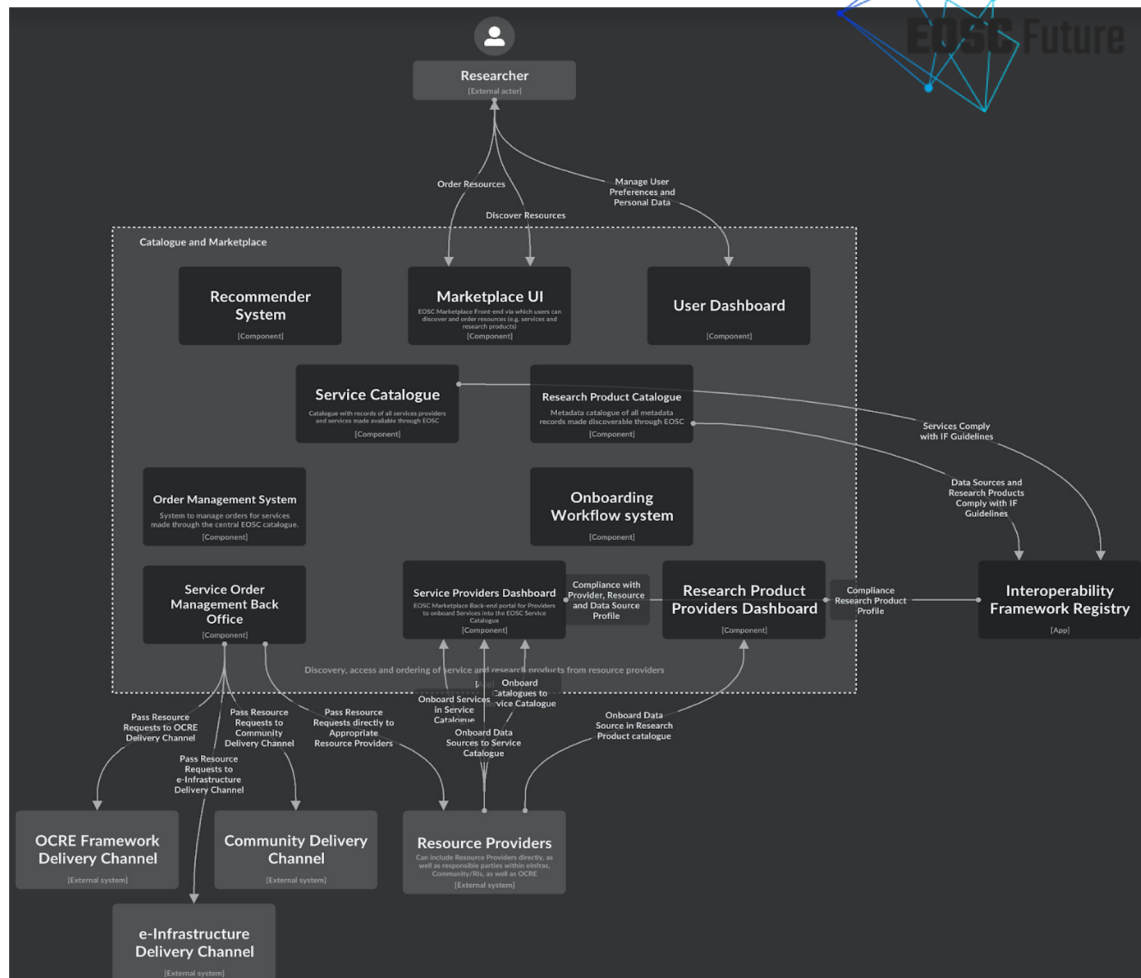
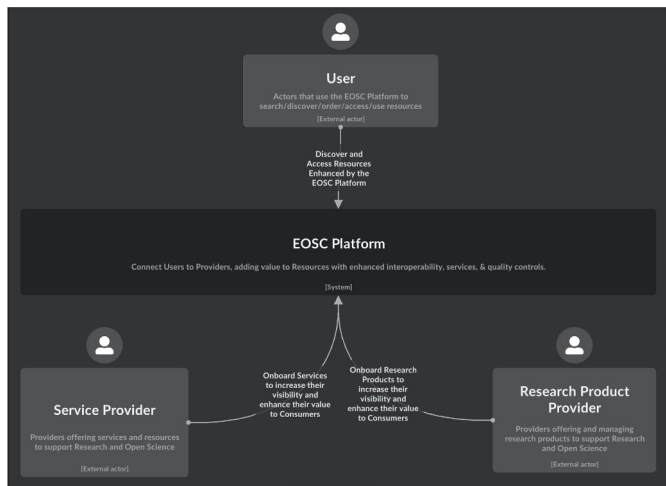


