



www.multixscale.eu

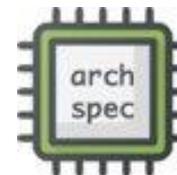
EESSI Happy Hour

Topic Series: EESSI Fundamentals Refresher

Mondays at 14:00 CEST



CernVM-FS



Current session: Yet another way to run EESSI: Docker Extensions
<https://www.eessi.io/docs/training/happy-hours-sessions>



Website: eessi.io

EESSI support portal:

gitlab.com/eessi/support

EESSI Happy Hour

Mondays at 14:00 CEST

Topic Series: EESSI Fundamentals Refresher

<https://www.eessi.io/docs/training/happy-hours-sessions>

Highlights:

- BLOG: Update on EESSI in EuroHPC Federation Platform
<https://www.eessi.io/docs/blog/2026/03/09/EESSI-in-EFP-update/>
- 11th EasyBuild User Meeting (EUM' 26) <https://easybuild.io/eum26>
Tue-Thu 21-23 April 2026 @ Guimarães, Portugal (home of Deucalion)
- EESSI Webinar Series 2026
Mon 27 Apr'26: Introduction to EESSI
- Webinar 4 of 5 EFP Authentication & Authorization Infrastructure (AAI) (*registration will be opened soon*)
Wed 29 April 2026 14:00-15:00 CET <https://my-eurohpc.eu/training/>
- ISC'26 conference
22-26 June 2026 @ Hamburg



Ways to access EESSI:

- CernVM-FS – **RECOMMENDED** ✓
- The `eessi_container.sh` script ✓
- Using `cvmfsexec` ✓
- Using `cernvm-fs-shrinkwrap-utility` ✓
- EESSI Command-Line Interface (CLI) ✓
- EESSI on macOS ✓
- Yet another way to run EESSI: Docker Extensions

<https://www.eessi.io/docs/training-events/2026/happy-hours-previous-sessions/>

Yet another way to run EESSI: Docker Extensions



CernVM-FS



Lmod



EESSI Happy Hour

Mondays at 14:00 CEST

Topic Series: EESSI Fundamentals Refresher

<https://www.eessi.io/docs/training/happy-hours-sessions>

Docker Desktop

- 3rd Party tool to run docker containers



CernVM-FS



Lmod



Docker Desktop

- 3rd Party tool to run docker containers

Motivation

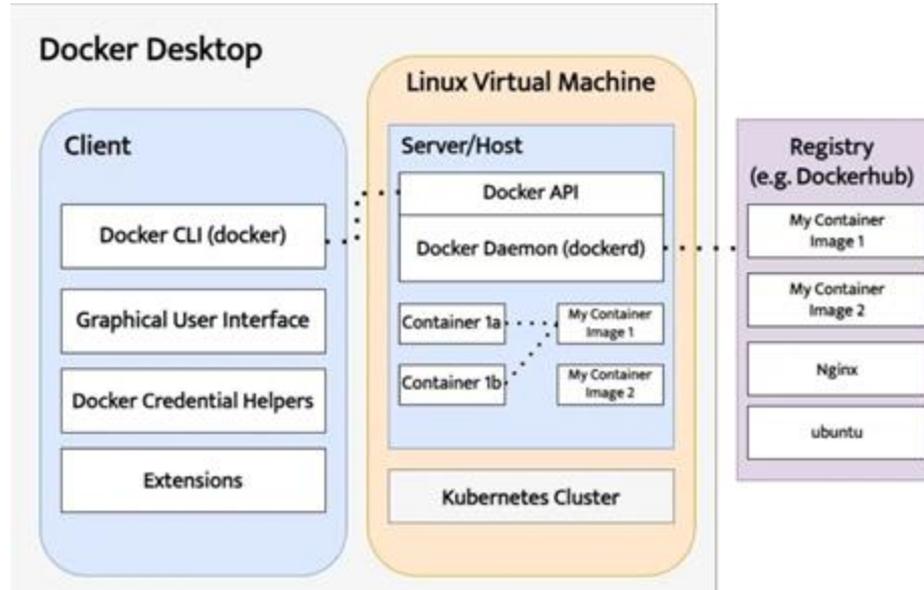
- Ease of install for non technical users due to native installers
 - Linux (DEB, RPM, AUR)
 - macOS (App installer)
 - Windows (EXE installer)
- Portable experience
 - Same UI
 - Same development workflow



CernVM-FS



Docker Desktop (a look behind the scene)



CernVM-FS



EASYBUILD



Lmod



Docker Extensions

- Add-ons for Docker Desktop
- Extension available in the marketplace behave as Apps on an App-store (search and single-click for install)
- Allows for:
 - extending functionalities of Docker Desktop
 - extending UI of Docker Desktop
 - shipping applications inside Docker Desktop



