time int Seconds to wait for stop before killing the container (default 10)

docker rm command:

==================================================================================

Options:

-f, --force Force the removal of a running container (uses SIGKILL)

-l, --link Remove the specified link

-v, --volumes Remove anonymous volumes associated with the container

docker rmi command:

==================================================================================

Options:

-f, --force Force removal of the image

--no-prune Do not delete untagged parents

docker run command:

==================================================================================

Options:

--add-host list Add a custom host-to-IP mapping(host:ip)

-a, --attach list Attach to STDIN, STDOUT or STDERR

--blkio-weight uint16 Block IO (relative weight), between 10 and 1000, or 0 to disable (default 0)

--blkio-weight-device list Block IO weight (relative device weight) (default [])

--cap-add list Add Linux capabilities

--cap-drop list Drop Linux capabilities

--cgroup-parent string Optional parent cgroup for the container

--cidfile string Write the container ID to the file

--cpu-period int Limit CPU CFS (Completely Fair Scheduler) period

--cpu-quota int Limit CPU CFS (Completely Fair Scheduler) quota

--cpu-rt-period int Limit CPU real-time period in microseconds

--cpu-rt-runtime int Limit CPU real-time runtime in microseconds

-c, --cpu-shares int CPU shares (relative weight)

--cpus decimal Number of CPUs

--cpuset-cpus string CPUs in which to allow execution (0-3, 0,1)

--cpuset-mems string MEMs in which to allow execution (0-3, 0,1)

-d, --detach Run container in background and print container ID

--detach-keys string Override the key sequence for detaching a container

--device list Add a host device to the container

--device-cgroup-rule list Add a rule to the cgroup allowed devices list

--device-read-bps list Limit read rate (bytes per second) from a device (default [])

--device-read-iops list Limit read rate (IO per second) from a device (default [])

--device-write-bps list Limit write rate (bytes per second) to a device (default [])

--device-write-iops list Limit write rate (IO per second) to a device (default[])

--disable-content-trust Skip image verification (default true)

--dns list Set custom DNS servers

--dns-option list Set DNS options

--dns-search list Set custom DNS search domains

--domainname string Container NIS domain name

--entrypoint string Overwrite the default ENTRYPOINT of the image

-e, --env list Set environment variables

--env-file list Read in a file of environment variables

--expose list Expose a port or a range of ports

--gpus gpu-request GPU devices to add to the container ('all' to pass all GPUs)

--group-add list Add additional groups to join

--health-cmd string Command to run to check health

--health-interval duration Time between running the check (ms|s|m|h) (default 0s)

--health-retries int Consecutive failures needed to report unhealthy

--health-start-period duration Start period for the container to initialize before starting health-retries countdown (ms|s|m|h) (default 0s)

--health-timeout duration Maximum time to allow one check to run (ms|s|m|h) (default 0s)

--help Print usage

-h, --hostname string Container host name

--init Run an init inside the container that forwards signals and reapsprocesses

-i, --interactive Keep STDIN open even if not attached

--ip string IPv4 address (e.g., 172.30.100.104)

--ip6 string IPv6 address (e.g., 2001:db8::33)

--ipc string IPC mode to use

--isolation string Container isolation technology

--kernel-memory bytes Kernel memory limit

-l, --label list Set meta data on a container

--label-file list Read in a line delimited file of labels

--link list Add link to another container

--link-local-ip list Container IPv4/IPv6 link-local addresses

--log-driver string Logging driver for the container

--log-opt list Log driver options

--mac-address string Container MAC address (e.g.,92:d0:c6:0a:29:33)

-m, --memory bytes Memory limit

--memory-reservation bytes Memory soft limit

--memory-swap bytes Swap limit equal to memory plus swap: '-1' to

enable unlimited swap

--memory-swappiness int Tune container memory swappiness (0 to 100) (default -1)

--mount mount Attach a filesystem mount to the container

--name string Assign a name to the container

--network network Connect a container to a network

--network-alias list Add network-scoped alias for the container

--no-healthcheck Disable any container-specified HEALTHCHECK

--oom-kill-disable Disable OOM Killer

--oom-score-adj int Tune host's OOM preferences (-1000 to 1000)

--pid string PID namespace to use

--pids-limit int Tune container pids limit (set -1 for unlimited)

--platform string Set platform if server is multi-platform capable

--privileged Give extended privileges to this container

-p, --publish list Publish a container's port(s) to the host

-P, --publish-all Publish all exposed ports to random ports

--pull string Pull image before running ("always"|"missing"|"never") (default "missing")

--read-only Mount the container's root filesystem as read only

--restart string Restart policy to apply when a container exits (default "no")

--rm Automatically remove the container when it exits

--runtime string Runtime to use for this container

--security-opt list Security Options

--shm-size bytes Size of /dev/shm

--sig-proxy Proxy received signals to the process (default true)

--stop-signal string Signal to stop a container (default "SIGTERM")

--stop-timeout int Timeout (in seconds) to stop a container

--storage-opt list Storage driver options for the container

--sysctl map Sysctl options (default map[])

--tmpfs list Mount a tmpfs directory

-t, --tty Allocate a pseudo-TTY

--ulimit ulimit Ulimit options (default [])

-u, --user string Username or UID (format:<name|uid>[:<group|gid>])

--userns string User namespace to use

--uts string UTS namespace to use

-v, --volume list Bind mount a volume

--volume-driver string Optional volume driver for the container

--volumes-from list Mount volumes from the specified container(s)

-w, --workdir string Working directory inside the container

Docker save command:

Options:

-o, --output string Write to a file, instead of STDOUT

Docker search command:

Options:

-f, --filter filter Filter output based on conditions provided

--format string Pretty-print search using a Go template

--limit int Max number of search results (default 25)

--no-trunc Don't truncate output

Docker start command:

Options:

-a, --attach Attach STDOUT/STDERR and forward signals

--detach-keys string Override the key sequence for detaching a container

-i, --interactive Attach container's STDIN

Docker stop command:

Options:

-t, --time int Seconds to wait for stop before killing it (default 10)

Docker update command:

Options:

--blkio-weight uint16 Block IO (relative weight), between 10 and 1000, or 0 to disable (default 0)

--cpu-period int Limit CPU CFS (Completely Fair Scheduler) period

--cpu-quota int Limit CPU CFS (Completely Fair Scheduler) quota

--cpu-rt-period int Limit the CPU real-time period in microseconds

--cpu-rt-runtime int Limit the CPU real-time runtime in microseconds

-c, --cpu-shares int CPU shares (relative weight)

--cpus decimal Number of CPUs

--cpuset-cpus string CPUs in which to allow execution (0-3, 0,1)

--cpuset-mems string MEMs in which to allow execution (0-3, 0,1)

--kernel-memory bytes Kernel memory limit

-m, --memory bytes Memory limit

--memory-reservation bytes Memory soft limit

--memory-swap bytes Swap limit equal to memory plus swap: '-1' to enable unlimited swap

--pids-limit int Tune container pids limit (set -1 for unlimited)

--restart string Restart policy to apply when a container exits

Docker version command:

Options:

-f, --format string Format the output using the given Go template

--kubeconfig string Kubernetes config file