EOSC services for providers

Roksana Wilk, 26 October 2022



Catalogue and Marketplace architecture





Resources

All Resources

CATEGORIES

- Access physical & infrastructures 48
- Aggregators & Integrators 8
- Processing & Analysis 24
- Security & Operations 8
- Sharing & Discovery 14
- Training & Support 3
- Other 0

FILTERS

Scientific Domains

Find or choose from the list below

- ☐ Generic 48
- ☐ Generic 48
- ☐ Natural Sciences 24
- ☐ Earth & Related Environmental Sciences 8
- ☐ Biological Sciences 7
- ☐ Physical Sciences 6
- ☐ Chemical Sciences 3
- ☐ Computer & Information Sciences 3
- ☐ Other Natural Sciences 2
- ☐ Mathematics 0
- ☐ Engineering & Technology 14
- ☐ Other Engineering & Technology Sciences 5
- ☐ Electrical, Electronic & Information Engineering 4
- ☐ Environmental Engineering 4

cloud x All resour... Q

My EOSC Marketplace

84 Looking for: cloud

SUGGESTED

EGI Workload Manager

Manage computing workloads in an efficient way

Organisation:
EGI Foundation

cPouta Community Cloud

cPouta - IaaS for science

Organisation:
CSC - IT CENTER FOR S...

Rahti Container Cloud

Rahti - Container cloud for science

Organisation:
CSC - IT CENTER FOR S...

Part of 84 results Sort by: Best match 10 20 30 Items on page

Materials Cloud Archive

Materials Cloud Archive

A long-term FAIR data repository for computational materials science

Organisation: Materials Cloud
Scientific domain: Physical Sciences, Materials Engineering, Chemical Sciences

☐ Add to comparison ☐ Add to favourites

OTHER ORDER TYPE



OCRE Cloud Services by Cloud and Heat

OCRECloudandHeat

Managed Cloud Services for R&E

Organisation: GEANT Association
Scientific domain: Generic

☐ Add to comparison ☐ Add to favourites

ORDER REQUIRED



Search in catalogs

All catalogs

Search

All catalogs Publications Data Software Services Trainings

All catalogs (4545214 results)

All catalogs

Filters

Type of product

- ☐ dataset (2618818)
- ☐ publication (1702961)
- ☐ software (223024)
- ☐ service (345)
- ☐ training (66)

Access right

- ☐ Open access (2999887)
- ☐ Closed (5053)
- ☐ Restricted (10756)
- ☐ Embargo (3250)
- ☐ Ordered required (73)
- ☐ Other (24)
- ☐ Login required on EOSC Pillar, open access on the original resource page (4)
- ☐ Login required (1)

Scientific discipline

- ☐ 01 natural sciences (22464)
- ☐ 02 engineering and technology (118148)
- ☐ 0106 biological sciences (12758)
- ☐ 03 medical and health sciences (12552)
- ☐ 010603 evolutionary biology (10151)
- ☐ 0202 electrical engineering, electronic engineering, information engineering (9982)
- ☐ 0301 basic medicine (6543)
- ☐ 0302 clinical medicine (6517)
- ☐ 05 social sciences (5536)

SUGGESTED

GBIF Occurrence Download

A dataset containing 333 species occurrences available in GBIF matching the query: TaxonKey: Torpedo nobiliana Bonaparte, 1835. The dataset includes 333 records from 47 constituent datasets: 2 records from KUBI Ichthyology Tissue Collection, 1...