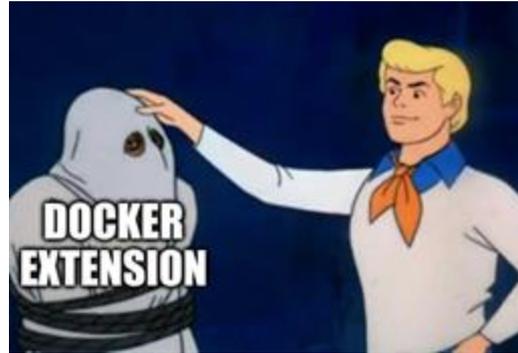
EESSI Happy Hour

Mondays at 14:00 CEST

Topic Series: EESSI Fundamentals Refresher

<https://www.eessi.io/docs/training/happy-hours-sessions>

Docker Extensions



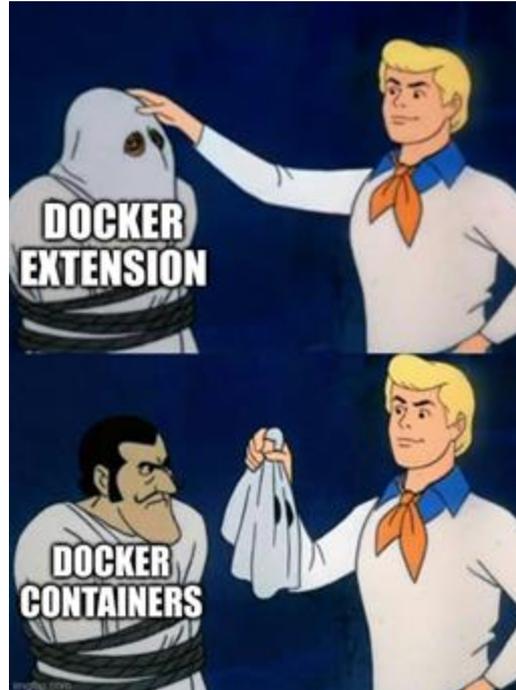
CernVM-FS



EASYBUILD



Docker Extensions



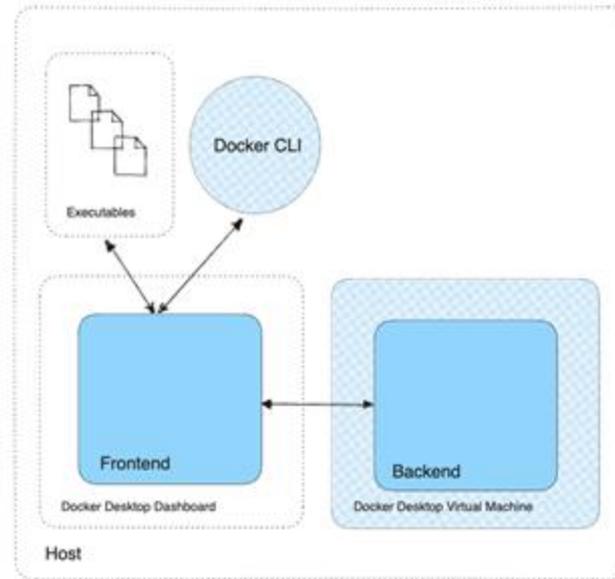
CernVM-FS



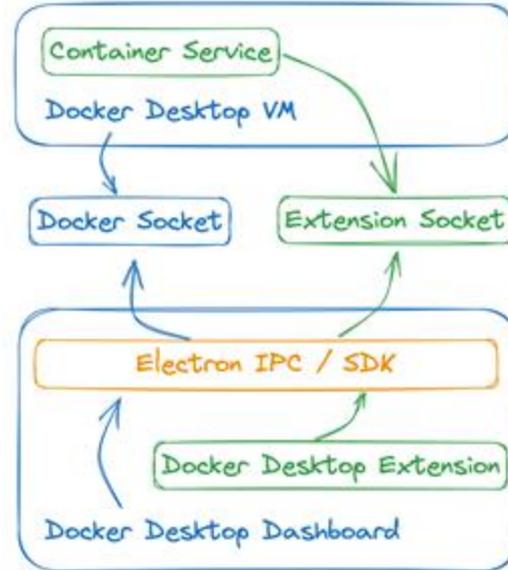
Lmod



Docker Extensions



Docker Extensions



<https://sensepost.com/blog/2023/an-offensive-look-at-docker-desktop-extensions/>

Yet another way to run EESSI: Docker Extensions





EESSI Happy Hour

Mondays at 14:00 CEST

Topic Series: EESSI Fundamentals Refresher

<https://www.eessi.io/docs/training/happy-hours-sessions>

Demo Showcase

Extension's source code:

- <https://github.com/AI-TranspWood/EESSI-jupyterlab-docker>
- <https://github.com/AI-TranspWood/jupyter-docker-extension>
- <https://github.com/AI-TranspWood/jupyter-notebooks>





www.multixscale.eu

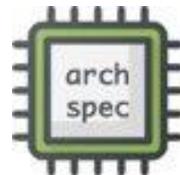
EESSI Happy Hour

Mondays at 14:00 CE(S)T

Topic Series: EESSI Fundamentals Refresher



CernVM-FS



Next topic series: From x86 to RISC-V: Expanding EESSI's Reach
<https://www.eessi.io/docs/training/happy-hours-sessions>



Website: eessi.io

EESSI support portal:

gitlab.com/eessi/support