

DOCKER CLI INSTALLATION

The screenshot shows the Docker Desktop installation page for Ubuntu. The browser address bar displays `docs.docker.com/desktop/install/ubuntu/`. The page features a blue header with the Docker logo and navigation links: Home, Guides, Manuals, Reference, Samples, and Contribute. A sidebar on the left lists various installation guides, with 'Install on Ubuntu' selected. The main content area is titled 'Install on Ubuntu' and includes a 'DEB package' button. Below this, a 'Prerequisites' section lists requirements for successful installation, such as meeting system requirements and having a 64-bit version of Ubuntu. A terminal snippet shows the command `$ sudo apt install gnome-terminal`. On the right, 'Page details' and 'Tags' are visible, along with a 'Give feedback' button. The Windows taskbar at the bottom shows the time as 07:48 PM on 08-11-2022.

Install on Ubuntu

This page contains information on how to install, launch and upgrade Docker Desktop on an Ubuntu distribution.

[DEB package](#)

For checksums, see [Release notes](#)

Prerequisites

To install Docker Desktop successfully, you must:


- Meet the [system requirements](#)
- Have a 64-bit version of either Ubuntu Jammy Jellyfish 22.04 (LTS) or Ubuntu Impish Indri 21.10. Docker Desktop is supported on `x86_64` (or `amd64`) architecture.
- For non-Gnome Desktop environments, `gnome-terminal` must be installed:

```
$ sudo apt install gnome-terminal
```

The screenshot shows the Docker documentation homepage. The browser address bar displays `docs.docker.com`. The page features a blue header with the Docker logo and navigation links: Home, Guides, Manuals, Reference, Samples, and Contribute. A purple banner at the top promotes 'Wasm' as a fast, light alternative to Linux containers. The main content area is titled 'What can we help you find?' and includes a search bar. Below the search bar, there are six cards with icons and text: 'Get started' (rocket icon), 'Download and install' (ship icon), 'Guides' (location pin icon), 'Get started' (document icon), 'Download and install' (package icon), and 'Guides' (code icon). A 'Give feedback' button is visible on the right. The Windows taskbar at the bottom shows the time as 07:50 PM on 08-11-2022.


What can we help you find?

Search for guides, terms, commands and more...




Get started

Learn Docker basics and the benefits of containerizing your applications.




Download and install

Download and install Docker on your machine in a few easy steps.




Guides

Learn how to set up your Docker environment and start containerizing your applications.




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This screenshot shows the 'Contribute to Docker's docs' page on the Docker Docs website. The page is titled 'Contribute to Docker's docs' and includes a sub-header 'Contribution guidelines'. The main content area features three cards: 'Contribution guidelines', 'Grammar and style', and 'Formatting'. The left sidebar contains a navigation menu with links to 'Contribution guidelines', 'Style guide', 'Source file conventions', 'UI elements in content', 'Useful components', and 'Writing checklist'. The right sidebar includes 'Page details' (Edit this page, Request changes) and 'Contents'. The bottom of the page shows a Windows taskbar with various application icons and a system clock indicating 07:55 PM on 08-11-2022.

Contribute to Docker's docs

Contribution guidelines

Style guide

Source file conventions

UI elements in content

Useful components

Writing checklist


Contribute to Docker's docs

We deeply value documentation contributions from the Docker community. We'd like to make it as easy as possible for you to work in this repository. The following sections guide you through the process of contributing to Docker documentation.




Contribution guidelines

Learn about the process of contributing to our docs.



Grammar and style

Explore Docker's grammar and style guide.



Formatting

Format your content to match the rest of our documentation.

