



www.multixscale.eu

EESSI Happy Hour

Mondays at 14:00 CE(S)T

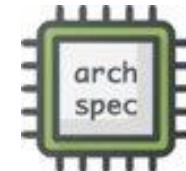
Topic Series: EESSI Roadmap 2026

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



Current session: EESSI Roadmap 2026

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



Website: eessi.io

EESSI support portal:

gitlab.com/eessi/support



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1. Core Infrastructure, Operations & Policy

- **Lifecycle & Governance Policies**
 - **Version Lifecycle:** Define clear policies for "Active" vs. "Archived" versions (e.g., how long to add software to EESSI/2023.06)
 - **Development Policy:** Establish lifetime policies for experimental installations on `dev.eessi.io`
 - **Cadence:** Formalise the yearly release cycle (targeting pre-summer releases)
- **Build System Modernisation**
 - **Diversify Build Sites:** Enhance reliability by spreading build operations
 - **Bot Modernisation:** Upgrade infrastructure; implement tarball analysis to simplify ingestion and track differences
 - **Maintainer Support:** Leverage the EESSI bot to assist EasyBuild maintainers
- **Quality Assurance & Compliance**
 - **Automated License Checks:** Towards automatic mandatory license checks for EESSI/2026.06
 - **Monitoring:** Establish regular use of regression tests & status dashboard
- **Compatibility Layer**
 - **Release EESSI/2026.06:** next version bundled with upcoming toolchains (update of Gentoo Prefix)



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2. Software Stack & Hardware Targets

- **Hardware Enablement**
 - **NVIDIA:** Support for Blackwell GPUs
 - **AMD:** Support for Zen5 and ROCm stack
 - **ARM:** Support for AWS Graviton 4
- **Software Portfolio**
 - **AI/ML Focus:** Extend GPU software (PyTorch, TensorFlow, AlphaFold)
 - **Volume Goal:** Reach 1,000 unique software packages
 - **Toolchains:** Integration of foss/2025b (EESSI/2025.06); foss/2026a and foss/2026b (EESSI/2026.06)

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3. User Experience & Integration

- **Direct User Interaction**
 - **CLI:** Prototype an EESSI Command Line Interface (CLI) to provide an interface beyond modules
 - **Discovery:** Create a dynamic software overview ([mockup](#))
- **Feedback & Transparency**
 - **Software Wishlist:** Implement mechanism (e.g., anonymous forms) for users to request software and trigger documentation PRs
 - **Work-in-Progress (WIP) View:** Create dashboard/overview of WIP PRs so users can see upcoming software
- **Workflow Integration**
 - **Tools:** Prototype Nextflow & Spack integration
 - **CI/CD:** Promote EESSI usage in CI/CD pipelines
 - **Scientific Compliance:** Enhance FAIRness of software installations

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4. Community, Outreach & Sustainability

- **Governance & Future:**
 - **Sustainability:** Advance steps towards joining Linux Foundation (LF) & HPSF
- **Community Engagement:**
 - **Events:** Continue "Happy Hours", hackathons (focus on documentation/cleanup), and training
 - **Feedback:** Conduct an annual User Survey (aligned with annual EasyBuild survey)
 - **Adoption:** Track and map systems/sites that have adopted EESSI
- **Dissemination & Marketing:**
 - **Content:** Maintain a standard slide deck, elevator pitch, monthly blog/social updates
 - **Conferences:** FOSDEM, EuroHPC Summit, ISC, EUM, and EuroHPC User Days, etc



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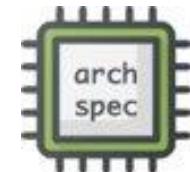
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Next topic series: TBA shortly

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