```
ptashko@MacBook-Air--Artem ~ % docker --version
Docker version 28.1.1, build 4eba377
```

```
ptashko@MacBook-Air--Artem ~ % docker --help
Usage:  docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Common Commands:
  run         Create and run a new container from an image
  exec        Execute a command in a running container
  ps          List containers
  build       Build an image from a Dockerfile
  bake        Build from a file
  pull        Download an image from a registry
  push        Upload an image to a registry
  images      List images
  login       Authenticate to a registry
  logout      Log out from a registry
  search      Search Docker Hub for images
  version     Show the Docker version information
  info        Display system-wide information

Management Commands:
  ai*         Docker AI Agent - Ask Gordon
  builder     Manage builds
  buildx*     Docker Buildx
  checkpoint  Manage checkpoints
  cloud*      Docker Cloud
  compose*    Docker Compose
  container   Manage containers
  context     Manage contexts
  debug*      Get a shell into any image or container
  desktop*    Docker Desktop commands
  dev*        Docker Dev Environments
  extension*  Manages Docker extensions
  image       Manage images
  init*       Creates Docker-related starter files for your project
  manifest    Manage Docker image manifests and manifest lists
  mcp*        Docker MCP Plugin
  model*      Docker Model Runner
  network     Manage networks
  plugin      Manage plugins
  sbom*       View the packaged-based Software Bill Of Materials (SBOM) for an image
  scout*      Docker Scout
  system      Manage Docker
  trust       Manage trust on Docker images
  volume      Manage volumes

Swarm Commands:
  config      Manage Swarm configs
  node        Manage Swarm nodes
  secret      Manage Swarm secrets
  service     Manage Swarm services
  stack       Manage Swarm stacks
  swarm       Manage Swarm

Commands:
  attach      Attach local standard input, output, and error streams to a running container
  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
  export      Export a container's filesystem as a tar archive
```

```
ptashko@MacBook-Air--Artem ~ % docker search nginx
NAME                                  DESCRIPTION                                        STARS   OFFICIAL
nginx                                 Official build of Nginx.                           20971   [OK]
nginx/nginx-ingress                   NGINX and  NGINX Plus Ingress Controllers fo…      110
nginx/nginx-prometheus-exporter       NGINX Prometheus Exporter for NGINX and NGIN…      50
nginx/unit                            This repository is retired, use the Docker o…      66
nginx/nginx-ingress-operator          NGINX Ingress Operator for NGINX and NGINX P…      2
nginx/docker-extension                                                                   0
nginx/nginx-quic-qns                  NGINX QUIC interop                                 1
nginx/nginxaas-loadbalancer-kubernetes                                                   1
nginx/unit-preview                    Unit preview features                             0
bitnami/nginx                         Bitnami container image for NGINX                  200
ubuntu/nginx                          Nginx, a high-performance reverse proxy & we…      133
bitnamicharts/nginx                   Bitnami Helm chart for NGINX Open Source           1
kasmweb/nginx                         An Nginx image based off nginx:alpine and in…      8
rancher/nginx                                                                            2
linuxserver/nginx                     An Nginx container, brought to you by LinuxS…      231
