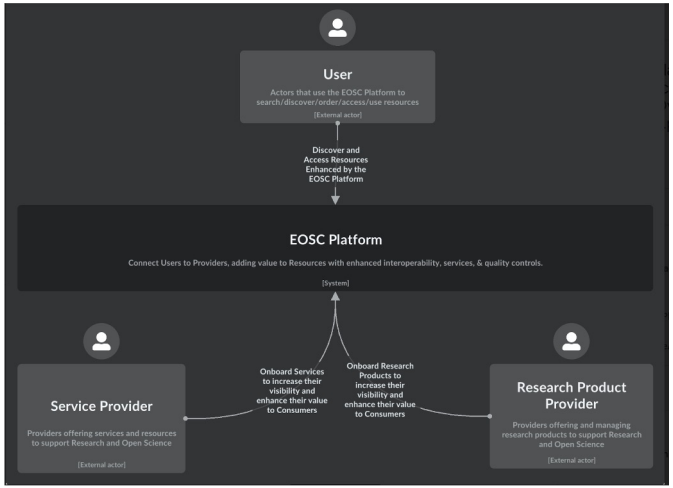
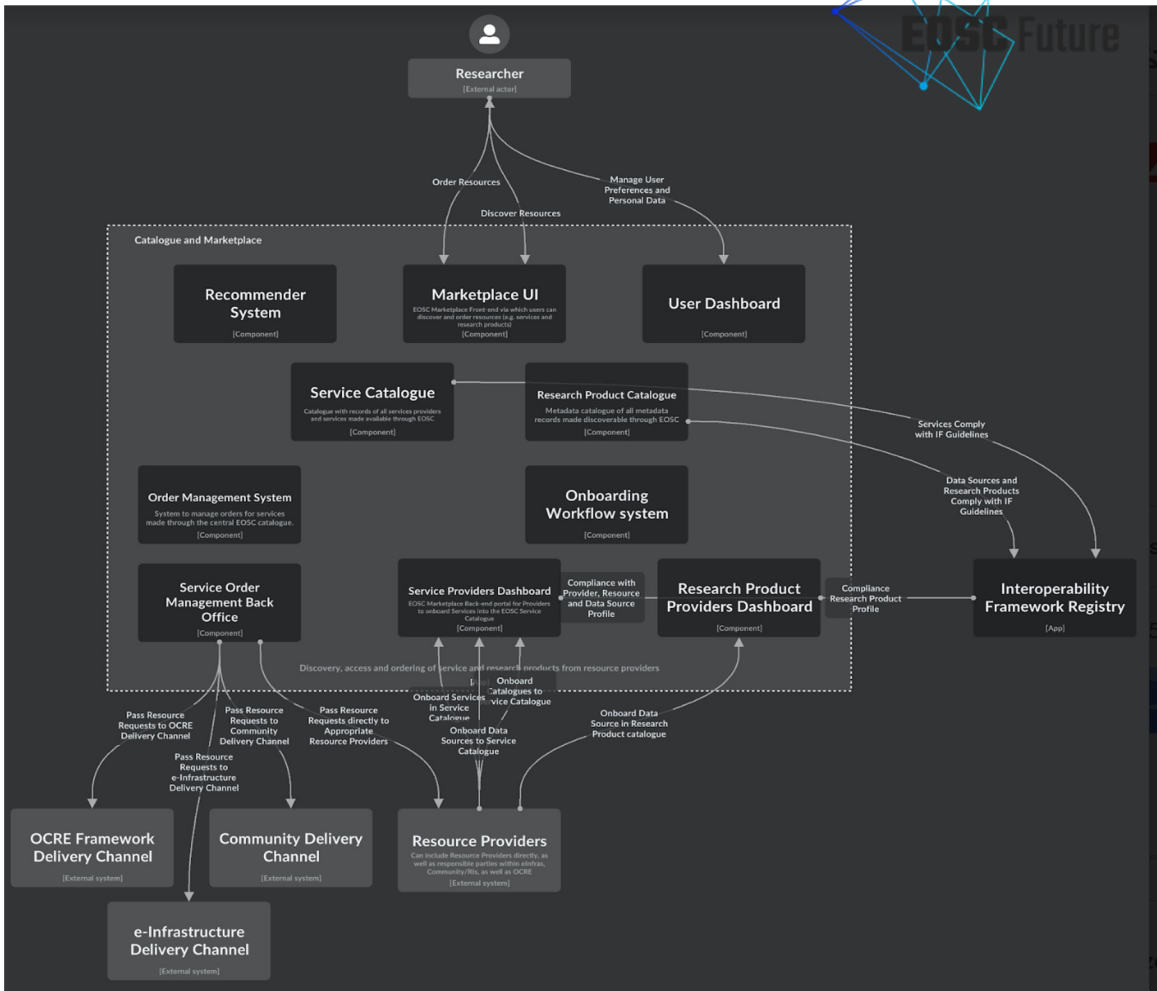
EOSC services for providers

