

Installing Docker

An extension of Smile Guide: Installing Smile CDR



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What to Expect

🕘 Reading time = 10 minutes

Background

Smile CDR installs natively on a Mac operating system. However, if you have a Windows computer you will need to install Docker, which will provide a container environment for you to run your instance of Smile CDR within. Note that if you're a Mac user, you may also install Docker and run Smile CDR from a container. However Mac users also have the option of installing and running Smile CDR natively.

Important update: Docker now requires licenses for their product. Before installing, please reach out to your organization for a Docker license.

Objective

The objective of this document is to install Docker on your Windows operating system, so that you can proceed with the installation of Smile CDR.

Prerequisites

There are no prerequisites for this document.



Instructions

1. Let's download Docker!

Open the following https://www.docker.com/



2. Scroll to the bottom of the web page and click on "container runtime."

| Products | Developers | Pricing | Blog | About Us |
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3. Scroll down to "Download Docker Engine" and click on the blue box.





4. You will be brought to a page with various Docker installation options. Make sure to **select the filters "desktop" and "Windows"** on the left hand side of the page, then **click on the "Docker Desktop for Windows" option.**

| ← → C | $type = edition \& offering = community \& platform = desktop \& operating_system of the system of the$ | em=windows | | | * | D Upda |
|--|--|---|-----------------|--------------|-----------------|--------|
| | Docker is updating and extending our product subsc | riptions. Please read our blog for more informa | ation. | | | |
| 📥 docker hub 🔍 | Search for great content (e.g., mysql) | Explore | Pricing Sign In | Sign Up | | |
| 👉 Docker 🔳 Contai | ers 🏚 Plugins | | | | | |
| Filters (2) Clear All Platforms Cloud Deaktop Server Operating Systems Linux Windows MacOS | 1 - 1 of 1 available editions. X Windows X Desktop Moder Desktop for Windows By Docker * Upstate1 19 days age The fastest and easiest way to get Edition Windows ad6:64 | t started with Docker on Windows | | Most Popular | v O Stars | |
| Architectures ARM ARM 64 IBM POWER IBM Z X86-64 | | | | | | |

5. Select "Get Docker Desktop." Docker will then begin downloading. Once finished, double click on the downloaded file to open it.

| Docker is updating and extending our product subscriptions. Please read : | Docker is updating and extending our product subscriptions. Please read our blog for more information. | |
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| Docker Desktop for Windows © Verified Publisher By Docker By Docker By Docker Te fastest and easiest way to get started with Docker on Windows Totow Windowe By Docker Bit 64 | Get Docker Desktop for Windows Requires Microsoft Windows 10 Professional or Enterprise 64-bit or Windows 10 Home 64-bit with WSL 2. We updated the Docker Subscription Service Agreement on August 31, 2021. Please read the announcement and FAQs to learn more. Subscription Service Agreement Data Processing Agreement Data Privacy Policy | |
| | × | |
| Docker Desktop Inexe | | |

- 6. This process may prompt you to make changes to your device. If this pop up appears, **select "Yes"**
- 7. The Docker installation guide will now appear. On the first screen, make sure to **leave the configuration settings selected, then press "ok."**





8. Docker will then begin unpacking files, which will look somewhat like the image below:

| Installing Docker Desktop 4.0.1 (68347) | - | × |
|---|---|---|
| Docker Desktop 4.0.1 | | |
| Unpacking files | | |
| Unpacking file: frontend/Jocker Desktop.exe Unpacking file: DockerCli.exe Unpacking file: DockerCli.exe Unpacking file: Docker.MPF.dll Unpacking file: Docker.fngines.dll Unpacking file: Docker.forgines.dll Unpacking file: Docker.Backend.dll Unpacking file: Docker Desktop.exe Unpacking file: Docker Desktop.installer.exe Unpacking file: Docker Desktop.installer.exe Unpacking file: Docker Desktop.installer.exe Unpacking file: Bocker Aglies.gll Unpacking file: Bocker Desktop.exe | | |
| | | |

9. Once finished, the following window will appear. Select "close and restart."

| Installing Docker Desktop 4.0.1 (68347) | - | × |
|--|---|---|
| Docker Desktop 4.0.1 | | |
| Installation succeeded | | |
| You must restart Windows to complete installation. | | |
| | | _ |



10. Your computer may take a few minutes to complete the installation before rebooting. Once your computer restarts, Docker will soon reopen with their service agreement. Be sure to **select the blue checkmark next to "I accept the terms."** Then **select "Accept."**



11. At this point, you *may* receive the following message. You can **select "continue"** to ignore the error message.



12. The following message *may* also pop-up. **Click on the hyperlink to install the WSL 2** Linux kernel.





13. You'll be taken to a page where you can download the Linux kernel update package. **Click on the "Manual Install Step for Older Versions." If this option is not available, make sure you click on the Install WSL & Update to WSL 2.**



14. Select the blue link to download. Once the download is complete, double click to open.

| ₩ Filter by title | Step 4 - Download the Linux kernel update package | Is this page helpful? |
|---|--|---|
| WSL Documentation | | 🖒 Yes 🖓 No |
| > Overview | 1. Download the latest package: | In this article |
| Quickstart Install WSL & update to WSL 2 | • WSL2 Linux kernel update package for x64 machines @ | Simplified Installation for Windows Insiders |
| Best practices for setting up Install on Windows Server Create a user account & password Tutorials How-to Frequently Asked Questions | ⑦ Note If you're using an ARM64 machine, please download the ARM64 package ☞ instead. If you're not sure what kind of machine you have, open Command Prompt or PowerShell and enter: systeminfo find "System Type". Caveat: On non-English Windows versions, you might have to modify the search text, for example, in German it would be systeminfo find "Systemtyp". | Manual Installation Steps Step 1 - Enable the Windows Subsystem for Linux Step 2 - Check requirements for running WSL 2 Step 3 - Enable Virtual Machine feature |
| WSL 2 FAQ Troubleshooting | Run the update package downloaded in the previous step. (Double-click to run - you will be prompted for elevated permissions, select 'yes' to approve this installation.) | Step 4 - Download the Linux kernel update package |
| > Release Notes | Once the installation is complete, move on to the next step - setting WSL 2 as your default version when installing new Linux distributions. (Skip this step if you want your new Linux installs to be set to WSL 1). | Step 5 - Set WSL 2 as your default version Step 6 - Install your Linux distribution of choice |
| | $\textcircled{0}$ Note For more information, read the article changes to updating the WSL2 Linux kernel cr , available on the Windows Command Line Blog cr . | Install Windows Terminal (optional) Set your distribution version to WSL 1 or WSL 2 |
| C Download PDF | Step 5 - Set WSL 2 as your default version | Troubleshooting installation |
| update_x64.msi 33 MR, 9 secs left | | Show |

15. A windows subsystem setup wizard will appear. Select "next" and then "finish." This process may prompt you to make changes to your device, if this pop up appears, select "Yes."





16. Now that the installation is complete, **return to the message from step 12 and select** "restart."

| WSL 2 installation is incomplete. |
|---|
| The WSL 2 Linux kernel is now installed using a separate MSI update packag Please click the link and follow the instructions to install the kernel update: <u>https://aka.ms/wsl2kernel</u> . |
| Press Restart after installing the Linux kernel |

17. Your system may once again reboot. Once docker reopens, the home page will appear as shown below. You can take a short tutorial to familiarize yourself or skip the tutorial and proceed with installing Smile CDR.



18. Voila! You've successfully installed Docker.



Next Steps

You may now continue with the Smile CDR Installation Guide.

Smile CDR

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