dtagdevsec/nginx                      T-Pot Nginx                                        0
vmware/nginx                                                                             3
paketobuildpacks/nginx                                                                   0
chainguard/nginx                      Build, ship and run secure software with Cha…      4
gluufederation/nginx                   A customized NGINX image containing a consu…      1
antrea/nginx                          Nginx server used for Antrea e2e testing          0
intel/nginx                                                                              0
circleci/nginx                        This image is for internal use                    2
docksal/nginx                         Nginx service image for Docksal                    1
corpusops/nginx                       https://github.com/corpusops/docker-images/       1
```
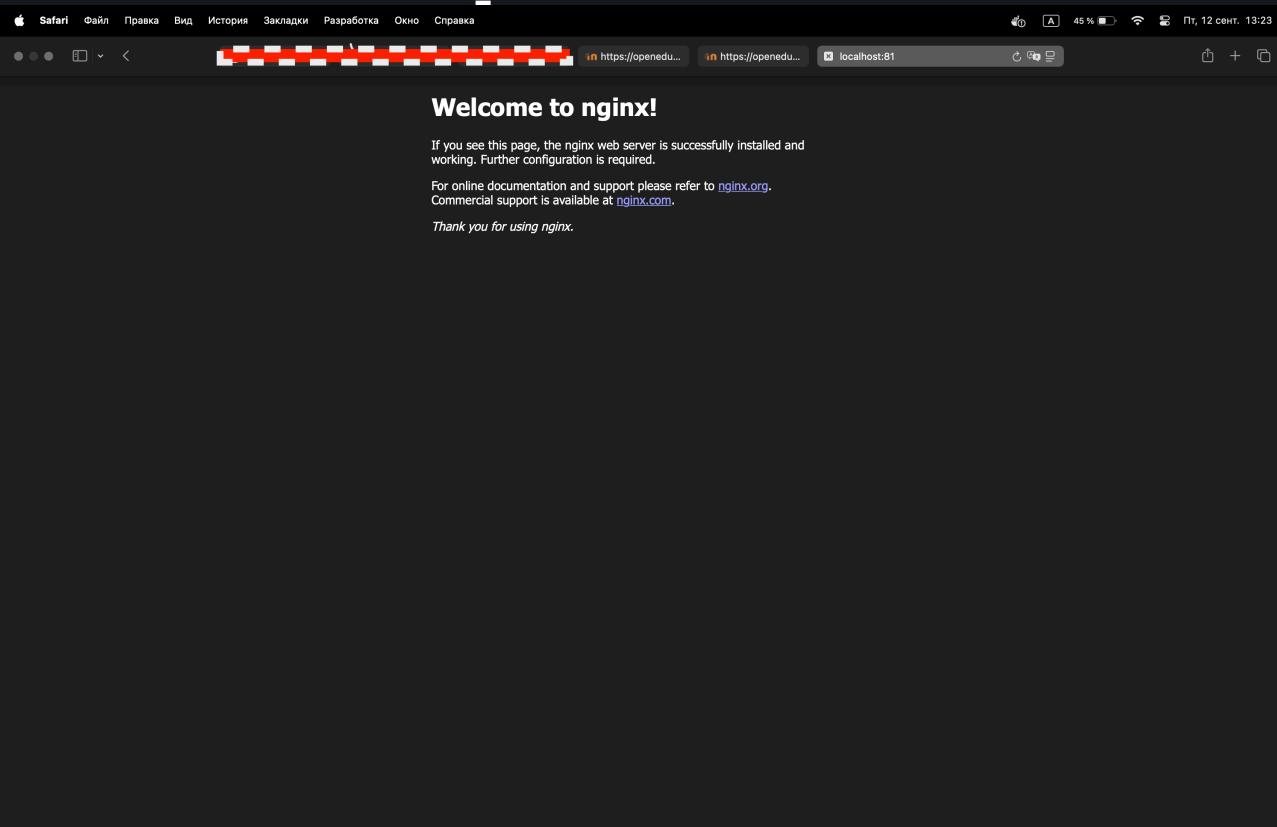
```
ptashko@MacBook-Air--Artem ~ % docker pull nginx:latest
latest: Pulling from library/nginx
0878ecc8b0af: Pulling fs layer
68e4d7b9f947: Already exists
605513a168b0: Already exists
fdf316665463: Already exists
8f42b11f40a7: Already exists
75e874aacbee: Already exists
d482c1064d09: Pulling fs layer
^[[A^[[B^C%
ptashko@MacBook-Air--Artem ~ % docker pull nginx:latest
latest: Pulling from library/nginx
Digest: sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
ptashko@MacBook-Air--Artem ~ % █

ptashko@MacBook-Air--Artem ~ % docker images
REPOSITORY               TAG             IMAGE ID        CREATED         SIZE
nginx                    latest          d5f28ef21aab    4 weeks ago     281MB
myapp                    latest          56cad4ca9ce0    3 months ago    316MB
myapp                    test            ec08060aacaf    3 months ago    356MB
<none>                   <none>          a794acbc593e    3 months ago    316MB
<none>                   <none>          e48bbef88d7e    3 months ago    356MB
<none>                   <none>          21f9bff64726    3 months ago    316MB
<none>                   <none>          c4199d1592ee    3 months ago    356MB
<none>                   <none>          ab4fef33519e    3 months ago    316MB
<none>                   <none>          c426d459eb50    3 months ago    356MB
<none>                   <none>          c62776592703    3 months ago    316MB
<none>                   <none>          b822a0d08375    3 months ago    356MB
<none>                   <none>          2e4b763e3cd7    3 months ago    316MB
<none>                   <none>          e20924a399a1    3 months ago    356MB
<none>                   <none>          1e769cefce8d    3 months ago    316MB
<none>                   <none>          add70316cee5    3 months ago    316MB
postgres                 14              bbcaba1d7486    3 months ago    623MB
moby/buildkit            buildx-stable-1 87afb62ed6a7    4 months ago    304MB
docker/welcome-to-docker latest          eedaff45e3c7    22 months ago   29.7MB
```

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

```
ptashko@MacBook-Air ~ % docker run -d --name ptashko_nginx -p 81:80 nginx:latest
51e879ff8a94a3961c637b136803872168b6589a6502878d785d93f5ee5c31bba
ptashko@MacBook-Air ~ % docker ps -a
CONTAINER ID   IMAGE                          COMMAND                  CREATED          STATUS                   PORTS                  NAMES
51e879ff8a94   nginx:latest                   "/docker-entrypoint..."   About a minute ago   Up About a minute    0.0.0.0:81->80/tcp   ptashko_nginx
eb9bdf12c6a4   postgres:14                    "docker-entrypoint.s..."   3 months ago     Exited (0) 3 months ago                         postgres
caf88e4d64ff   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_boring_keldysh0
