



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

OSSR Updates E-SB 2026/09/17

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on behalf of the OSSR Group

OSSR in the Open Collaboration Area

- Transition from project organisation into open collaboration:
activity continues, but on a very low basis – mostly via funded projects (EVERSE, OSCARS, OSCARS2?)
- Three main areas of work:
 - Policy, Strategy and Collaboration (KG, FAU-ECAP)
 - Onboarding (JS, FAU-ECAP)
 - Technical Developments (TV, LAPP)
- ~ monthly meetings – primarily as information exchange forum
 - Follow at [Indico Category](#)

Latest Developments: Collaboration

- Punch4NFDI Lol – OSSR as one area of collaboration:

- 2nd phase of PUNCH was funded
→ ESCAPE as major European partner

ESCAPE Open Collaboration and PUNCH4NFDI Consortium sign landmark Letter of Intent



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PUNCH
4 N F D I

🕒 27 September 2024

ESCAPE Open Collaboration and PUNCH4NFDI Consortium sign landmark Letter of Intent

The ESCAPE Open Collaboration and the PUNCH4NFDI Consortium announce the formal signing of a Letter of Intent.

READ MORE

- EVERSE success: [EOSC Expert Group OA7 on Research Software](#) continues

● EVERSE - <https://everse.software>

● Support for all ESCAPE Partners for software quality

● Full software quality chain developed and tested on OSSR

● RSQKit: Entry point with information for all stakeholders in software: <https://everse.software/services/rsqkit/>

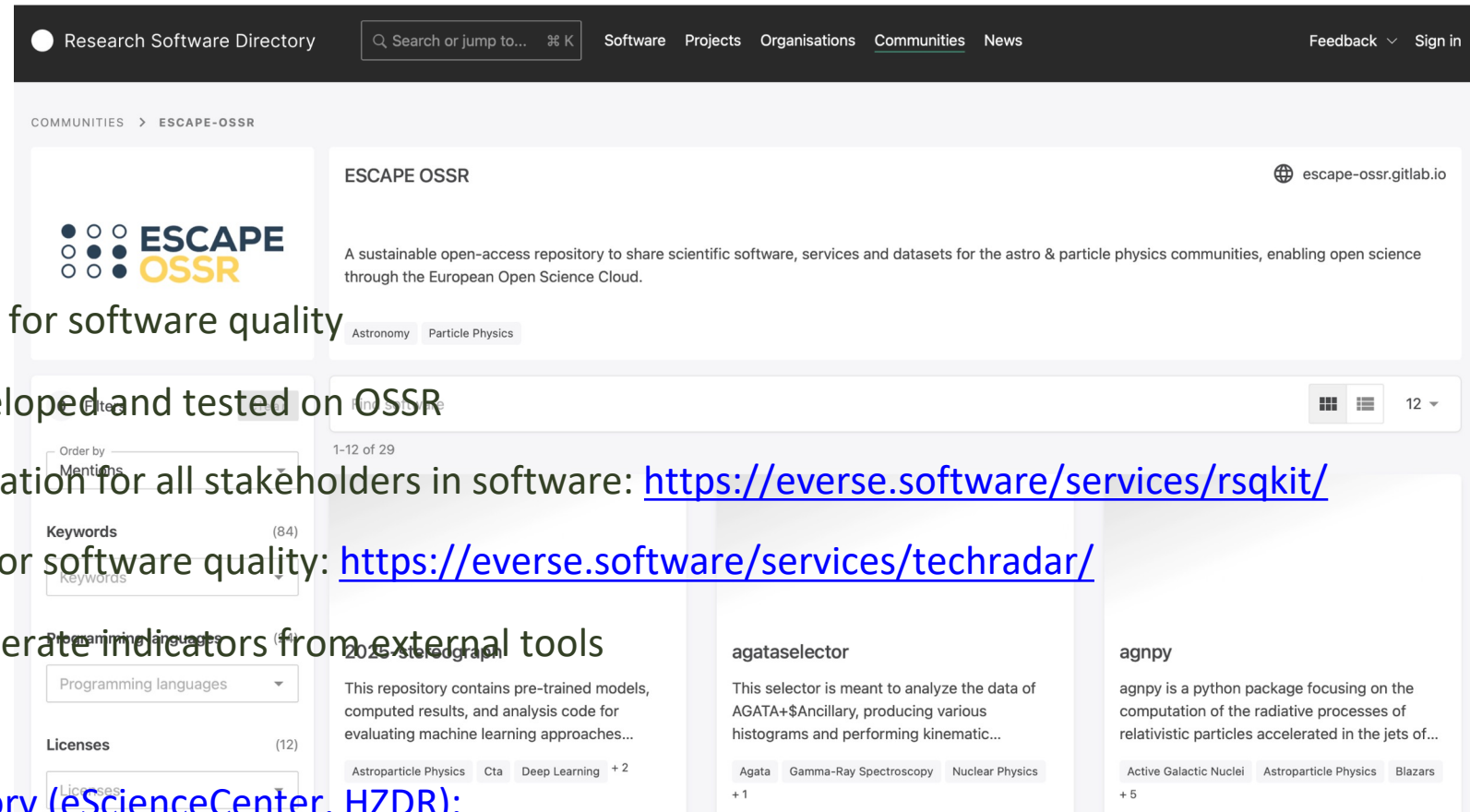
● TechRadar: Overview on tools for software quality: <https://everse.software/services/techradar/>

