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EESSI Happy Hour

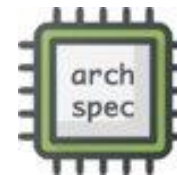
Topic Series: What's New in EESSI 2025.06 ?

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

Mondays at 14:00 CEST



CernVM-FS



Current session: Exploring EESSI 2025.06

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



Website: eessi.io

EESSI support portal:

gitlab.com/eessi/support

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Highlights:

- 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
Starting Mon 27 Apr'26: Introduction to EESSI
- Webinar 4 of 5 EFP Authentication & Authorization Infrastructure (AAI) (*registration is open*)
Wed 29 April 2026 14:00-15:00 CET <https://my-eurohpc.eu/training/>
- ISC'26 conference
22-26 June 2026 @ Hamburg



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	2023.06	2025.06
Compat layer	<ul style="list-style-type: none">• Modules based on Lua: Version 8.7.57• GNU C Library (Gentoo 2.37-r10 (patchset 12)) stable release version 2.37.	<ul style="list-style-type: none">• Modules based on Lua: Version 8.7.60• GNU C Library (Gentoo 2.41-r2 (patchset 3)) stable release version 2.41.
Software layer	<ul style="list-style-type: none">• GCC: 12.2.0, 12.3.0 and 13.2.0• OpenMPI: 4.1.4, 4.1.5 and 4.1.6• Foss: 2022b, 2023a and 2023b	<ul style="list-style-type: none">• GCC: 13.3.0, 14.2.0 and 14.3.0• LLVM: llvm-compilers/20.1.8• OpenMPI: 5.0.3, 5.0.7 and 5.0.8• foss: 2024a, 2025a and 2025b• lfoss: 2025b

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- Contributing:
 - <https://github.com/EESSI/software-layer/>
 - Easystack: `easystacks/software.eessi.io/{EESSI-version}/eessi- {EESSI-version}-eb-{EasyBuild-version}-{toolchain}.yml`

 ocaisa commented 5 days ago Member ...

```
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/amd/zen3
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/amd/zen4
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/intel/skylake_avx512
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/intel/haswell
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/intel/icelake
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/intel/cascadelake
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/intel/sapphirerapids
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=x86_64/generic
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=aarch64/generic
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-mc-aws forarch=aarch64/neoverse_n1
bot: build repo:eessi.io-2025.06-software instance:eessi-bot-aws-eu-south forarch=x86_64/amd/zen5
```

 eessi-bot-aws bot commented 5 days ago • edited ...

New job on instance `eessi-bot-mc-aws` for repository `eessi.io-2025.06-software`
Building on: `amd-zen3`
Building for: `x86_64/amd/zen3`
Job dir: `/project/def-users/SHARED/jobs/2026.03/pr_1335/140669`

date	job status	comment
Mar 18 20:36:39 UTC 2026	submitted	job id <code>140669</code> awaits release by job manager
Mar 18 20:36:45 UTC 2026	released	job awaits launch by Slurm scheduler
Mar 18 20:42:18 UTC 2026	running	job <code>140669</code> is running
Mar 18 22:58:07 UTC 2026	finished	▶ 🎉 SUCCESS (click triangle for details)
Mar 18 22:58:07 UTC 2026	test result	▶ 🎉 SUCCESS (click triangle for details)

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- Documentation:

- 2025.06 can be searched through in the new available software page
- https://www.eessi.io/docs/available_software/

2025.06

Abseil

[\(more details\)](#)

<https://abseil.io>

Abseil is an open-source collection of C++ library code designed to augment the C++ standard library. The Abseil library code is collected from Google's own C++ code base, has been extensively tested and used in production, and is the same code we depend on in our daily coding lives.

Available in EESSI versions: **2023.06** **2025.06**

Supported CPU families: **AMD** **Intel** **Arm**

Supported GPU families: (none)

absl-py

[\(more details\)](#)

<https://github.com/abseil/abseil-py>

absl-py is a collection of Python library code for building Python applications. The code is collected from Google's own Python code base, and has been extensively tested and used in production.

Available in EESSI versions: **2025.06**

Supported CPU families: **AMD** **Intel** **Arm**

Supported GPU families: (none)

alsa-lib

[\(more details\)](#)

<https://www.alsa-project.org>

The Advanced Linux Sound Architecture (ALSA) provides audio and MIDI functionality to the Linux operating system.

Available in EESSI versions: **2025.06**

Supported CPU families: **AMD** **Intel** **Arm**

Supported GPU families: (none)

ant

[\(more details\)](#)

<https://ant.apache.org>

Apache Ant is a Java library and command-line tool whose mission is to drive processes described in build files as targets and extension points dependent upon each other. The main known usage of Ant is the build of Java applications.

Available in EESSI versions: **2023.06** **2025.06**

Supported CPU families: **AMD** **Intel** **Arm**

Supported GPU families: (none)

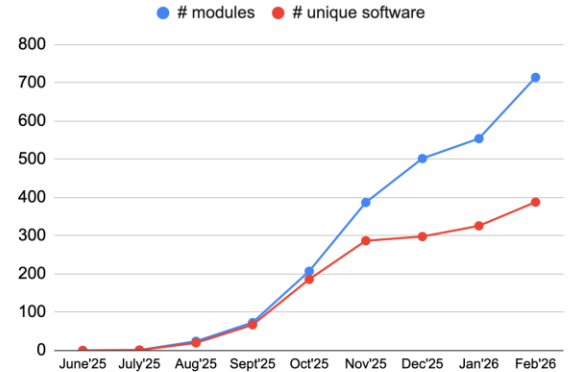
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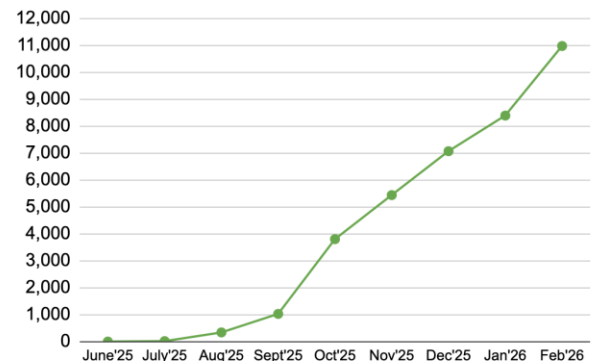
<https://www.eessi.io/docs/training/happy-hours-sessions>

- Started work on the new software stack June 2025
- At the moment we have close to 800 modules deployed in the latest release
- However a lot of the key scientific packages in 2023.06 are still missing

software installations in EESSI 2025.06 (per CPU target)



software installations in EESSI 2025.06 (total)



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We already see some performance improvements through the dashboard





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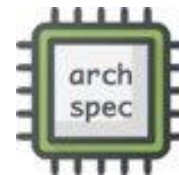
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Next topic series: Revisiting Ways to Add Software to EESSI

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