Triticum aestivum L. (BR0000009921078)

Belgium Herbarium image of Meise Botanic Garden.

Occurrence Download

A dataset containing 37 species occurrences available in GBIF matching the query: {TaxonKey}: {?Is Monardella pringlei A. Gray?} The dataset includes 37 records from 11 constituent datasets: 5 records from RSA - Rancho Santa Ana Botanic Gard...

22 November 2018

EGI Cloud Compute

Service Ordered Required English

Cloud Compute gives you the ability to deploy and scale virtual machines on-demand. It offers guaranteed computational resources in a secure and isolated environment with standard API access without the overhead of managing physical servers. Cloud Compute offers the possibility to select pre-configured virtual appliances (e.g. CPU memory disk operating system or software) from a catalogue replicated across all EOSC...

Show more

12 August 2019

OpenAIRE ScholXplorer

Service Open Access English

ScholXplorer populates and provides access to a graph of relationships between datasets and literature and between datasets and datasets. Objects and relationships are provided by data sources managed by publishers (e.g. CrossRef) data centers (e.g. DataCite and non-DataCite data archives) repositories (e.g. OpenAIRE itself and others). The service aggregates links expressed in RDF format and offers programmatic access...

Show more

Research Data , Dataset , 2017

Twitter Analytics Around Open Data Day 2017

City of Edmonton;

OPEN ACCESS

Published: 06 Mar 2017

Publisher: City of Edmonton Open Data Portal

Summary

Abstract

Our Tweets earned 19.7K impressions over this 4 day period before/after International Open Data Day

Subjects by Vocabulary

Medical Subject Headings: EDUCATION HEALTH CARE ECONOMICS AND ORGANIZATIONS STOMATOGNATHIC DISEASES


EOSC: TWITTER DATA

Subjects

Data Sharing, twitter, hackathon

 CHECK COMPATIBLE EOSC SERVICES

Download from

 **Federated Research Data Repository / Dépôt fédéré de données de recherche**
Dataset , 2017
Providers: Federated Research Data Repository /
Dépôt fédéré de données de recherche

Select start date

End date

Select end date

Document type

clear all

- ☐ Dataset (1682201)
- ☐ Image (934848)
- ☐ Other ORP type (31237)
- ☐ Audiovisual (6624)
- ☐ Clinical Trial (40)
- ☐ Film (14)
- ☐ Software (9)
- ☐ Other dataset type (4)
- ☐ Sound (1)

<< < 1 2 3 4 5 >

06 March 2017

Twitter Analytics Around Open Data Day 2017

Dataset Open Access Undetermined

Author names: City of Edmonton

DOI: <https://data.edmonton.ca/d/4fc3-4cxh>

Our Tweets earned 19.7K impressions over this 4 day period before/after International Open Data Day



Virtual Language Observatory

Virtual Language Observatory

A facet browser for fast navigation and searching in huge amounts of metadata.

Organisation: **European Research Infrastructure for Language Resources and Technology**

Provided by: **EUDAT**

★★★★★ (0.0 / 5) 0 reviews

☐ Add to comparison

☐ Add to favourites

Access the resource

FULLY OPEN ACCESS

→ [Webpage](#) → [Helpdesk](#) → [Helpdesk e-mail](#) → [Training information](#)

[Ask a question about this resource?](#)

ABOUT

DETAILS

REVIEWS (0)

A facet browser for fast navigation and searching in large amounts of metadata. This portal enables the discovery of language data and tools, provided by over 40 CLARIN centres, other language resource providers and Europeana. The VLO (<https://vlo.clarin.eu>) also provides access to the Virtual Collection Registry (<https://www.clarin.eu/content/virtual-collections>) metadata and can be used as a starting point to process language data with the Language Resource Switchboard (<https://switchboard.clarin.eu>)

filters

Order type

- ☐ Open access (3)
- ☐ Ordered required (0)
- ☐ Other (0)

