Case studies and use cases

User journeys as means of effectively demonstrating value and engaging stakeholders

Engagement of research communities and service providers in EOSC
EOSC Symposium, Prague, Czech Republic
15 November 2022

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and the EOSC Semantic Interoperability TF

https://doi.org/10.17044/scilifelab.21542313

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A perspective on what works well

Journeys come in many shapes
Use cases and case studies can demonstrate value and engage stakeholders in requirements gathering.

Use cases and communities
ELIXIR draws on communities to share success stories and define use cases for its services.

Semantic interoperability use cases
Provide 1) input to the initiatives that are shaping EOSC and 2) examples and lessons learned to stakeholders.

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Use cases demonstrate value
Prevalent in contexts ranging from product sales, to EOSC projects, and healthcare governance

Adopters recognise themselves
Used in requirements gathering and communication

Builders can see the full picture
Used in development and validation of services

Policy can ensure representation
Mapping the landscape of stakeholders and how they are served by different use cases
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This page provides examples of "EOSC in practice" use cases or success stories that highlight how EOSC services and resources can support the daily work of researchers and innovators. Please scroll down to make the use cases appear.

If you wish to share your EOSC use case, please fill out the web form.

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**Run4science.org - Measuring environmental and biodiversity data... while running!**

We want citizens to measure their environment by using smartphones. Most of the citizen science initiatives are focused on one topic: it can be air quality, biodiversity.

**Kampal Artificial Intelligence for rare disease diagnosis**

In the context of the EOSC-hub project, Kampal Data Solutions is benefitting from storing the healthy and ill patients' registries to a database on EOSC infrastructure.

**Guardmanic - bot mitigation engine**

Web services owners struggle daily to protect their websites from bot traffic and their users from fraudulent digital ads or cryptocurrency web mining.
Case studies are real-world scenarios
Actual people and organisations adopting a solution in a specific context and outcomes of their efforts

Use cases can be business focused
How a stakeholder group can approach adopting a solution to achieve broader goals and outcomes

Use cases can be task focused
How a user interacts with different services and resources to complete a task

Conceptual models tie them together
Actors, components and resources involved and how they relate to more general categories
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Capturing case studies and use cases
Encourage the wider EOSC stakeholder community to contribute interesting and representative examples.

Indexing for adopters and builders
Compare and consolidate across stakeholders, tasks, goals and component of the EOSC IF.

Representing the EOSC community
Identify and fill gaps in the types of organisations, domains and goals captured by the task force.
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**Task Force Charter**

**Semantic Interoperability**

**Introduction**

EOSC and semantic interoperability

Challenges to semantic interoperability

**Main aims**

Objectives

- O1: Explorations into Semantic Interoperability
- O2: Knowledge exchange around Semantic Interoperability
- O3: Recommendations

**Core activities of the Task Force**

**Planned duration of the Task Force**

**Working methodology**

- Explorations/Case Studies
- Methods
- Output

**Dependencies**

**Membership**

**References**

**APPENDIX**

Case studies (examples)

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https://www.eosc.eu/advisory-groups/semantic-interoperability
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Coordination and steering through the TFs could be better with a shared vision and comprehensive picture

Host a shared task force catalogue
Keeping accumulated case studies in one place could increase their visibility and avoid redundant efforts

Promote best practices and resources
Pooling experiences, procedures and skills will help TF members focus on content over process

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