First OSSR Open Collaboration Meeting

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ESCAPE
European Science Cluster of Astronomy &
Particle physics ESFRI research infrastructures

ESCAPE OSSR | Open-source Scientific Software and Service Repository

Search software and services in the ESCAPE repository

Welcome to the ESCAPE OSSR!

Browse the OSSR content (https://zenodo.org/communities/escape2020/search?page=1&size=20&q=&type=software).

What is it?

The ESCAPE Open-source Scientific Software and Service Repository (OSSR) is a sustainable open-access repository to share scientific software, services and datasets to the astro-particle-physics-related communities and enable open science. It is built as a curated Zenodo community (https://zenodo.org/communities/escape2020) integrated with several tools to enable a complete software life-cycle. The OSSR is fully onboarded into the EOSC explorer (https://explore.eosc-portal.eu/search/dataprovider?datasourceId=re3data_____::c19518b015a3941a3e0675d398ca33f6). The ESCAPE Zenodo community welcomes entries that support the software and service projects in the OSSR such as user-support documentation, tutorials, presentations and training activities. It also encourages the archival of documents and material that disseminate and support the goals of ESCAPE.

How to contribute to the ESCAPE OSSR?

- Entry page
- Repository:
  - Zenodo Community
  - EOSC Portal Explorer
- Development Platform:
  - https://gitlab.in2p3.fr/escape2020/wp3
  - https://gitlab.com/escape-ossr

Data Repository
ESCAPE OSSR OSSR The European Science Cluster of Astronomy & Particle Physics Open-source Scientific Software and Service Repository
Open-source Scientific Software and Service Repository

Summary   **Publications (21)**   Research software (29)   Other research products (1)   Related Data sources   Statistics

- Aim of today
  - Follow up of first meeting of [OSSR open collaboration meeting](#) (03/2023)
    - Meeting Notes at [ESCAPE Cloud](#)
  - Three main areas of collaboration:
    - Policy, Strategy and Collaboration – this presentation
    - Onboarding – talks and update in second block
    - Technical Developments - hands-on of developers in third block

- ESCAPE transforms into the **ESCAPE Open Collaboration**
  - Partners use reasonable endeavours to achieve the objectives
  - Work will be managed workplan and current organisational structure
  - Partner contribute the time and effort necessary to complete the work

- Work Plan (currently) with 12 points
  - Common infrastructure, **repository and catalogue for software**, VRE, collaborative operations, citizen science, advanced technologies, HPC community, **virtual software institute**, career development, science projects, European Strategy for Data

- Strive to include new partners
  (e.g. for onboarding following "train the trainers")

ESCAPE EOSC to cell evolve to

reminder

The new ESCAPE Collaboration work programme

Instances

G. Lamanna, ESCAPE to the Future

VRE services

Programmes

ESCAPE CC
Operating the community-based "Competence Center" for EOSC-alignment, train and support, extended outreach, financial model for services and networking with other SCL-CCs

ESCAPE EVSI
R&I for an "European Virtual Institute for Research Software" for advanced technologies

ESCAPE DIOS | Data Infrastructure for Open Science
Access physical & e-infrastructures
Processing & Analysis
Security & Operations

ESCAPE OSSR | Open-source Scientific Software and Service Repository
Aggregator & Integrators
Sharing and Discover
Training & Support

ESCAPE ESAP | ESFRI Science Analysis Platform
Processing & Analysis
Sharing and Discovery
Training & Support

ESCAPE CS | Citizen Science
Sharing and Discovery

ESCAPE VO | Virtual Observatory
Processing & Analysis
Sharing and Discovery
Training & Support

ESCAPE COSO
Challenging "Open Science Objectives" by RI commitments in Open Science Projects (OSP) as well as Cross-Cluster Open Science Projects (COSP)

ESCAPE TECH
Bring the FAIRness within technology, R&D and innovation projects as well as explore new "close-to-sensors" low-latency open-data science

ESCAPE CARS
Career development and rewarding for researcher committing in Open Science. Planning, tracking, and assessing scientific knowledge production

ESCAPE SDSS
Building synergies on "Sector Data Spaces" for Society: Green deal, Health, Manufacturing, Education and Skills

Giovanni Lamanna

26/10/2022

- Goals & Mission statement for OSSR final workshop
  - Continue to maintain the OSSR
  - Collect software to provide additional visibility and citeability; strengthen software competence with quality in focus
  - Use of OSSR as forum to foster publication
  - Offer standards for new communities to join