Categories

- ☐ Discovery (2)
- ☐ Publication (1)
- ☐ Online (1)
- ☐ Transfer (1)
- ☐ File (1)

clear all

clear all

<< < 1 >

Virtual Language Observatory

Service

Open Access

English

Scientific domain: **Languages & Literature** Other Humanities Other Social Sciences

Organisation: **European Research Infrastructure for Language Resources and Technology**

A facet browser for fast navigation and searching in large amounts of metadata. This portal enables the discovery of language data and tools provided by over 40 CLARIN centres other language resource providers and Europeana. The VLO (<https://vlo.clarin.eu>) also provides access to the Virtual Collection Registry (<https://www.clarin.eu/content/virtual-collections>) metadata and can be used as a starting point to process

Show

SCIENTIFIC CATEGORISATION



Humanities



Social Sciences

- Humanities
 - Languages & Literature
 - Other Humanities
- Social Sciences
 - Other Social Sciences

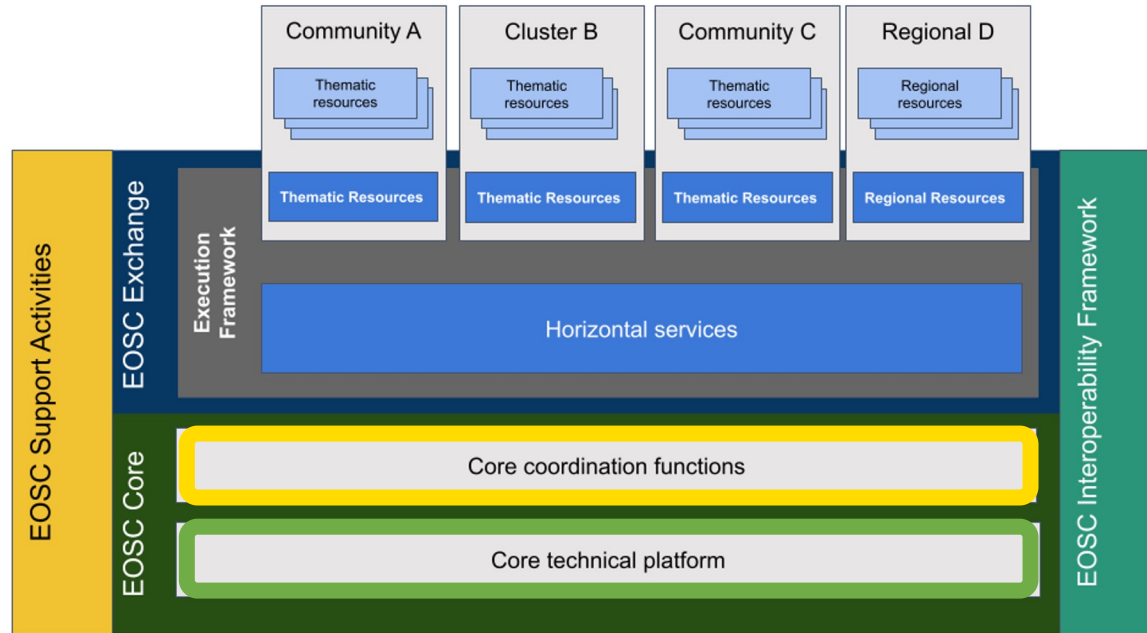