● Resqui: Quality Pipelines to generate indicators from external tools

● Training

● [RSD Research Software Directory \(eScienceCenter, HZDR\):](https://research-software-directory.org/communities/escape-ossr/software)

● OSSR as community → frontend for software users [https://research-software-](https://research-software-directory.org/communities/escape-ossr/software)
[directory.org/communities/escape-ossr/software](https://research-software-directory.org/communities/escape-ossr/software)



Research Software Directory

Q Search or jump to... % K

Software Projects Organisations Communities News

Feedback Sign in

COMMUNITIES > ESCAPE-OSSR

ESCAPE OSSR escape-ossr.gitlab.io

A sustainable open-access repository to share scientific software, services and datasets for the astro & particle physics communities, enabling open science through the European Open Science Cloud.

Astronomy Particle Physics

Order by Mentions

Keywords (84)

Programming languages (14)

Licenses (12)

1-12 of 29

agataselector

This selector is meant to analyze the data of AGATA+Ancillary, producing various histograms and performing kinematic...

Agata Gamma-Ray Spectroscopy Nuclear Physics

agnpy

agnpy is a python package focusing on the computation of the radiative processes of relativistic particles accelerated in the jets of...

Active Galactic Nuclei Astroparticle Physics Blazars

- How to get partner better involved? → ESCAPE events?
- Become part of virtual institute on Software Quality
 - EVERSE setting up an MoU
- OSCARS2
 - Represented by CNRS/LAPP on training, services and competence centres
 - Not much funding for development and operation (rather coordination and support)
- AI will become more and more central in the software lifecycle
 - > software quality can be put into the creation process easier
 - but training and guidelines will keep being important