f5d01dccbdc8   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_brave_leavitt0
144eff4d286e   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_exciting_jennings0
f111d73b485d   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_zealous_darwin0
4b98bbbef22e   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_epic_bardeen0
0557b730c82b   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_gallant_almeida0
c21d302d33e9   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_eager_cori0
5d5d5a99cbeb   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_suspicious_jennings0
85839dc6291a   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_xenodochial_jemison0
50d4063df82e   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_boring_neumann0
44e390a0ee8a   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_hopeful_lumiere0
82487af4b13c   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_gallant_bhabha0
25d7cdfafc21   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_gifted_darwin0
2480acef1aca   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_jolly_allen0
3750980ef808   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_blissful_shirley0
708a95d98e33   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago     Exited (1) 23 minutes ago                       buildx_buildkit_relaxed_engelbart0
ptashko@MacBook-Air ~ %
ptashko@MacBook-Air ~ % docker logs ptashko_nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/09/12 10:22:39 [notice] 1#1: using the "epoll" event method
2025/09/12 10:22:39 [notice] 1#1: nginx/1.29.1
2025/09/12 10:22:39 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14+deb12u1)
2025/09/12 10:22:39 [notice] 1#1: OS: Linux 6.10.14-linuxkit
2025/09/12 10:22:39 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2025/09/12 10:22:39 [notice] 1#1: start worker processes
2025/09/12 10:22:39 [notice] 1#1: start worker process 29
2025/09/12 10:22:39 [notice] 1#1: start worker process 30
2025/09/12 10:22:39 [notice] 1#1: start worker process 31
2025/09/12 10:22:39 [notice] 1#1: start worker process 32
2025/09/12 10:22:39 [notice] 1#1: start worker process 33
2025/09/12 10:22:39 [notice] 1#1: start worker process 34
2025/09/12 10:22:39 [notice] 1#1: start worker process 35
2025/09/12 10:22:39 [notice] 1#1: start worker process 36
192.168.65.1 - - [12/Sep/2025:10:23:47 +0000] "GET / HTTP/1.1" 200 615 "-" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/18.0.1 Safari/605.1.15" "-"
192.168.65.1 - - [12/Sep/2025:10:23:47 +0000] "GET /apple-touch-icon-precomposed.png HTTP/1.1" 404 153 "-" "Safari/19619.1.26.111.11 CFNetwork/1498.700.2 Darwin/23.6.0" "-"
2025/09/12 10:23:47 [error] 32#32: *2 open() "/usr/share/nginx/html/apple-touch-icon-precomposed.png" failed (2: No such file or directory), client: 192.168.65.1, server: localhost, request: "GET /apple-touch-icon-precomposed.png HTTP/1.1", host: "localhost:81"
192.168.65.1 - - [12/Sep/2025:10:23:47 +0000] "GET /apple-touch-icon.png HTTP/1.1" 404 153 "-" "Safari/19619.1.26.111.11 CFNetwork/1498.700.2 Darwin/23.6.0" "-"
2025/09/12 10:23:47 [error] 32#32: *2 open() "/usr/share/nginx/html/apple-touch-icon.png" failed (2: No such file or directory), client: 192.168.65.1, server: localhost, request: "GET /apple-touch-icon.png HTTP/1.1", host: "localhost:81"
2025/09/12 10:23:47 [error] 29#29: *1 open() "/usr/share/nginx/html/favicon.ico" failed (2: No such file or directory), client: 192.168.65.1, server: localhost, request: "GET /favicon.ico HTTP/1.1", host: "localhost:81", referrer: "http://localhost:81/"
192.168.65.1 - - [12/Sep/2025:10:23:47 +0000] "GET /favicon.ico HTTP/1.1" 404 153 "http://localhost:81/" "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/18.0.1 Safari/605.1.15" "-"