CATEGORISATION

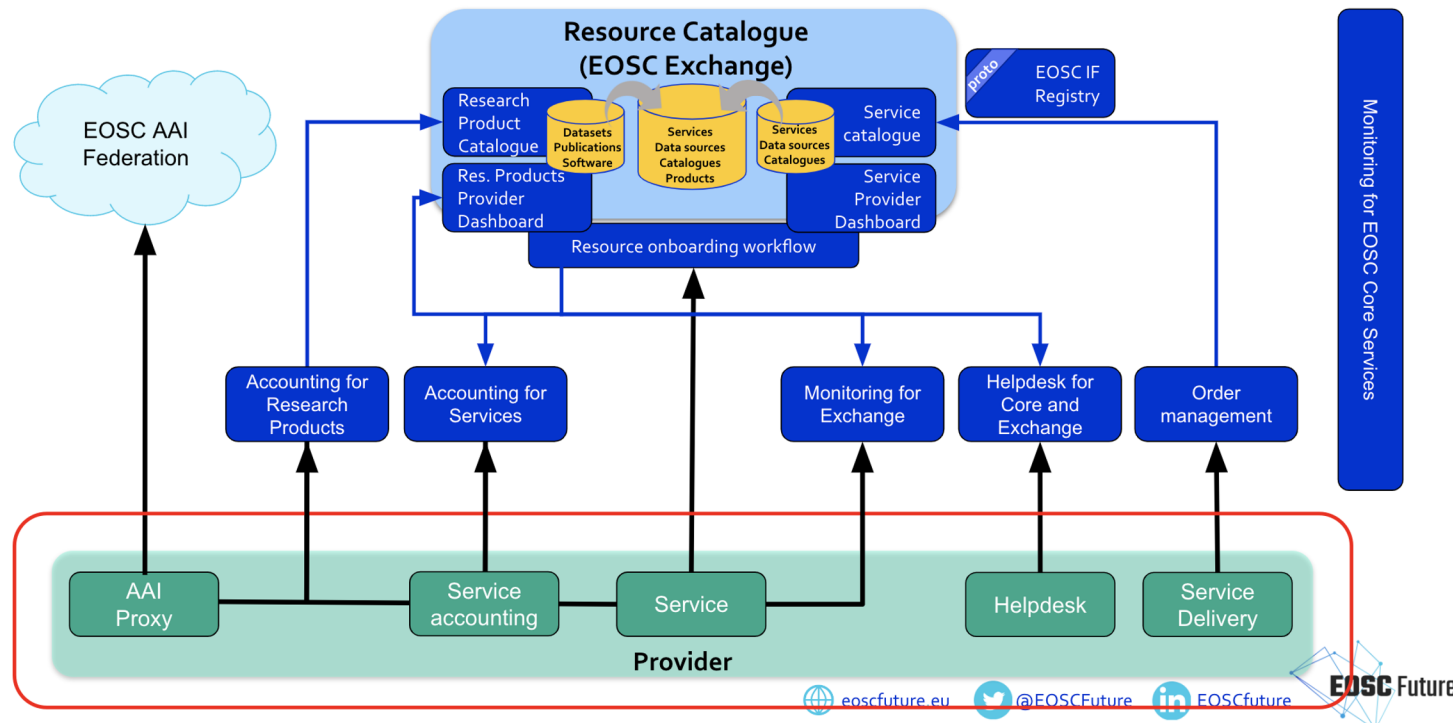
- Data Management
 - Discovery

TARGET USERS

- Researchers

- AAI
 - Accounting
 - Monitoring
 - Service and resource catalogue
 - Marketplace
 - Order management
-
- Onboarding of new providers and services
 - Coordinating resource access requests
 - User support coordination





Service name	Lifecycle status
Research and Collaboration Authentication CA Service for Europe (RCauth)	BETA
EOSC Accounting for Research Products	PRODUCTION
EOSC Accounting for Services	BETA
EOSC Explore	PRODUCTION
EOSC helpdesk	PRODUCTION
EOSC Messaging Service	PRODUCTION
EOSC Monitoring Service	PRODUCTION
EOSC Open Science Statistics	PRODUCTION
EOSC Order Handling System	PRODUCTION
EOSC Research Product Catalogue	PRODUCTION
1f EOSC Research Products Provider Dashboard	PRODUCTION
EOSC Resource Catalogue	PRODUCTION
EOSC Topology Grid Configuration Database (GOCDB)	PRODUCTION
1 Information Security Coordination and CSIRT	PRODUCTION

What?

