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Usage:  docker run [OPTIONS] IMAGE [COMMAND] [ARG...]


Run a command in a new container


Options:

      --add-host value            Add a custom host-to-IP mapping (host:ip) (default [])
  -a, --attach value              Attach to STDIN, STDOUT or STDERR (default [])
      --blkio-weight value        Block IO (relative weight), between 10 and 1000
      --blkio-weight-device value Block IO weight (relative device weight) (default [])
      --cap-add value             Add Linux capabilities (default [])
      --cap-drop value            Drop Linux capabilities (default [])
      --cgroup-parent string      Optional parent cgroup for the container
      --cidfile string            Write the container ID to the file
      --cpu-percent int           CPU percent (Windows only)
      --cpu-period int            Limit CPU CFS (Completely Fair Scheduler) period
      --cpu-quota int             Limit 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)
  -d, --detach                    Run container in background and print container ID
      --detach-keys string        Override the key sequence for detaching a container
      --device value              Add a host device to the container (default [])
      --device-read-bps value     Limit read rate (bytes per second) from a device (default [])
      --device-read-iops value    Limit read rate (IO per second) from a device (default [])
      --device-write-bps value    Limit write rate (bytes per second) to a device (default [])
      --device-write-iops value   Limit write rate (IO per second) to a device (default [])
      --disable-content-trust     Skip image verification (default true)
      --dns value                 Set custom DNS servers (default [])
      --dns-opt value             Set DNS options (default [])
      --dns-search value          Set custom DNS search domains (default [])
      --entrypoint string         Overwrite the default ENTRYPOINT of the image
  -e, --env value                 Set environment variables (default [])
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    --env-file value              Read in a file of environment variables (default [])

    --expose value                Expose a port or a range of ports (default [])

    --group-add value             Add additional groups to join (default [])

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

    --health-interval duration    Time between running the check

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

    --health-timeout duration     Maximum time to allow one check to run

    --help                        Print usage
-h, --hostname string             Container host name
-i, --interactive                 Keep STDIN open even if not attached
    --io-maxbandwidth string      Maximum IO bandwidth limit for the system drive (Windows only)

                                  (Windows only). The format is `<number><unit>`.

                                  Unit is optional and can be `b` (bytes per second),

                                  `k` (kilobytes per second), `m` (megabytes per second),

                                  or `g` (gigabytes per second). If you omit the unit,

                                  the system uses bytes per second.

                                  --io-maxbandwidth and --io-maxiops are mutually exclusive

                                  options.

    --io-maxiops uint             Maximum IOps limit for the system drive (Windows only)

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

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

    --ipc string                  IPC namespace to use

    --isolation string            Container isolation technology

    --kernel-memory string        Kernel memory limit
-l, --label value                 Set meta data on a container (default [])

    --label-file value            Read in a line delimited file of labels (default [])

    --link value                  Add link to another container (default [])

    --link-local-ip value         Container IPv4/IPv6 link-local addresses (default [])

    --log-driver string           Logging driver for the container

    --log-opt value               Log driver options (default [])

    --mac-address string          Container MAC address (e.g. 92:d0:c6:0a:29:33)
-m, --memory string               Memory limit
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      --memory-reservation string   Memory soft limit

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

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

      --name string                 Assign a name to the container

      --network-alias value         Add network-scoped alias for the container (default [])

      --network string              Connect a container to a network
                                     'bridge': create a network stack on the default Docker bridge
                                     'none': no networking
                                     'container:<name|id>': reuse another container's network stack
                                     'host': use the Docker host network stack
                                     '<network-name>|<network-id>': connect to a user-defined
                                      network

      --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)

      --privileged                  Give extended privileges to this container
  -p, --publish value              Publish a container's port(s) to the host (default [])
  -P, --publish-all                Publish all exposed ports to random ports

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

      --restart string              Restart policy to apply when a container exits (default "no")
                                     Possible values are : no, on-failuer[:max-retry], always,
                                     unless-stopped

      --rm                          Automatically remove the container when it exits

      --runtime string              Runtime to use for this container

      --security-opt value          Security Options (default [])

      --shm-size string             Size of /dev/shm, default value is 64MB.
                                     The format is `<number><unit>`. `number` must be greater than
                                     `0`.
                                     Unit is optional and can be `b` (bytes), `k` (kilobytes), `m`
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                                  (megabytes),or `g` (gigabytes). If you omit the unit, the
                                  system uses bytes.
      --sig-proxy                 Proxy received signals to the process (default true)
      --stop-signal string        Signal to stop a container, SIGTERM by default (default
                                  "SIGTERM")
      --storage-opt value         Storage driver options for the container (default [])
      --sysctl value              Sysctl options (default map[])
      --tmpfs value               Mount a tmpfs directory (default [])
  -t, --tty                       Allocate a pseudo-TTY
      --ulimit value              Ulimit options (default [])
  -u, --user string               Username or UID (format: <name|uid>[:<group|gid>])
      --userns string             User namespace to use 'host': Use the Docker host user
                                  namespace'': Use the Docker daemon user namespace specified by
                                  `--userns-remap` option.
      --uts string                UTS namespace to use
  -v, --volume value              Bind mount a volume (default []). The comma-delimited
                                  `options` are [rw|ro], [z|Z],
                                  [[r]shared|[r]slave|[r]private], and
                                  [nocopy]. The 'host-src' is an absolute path
                                  or a name value.
      --volume-driver string      Optional volume driver for the container
      --volumes-from value        Mount volumes from the specified container(s) (default [])
  -w, --workdir string            Working directory inside the container
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