ptashko@MacBook-Air ~ %
ptashko@MacBook-Air ~ % docker stop ptashko_nginx
ptashko_nginx
ptashko@MacBook-Air ~ % docker rm ptashko_nginx
ptashko_nginx
ptashko@MacBook-Air ~ % docker ps -a
CONTAINER ID   IMAGE                          COMMAND                  CREATED       STATUS                    PORTS   NAMES
eb9bdf12c6a4   postgres:14                    "docker-entrypoint.s..."   3 months ago  Exited (0) 3 months ago           postgres
caf88e4d64ff   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_boring_keldysh0
f5d01dccbdc8   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_brave_leavitt0
144eff4d286e   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_exciting_jennings0
f111d73b485d   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_zealous_darwin0
4b98bbbef22e   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_epic_bardeen0
0557b730c82b   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_gallant_almeida0
c21d302d33e9   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_eager_cori0
5d5d5a99cbeb   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_suspicious_jennings0
85839dc6291a   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_xenodochial_jemison0
50d4063df82e   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_boring_neumann0
44e390a0ee8a   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_hopeful_lumiere0
82487af4b13c   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_gallant_bhabha0
25d7cdfafc21   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_gifted_darwin0
2480acef1aca   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_jolly_allen0
3750980ef808   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_blissful_shirley0
708a95d98e33   moby/buildkit:buildx-stable-1  "buildkitd --allow-i..."   3 months ago  Exited (1) 25 minutes ago         buildx_buildkit_relaxed_engelbart0
ptashko@MacBook-Air ~ %
```

```
ptashko@MacBook-Air--Artem ~ % docker rmi nginx:latest
Untagged: nginx:latest
Deleted: sha256:d5f28ef21aabddd098f3dbc21fe5b7a7d7a184720bc07da0b6c9b9820e97f25e
ptashko@MacBook-Air--Artem ~ % docker images
REPOSITORY                TAG             IMAGE ID        CREATED         SIZE
myapp                     latest          56cad4ca9ce0    3 months ago    316MB
myapp                     test            ec08060aacaf    3 months ago    356MB
<none>                    <none>          a794acbc593e    3 months ago    316MB
<none>                    <none>          e48bbef88d7e    3 months ago    356MB
<none>                    <none>          21f9bff64726    3 months ago    316MB
<none>                    <none>          c4199d1592ee    3 months ago    356MB
<none>                    <none>          ab4fef33519e    3 months ago    316MB
<none>                    <none>          c426d459eb50    3 months ago    356MB
<none>                    <none>          c62776592703    3 months ago    316MB
<none>                    <none>          b822a0d08375    3 months ago    356MB
<none>                    <none>          2e4b763e3cd7    3 months ago    316MB
<none>                    <none>          e20924a399a1    3 months ago    356MB
<none>                    <none>          1e769cefce8d    3 months ago    316MB
<none>                    <none>          add70316cee5    3 months ago    316MB
postgres                  14              bbcaba1d7486    3 months ago    623MB
moby/buildkit             buildx-stable-1 87afb62ed6a7    4 months ago    304MB
docker/welcome-to-docker  latest          eedaff45e3c7    22 months ago   29.7MB
ptashko@MacBook-Air--Artem ~ %
```

Safari не может подключиться к серверу

Safari не может открыть страницу localhost:81, так как не удается подключиться к серверу localhost.