Recommended word Source file Docker terminology

Give feedback

This screenshot shows the 'Install on Windows' page on the Docker Docs website. The page is titled 'Install on Windows' and includes a sub-header 'Docker Desktop terms'. The main content area features a 'Download Docker Desktop for Windows' button. The left sidebar contains a navigation menu with links to 'Understand permission requirements for Mac', 'Install on Windows', 'Understand permission requirements for Windows', 'Install on Linux', 'Installation per Linux distro', 'Quick Start Guide and sign in', 'Explore Docker Desktop', 'Change settings', 'Troubleshoot and diagnose', 'Additional resources', 'Hardened Desktop', 'Dev Environments (Beta)', 'Extensions (Beta)', and 'Extensions SDK (Beta)'. The right sidebar includes 'Page details' (7 minutes read, Edit this page, Request changes), 'Tags' (windows, install, download, ru, docker, local, Docker Desktop), and 'Contents' (System requirements, WSL 2 backend, Hyper-V backend and Windows containers, About Windows containers, Install Docker Desktop on Windows, Install interactively, Install from the command line, Start Docker Desktop, Where to go next). The bottom of the page shows a Windows taskbar with various application icons and a system clock indicating 07:51 PM on 08-11-2022.

Understand permission requirements for Mac

Install on Windows

Understand permission requirements for Windows

Install on Linux

Installation per Linux distro

Quick Start Guide and sign in

Explore Docker Desktop

Change settings

Troubleshoot and diagnose

Additional resources

Hardened Desktop

Dev Environments (Beta)

Extensions (Beta)

Extensions SDK (Beta)

Install on Windows

Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than \$10 million USD in annual revenue) requires a paid subscription.

Welcome to Docker Desktop for Windows. This page contains information about Docker Desktop for Windows system requirements, download URL, instructions to install and update Docker Desktop for Windows.

Download Docker Desktop for Windows

[Docker Desktop for Windows](#)

For checksums, see [Release notes](#)

System requirements

Give feedback

DOCKER CLI INSTALLATION

The screenshot shows the Docker CLI Reference documentation page. The left sidebar contains a navigation menu with links to Command-line reference, API reference, Dockerfile reference, Compose file reference, Drivers and specifications, and Glossary. The main content area is titled "Reference documentation" and includes a sub-section "File formats" with a table listing "Dockerfile" and "Compose file". Below this is a section titled "Command-line interfaces (CLIs)" with a table listing "Docker CLI".

Reference documentation

This section includes the reference documentation for the Docker platform's various APIs, CLIs, and file formats.

File formats

File format	Description
Dockerfile	Defines the contents and startup behavior of a single container
Compose file	Defines a multi-container application

Command-line interfaces (CLIs)

CLI	Description
Docker CLI	The main CLI for Docker, includes all <code>docker</code> commands

The screenshot shows the Docker Desktop application interface. The left sidebar contains a navigation menu with links to Containers, Images, Volumes, Dev Environments, Extensions, and Add Extensions. The main content area is titled "Containers" and displays a terminal window with the following output:

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>docker run -d -p 80:80 docker/getting-started
Unable to find image 'docker/getting-started:latest' locally
latest: Pulling from docker/getting-started
4f9b9388f04a: Already exists
5867cha5fcbcd: Pull complete
4b639e65cb3b: Pull complete
061ed9e2b976: Pull complete
bc19f3e8eeb1: Pull complete
4071be97c256: Pull complete
79b586f1a54b: Pull complete
0c9732f52d6: Pull complete
Digest: sha256:b558be874169471bd4e65bd6eac8c303b271a7ee8553ba47481b73b2bf597aee
Status: Downloaded newer image for docker/getting-started:latest
1488f6804d3d3b37130cd289426e3328914f39d5b6d0385f2674e7bc16de0
docker: Error response from daemon: driver failed programming external connectivity on endpoint affectionate_ritchie (5b
a285d0a6a3d92150f23d17ba76dfc8ff075eb69dc5db53c9729fc84eaa4a48): Bind for 0.0.0.0:80 failed: port is already allocated.

C:\Users\DELL>
```

The terminal window shows the error message: "docker: Error response from daemon: driver failed programming external connectivity on endpoint affectionate_ritchie (5b a285d0a6a3d92150f23d17ba76dfc8ff075eb69dc5db53c9729fc84eaa4a48): Bind for 0.0.0.0:80 failed: port is already allocated." The Docker Desktop interface also shows the status of the containers and the system resources (RAM 2.76GB, CPU 0.11%, Not connected to Hub).

PNT2022TMID50436