- All available to integrate with different levels depending on the integration scenario

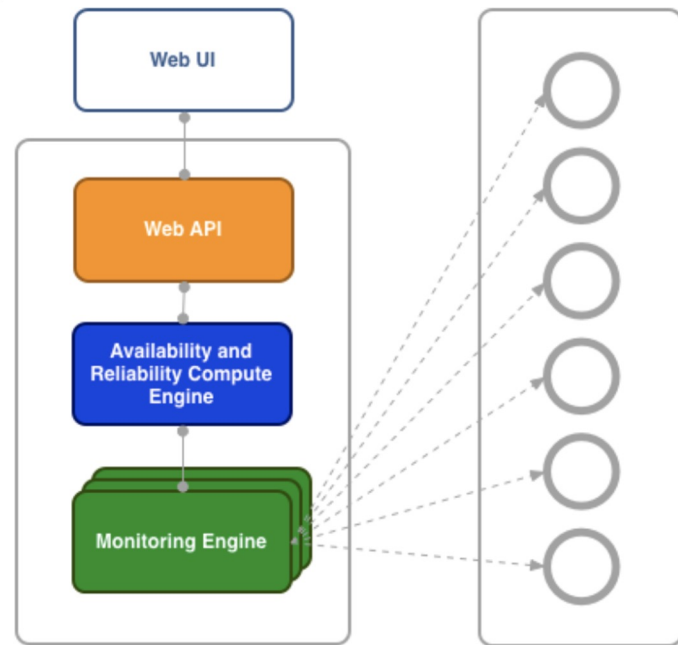
- Support from the technical teams

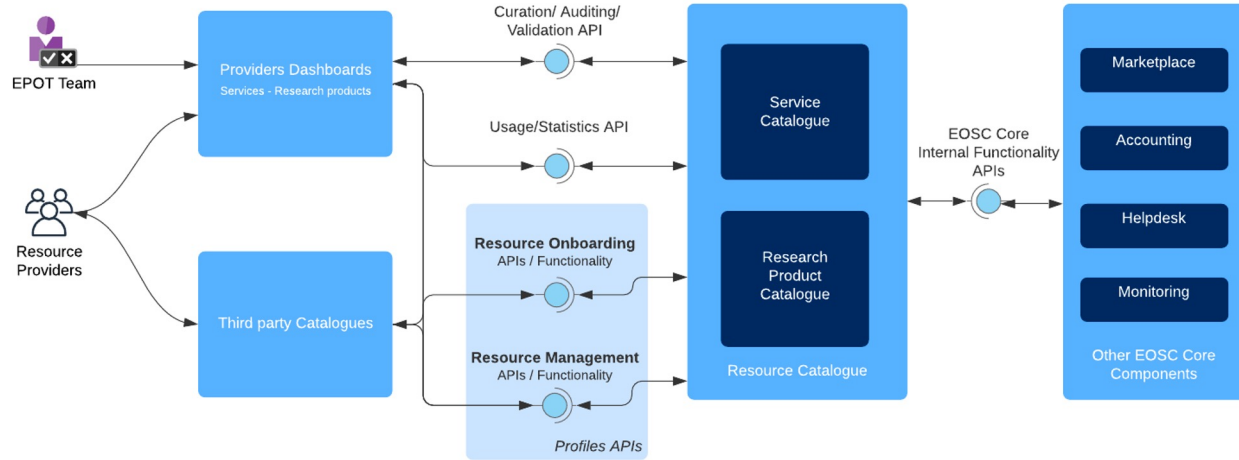
Why?

- Joining the open science initiative
- Support for operational part of service delivery (SMS)
- New user base (young researchers, long tail of science, interdisciplinary researchers)

5 supported use cases:

1. Monitor an Onboarded Service (central one)
service onboarded via the Providers Portal is exposed in EOSC Monitoring WebUI
1. Monitor an Infrastructure (community)
supporting custom monitoring requirements (topology,, probes, metrics, etc.)
1. Integrate External Monitoring service
accepting data from external sources
1. Combine Results of existing ARGO Tenants
topology and the results of multiple tenants need to be combined in a number of reports
1. Third-party services exploiting EOSC Monitoring data
the results of the EOSC Monitoring Service in an external service/dashboard

