

MultiXscale EuroHPC funded project launched to increase the productivity of software and workflows for scientists working in the field of multiscale simulation



The National Institute of Chemistry in Ljubljana, Slovenia, hosted from 23rd to 24th March the kick-off meeting of MultiXscale project, one of the new 10 Centres of Excellence funded by the European High Performance Computing Joint Undertaking (EuroHPC JU) to support research and innovation actions that will develop and adapt HPC applications for the exascale and post-exascale era. Funded for a period of four years, MultiXscale gathers 13 partners joining from the academic and industrial sectors across Europe.

Read the press release [here](#)



NEW VIDEO!

Making scientific software EESSI - and fast



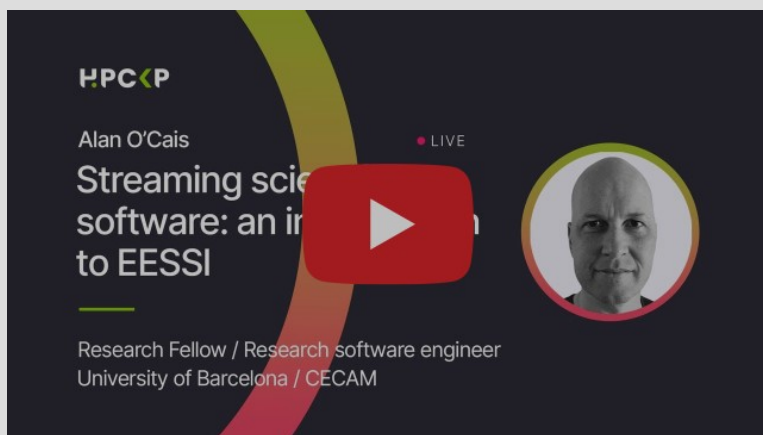
Scientific software is almost defined by its complexity. But just because it was hard to write doesn't mean it should be hard to build and even harder to run well. EESSI is a project that aims to change that by making architecture-specific binaries available to be streamed to your machine or your cluster, just by reaching out and asking it for them.

Kenneth and Alan - two leaders from the EasyBuild and EESSI projects - came to show us what this idea is, and how it works. Genius.

You can get more information about the project at <https://eessi.github.io/docs/> or by joining their slack at <https://www.eessi-hpc.org/join> and getting involved.

NEW VIDEO!

Streaming scientific software: an introduction to EESSI



Have you ever wished that all the scientific software you use was available on all the resources you had access to without having to go through the pain of getting them installed the way you want/need? The European Environment for Scientific Software Installations (EESSI - pronounced "easy") is a common stack of scientific software installations for HPC systems and beyond, including laptops, personal workstations and cloud infrastructure. In many ways it works like a streaming service for scientific software, instantly giving you the software you need, when you need it, and compiled to work efficiently for the architecture you have access to.

During this tutorial, we explain what EESSI is, how it is being designed, how to get access to it, and how to use it. We also give a number of demonstrations that you can try out for yourself.





ISC

High Performance

MAY 21 – MAY 25, 2023 | HAMBURG, GERMANY



Elisabeth Ortega presented EESSI and MultiXscale at EuroHPC Joint Undertaking booth B20 at ISC Hamburg, on May 23rd, 2023



Contact Us:

You can always email us at info@multixscale.eu / Visit our website www.multixscale.eu

MultiXscale | Center of Excellence

Funded by the European Union, the European High Performance Computing Joint Undertaking (JU) and countries participating in the project under grant agreement No 101093169.