By software curation & standards

Sharing best practices

Enable sustainability by encouraging open source software

Foster co-development of software

Organisation of Policy/Strategy group

- Group lead: Kay, Thomas

- Members: Christian, Mohammad, Marjolein

- Meetings: tbd

- Communication: email, Indico, cloud

Upcoming tasks

- Formulation of MoU or LoU

- Collection of topics

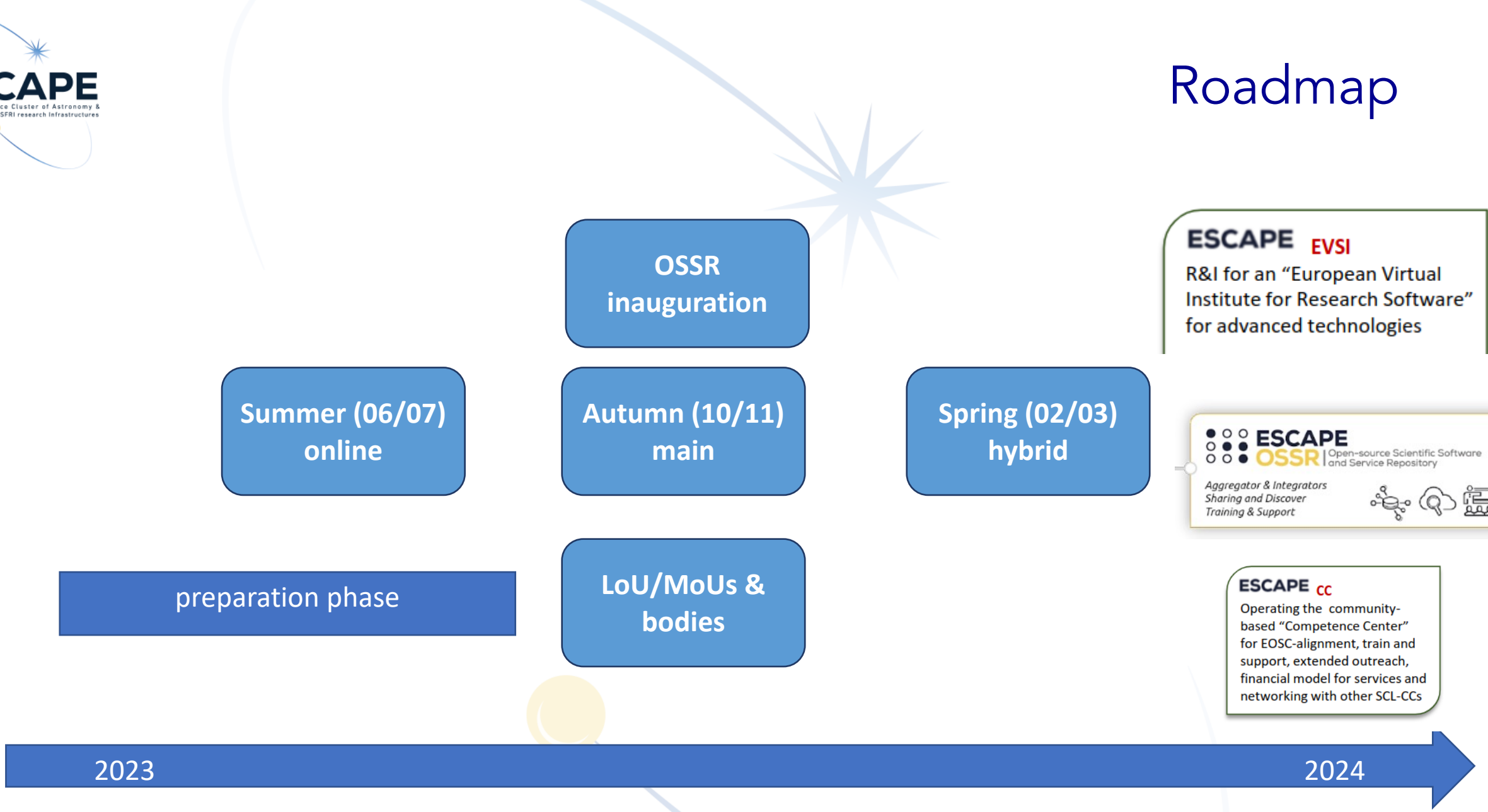Innovative Approaches

Best practices

Software quality

Training

Software Efficiency

Organisation

Roadmap

OSSR
inauguration

Summer (06/07)
online

Autumn (10/11)
main

Spring (02/03)
hybrid

ESCAPE EVSI
R&I for an "European Virtual Institute for Research Software" for advanced technologies

preparation phase

LoU/MoUs &
bodies

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2023

2024

OSSR Open Collaboration Meeting, K. Graf

- Present our ideas at the ESCAPE Open Collaboration Meeting
  https://indico.in2p3.fr/event/30249/

1st ESCAPE Collaboration Meeting
7 July 2023

First ESCAPE Open Collaboration Meeting - July 2023

7 July 2023
Zoom
Europe/Paris timezone

- ESCAPE Review Paper in Draft
  (Planned for Summer in as open letter to ORE)

- Feedback from ESCAPE Final Review: important that OSSR keeps on collecting the community software

ESCAPE Partners and Linked Institutions applied for funding in four EU calls:

- HORIZON-INFRA-2023-EOSC-01-01 (Clusters Cascading grant)

- INFRA-EOSC-2023-01-02 (Software Quality)

- HORIZON-INFRA-2023-EOSC-01-03 (Data Management Plans)

- HORIZON-INFRA-2023-SERV-01-02 (Access to Research Infrastructures)

  - 2 Proposals from community