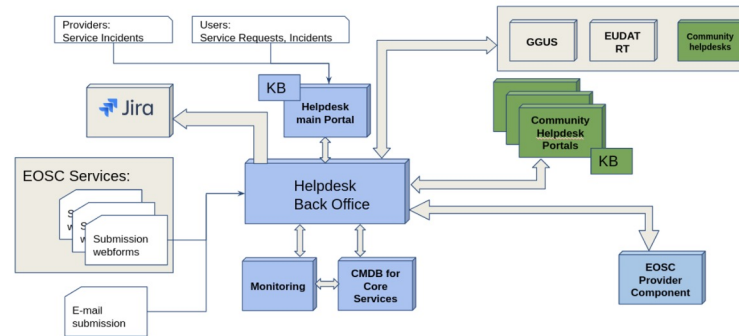




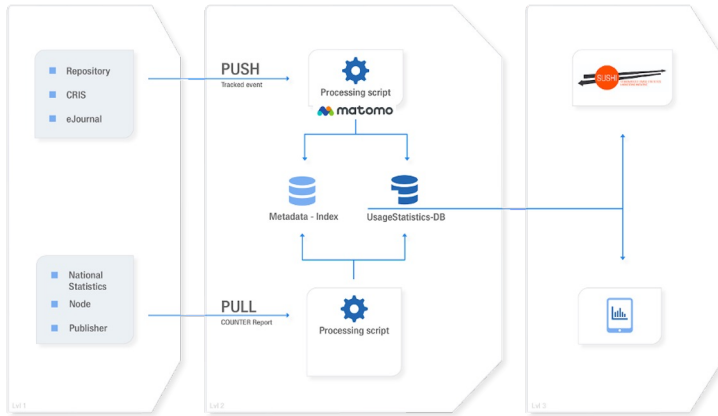
- providers, to register to the EOSC to become eligible to the onboarding of resources
- providers, to onboard their services/research products into the EOSC Service Data
- providers, to view the list of services registered in the EOSC portal and perform a variety of actions such as activate, deactivate, view usage statistics,
- EOSC Portal Onboarding Team (EPOT) members, to manage the onboarding process (approve, reject an application), manage the catalogue of providers and services and audit the validity of the catalogue entries.
- providers of catalogues, to add entire regional or thematic catalogs to the EOSC ecosystem

3 levels of interoperability with helpdesk, which correspond to the three integration paths will be offered:

- **Full integration:** this path corresponds to the integration of community helpdesks described in the previous section, which implies full synchronisation between EOSC Helpdesk and community helpdesk. This integration can be achieved by application of a set of helpdesk REST APIs. The exact integration guidelines should be defined based on the specifications agreed with the community.
- **Ticket redirection:** in this integration the EOSC helpdesk isto be used only as a contact point to redirect the initial request to the provider's or community mailing list without further integration.
- **Direct usage:** in this integration the EOSC helpdesk can be used as the ticketing system for the community and their onboarded services.



