

Building the EOSC together: The role of eInfraCentral, EOSC-hub and OpenAIRE-Advance

Wednesday, 10 October 2018 16:30 (15 minutes)

The concept behind promoting a joint presentation of the three projects –eInfraCentral, EOSC-hub, OpenAIRE-Advance –is a fitting approach to help drive forward and implement the EOSC and interlink **People, Data, Services and Training, Publications, Projects and Organisations**.

1. The challenge for research communities

People & Training: Due to a fragmented e-infrastructure landscape, end-users, such as researchers, innovators or industry actors, often are unaware of the e-infrastructure services available in Europe that could aid their work. Similarly, service providers and data producers have difficulty reaching out to potential users due to the lack of coordination and harmonisation across various e-infrastructures in order to support them in core EOSC-related activities such as open science. Even if users find out about the availability of a certain e-service, it is difficult to gather further information and compare it with other existing services. Service providers also lack user feedback on the ways they could improve their offerings. This leads to inefficient funding patterns through the emergence of overlapping efforts and as such, slower rates of innovation due to the lack of competition in the field.

2. Bringing the solution to EOSC

Projects, Publications & Services: eInfraCentral, EOSC-hub and OpenAIRE-Advance are the core initiatives in the implementation of the EOSC, actively contributing to the building of the EOSC service catalogue and portal. eInfraCentral creates a unified online service catalogue where users can search, browse, compare and access e-services. The **eInfraCentral standard Service Description Template (SDT) and catalogue** will provide the foundation for the catalogue of services to be accessed via the EOSC Portal to be launched in November. The SDT contains the prerequisites and attributes that are essential for the creation of customer-centric service descriptions. In addition, eInfraCentral facilitates the development of a shared language to describe services, fostering cooperation between infrastructure projects, communities and initiatives as well as sharing and reusing scholarly communication outputs (e.g. publications, research data, software) to support reproducible and transparently assessable science.

3. Jointly implementing the EOSC Portal

Data, Services & Training: The three projects will outline their collaboration around the building of the EOSC Portal. It is important to clarify that each project brings different elements and will use their previous outputs to further the implementation of EOSC. The presentation will highlight how eInfraCentral's already existing service description template, service catalogue, and portal will help build the EOSC Portal, along with the EOSC-hub marketplace. The presenters will also distinguish EOSC and the eInfraCentral catalogue, as there is a difference in their scope.

People & Organisations: The teams of eInfraCentral, EOSC-hub and OpenAIRE-Advance believe that the DI4R audience could greatly benefit from learning about the collaboration between these projects by clarifying any confusions around the development of the catalogue(s) of services and portal(s). Our session will conclude with an open discussion with the audience to understand what their **value-proposition** is and what they can bring to the table in helping build the EOSC together.

Type of abstract

Presentation

Summary

The concept behind promoting a joint presentation of the three projects –eInfraCentral, EOSC-hub, OpenAIRE-Advance –is a fitting approach to help drive forward and implement the EOSC and interlink People, Data, Services and Training, Publications, Projects and Organisations. The presentation will first outline the challenges that research communities face, then the three projects will describe how their collaboration will bring the solutions to these challenges in the context of EOSC. Finally, they will also share information regarding the implementation of ESC, clearing up confusions and answering questions from the audience.

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