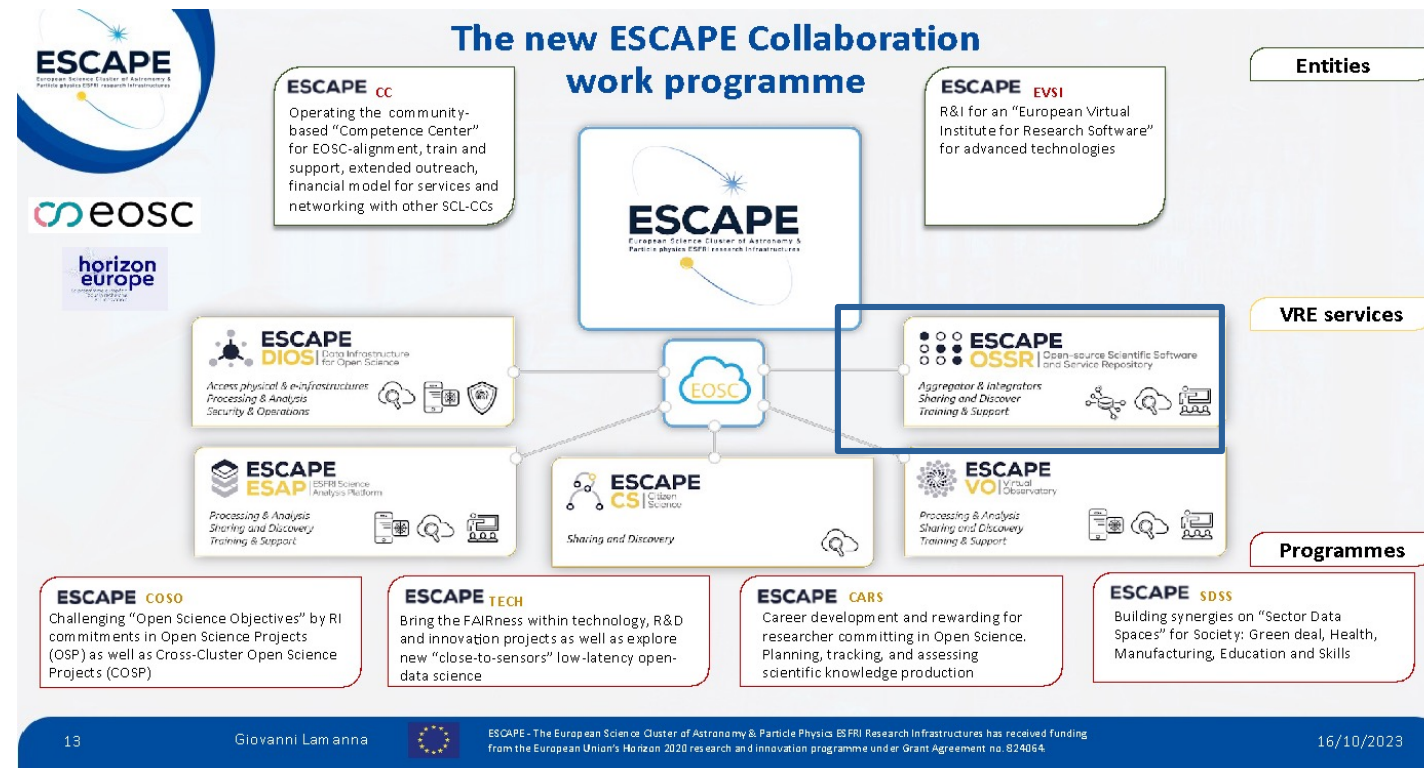


Outreach Material

Please help us to disseminate the OSSR – currently not many new software additions from the communities

What is the OSSR?

- The Open Software and Service Repository is one building stone emerging from the ESCAPE project in EOSC (European Open Science Cloud)
- Supported through the ESCAPE collaboration
- Catalogue of software repositories or collections based on entries in a Zenodo community
- OSSR group to curate and develop repository & foster community
- Review performed on all entries



Why should you share your software?

Visibility

- See your work alongside other projects from the same community
- Be citeable through Zenodo and findable through multiple integrated software platforms

Recognition

- Go through our quality review and receive the OSSR badge
- Increase citations through better findability

Community

- Be invited to the community exchange during the OSSR collaboration meetings
- Present your project and benefit from the experience of colleagues from the field

Future integration

- Benefit from future developments to enable science platform integration
- Keep in touch with the latest developments in ESCAPE

What to share - examples

Community relevant software



[DOI: 10.5281/zenodo.8033275](https://doi.org/10.5281/zenodo.8033275)

Analysis repositories
SKA Science Data Challenge



[DOI: 10.5281/zenodo.5526844](https://doi.org/10.5281/zenodo.5526844)

Service and software collections
An astronomical HiPS visualizer in the browser



[DOI: 10.5281/zenodo.8243056](https://doi.org/10.5281/zenodo.8243056)



new types

*If it makes
sense – add it!*

How to onboard

Add metadata

- Create a codemeta.json with required info
- Make sure to add good documentation

Publish on Zenodo

- Push your work to Zenodo and request access to the ESCAPE community

Get your review done

- Get all the quality checkmarks and get added
- Add your OSSR badge to your project

Get involved

- Join the OSSR community meetings
- Share your software, create new opportunities!

Relevant Links

Onboarding instructions: <https://escape-ossr.gitlab.io/ossr-pages/page/contribute/onboarding/>

Zenodo Community:
<https://zenodo.org/communities/escape2020>