High-level architecture and integrations of the EOSC Helpdesk

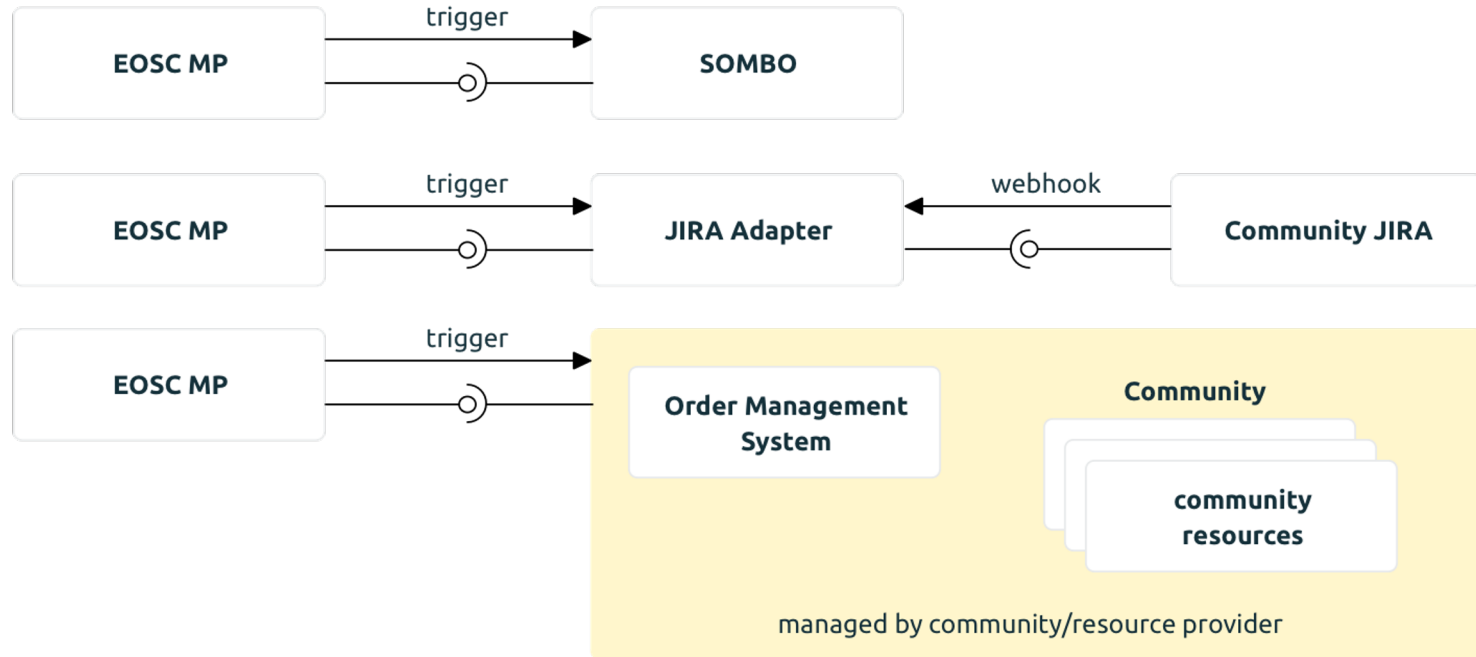


A **PUSH** Workflow which allows server side real-time tracking using platform specific tracking software or using a generic log file parser based on Python that parses log files. Usage events are dispatched to Matomo Analytics platform by exploiting the platform's API. The PUSH workflow supports anonymization of IPs.

A **PULL** Workflow that collects COUNTER CoP usage statistics reports.

How?

- registration of the Provider via EOSC provider's portal or via OpenAIRE Provide.
- installation of the tracking code
- tracking of usage events from the provider
- validation of tracking of usage events from the provider
- retrieval of usage statistics reports presented in EOSC provider's portal or at OpenAIRE Provide, or via a SUSHI-Lite API endpoint.



WHO?

- Providers building their services in need to integrate capabilities enhancing their professional delivery
- Providers with an operational service without a structured approach towards order management / access request management

WHY?

- Integrating a service with EOSC Core Order Management service improves the maturity of the services and its utility to potential users. Integration allows providers to benefit from the existing order management framework, avoiding the need for providers to build such capabilities themselves.
- Capability to express different pre-defined 'flavours' of the service using MP offers to better target your audience and better define the service's capabilities
- Possibility to define your own ordering metadata, to accurately deliver the service
- Possibility to communicate with the user in the scope of the order

WHO?

- Providers using JIRA for order management purposes
- Providers with mature service delivery sustaining their own OMS

WHY?

- Having EOSC Front-Office as a new channel for potential customers
- Sustaining one tool as a OMS for the service provider
- **Added value for your potential users:**
 - valuable and useful to users. since they benefit from the existing order management framework. Users value the use of a common ordering framework – both for single services and for bundles of services that can be “ordered” simultaneously.
 - With more providers joining the EOSC OMS (using one of the integration options) EOSC user has one central place to manage EOSC resource orders and communicate in the scope of these orders

Thank you