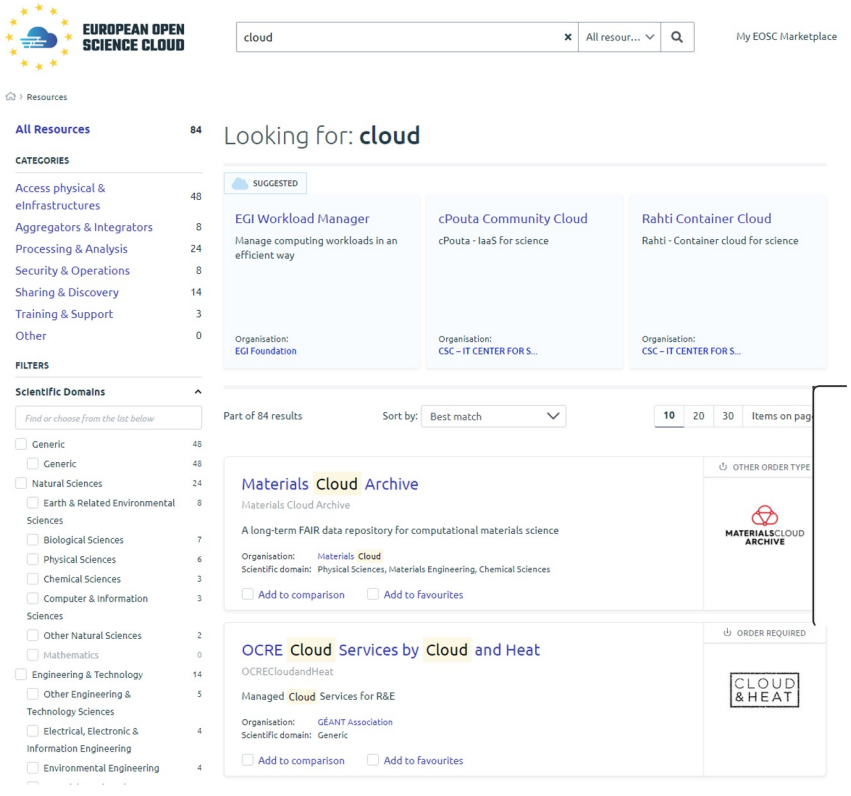
Roksana Wilk, 26 October 2022

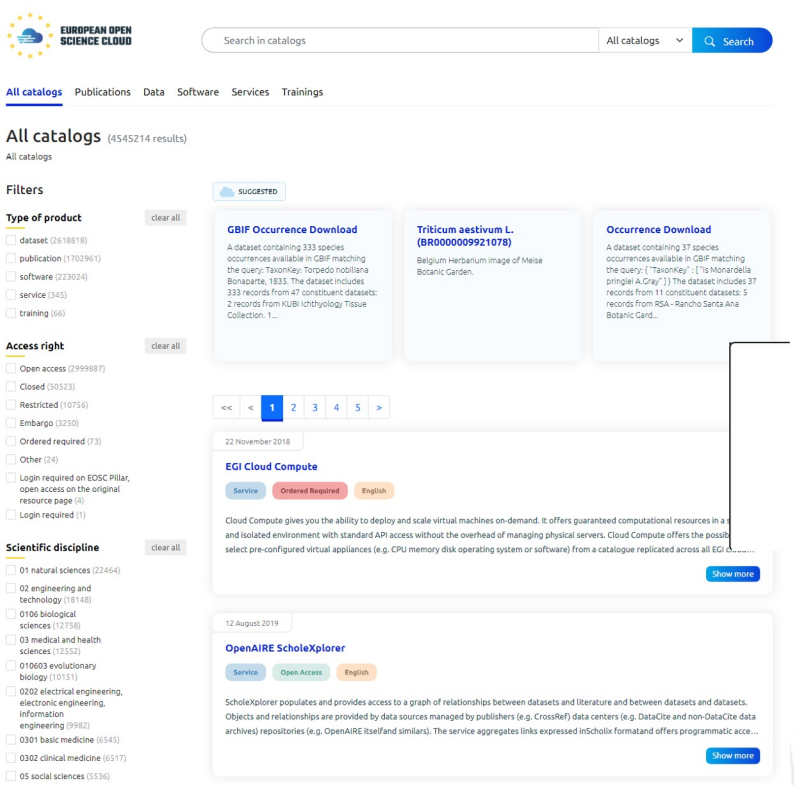
Catalogue and Marketplace architecture





Catalogue and Marketplace





Catalogue and Marketplace - research products

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

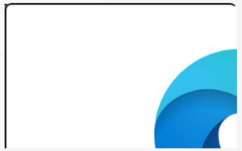
CHECK COMPATIBLE EOSC SERVICES

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

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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)

<< < 1 2 3 4 5 >

06 March 2017

Twitter Analytics Around Open Data Day 2017

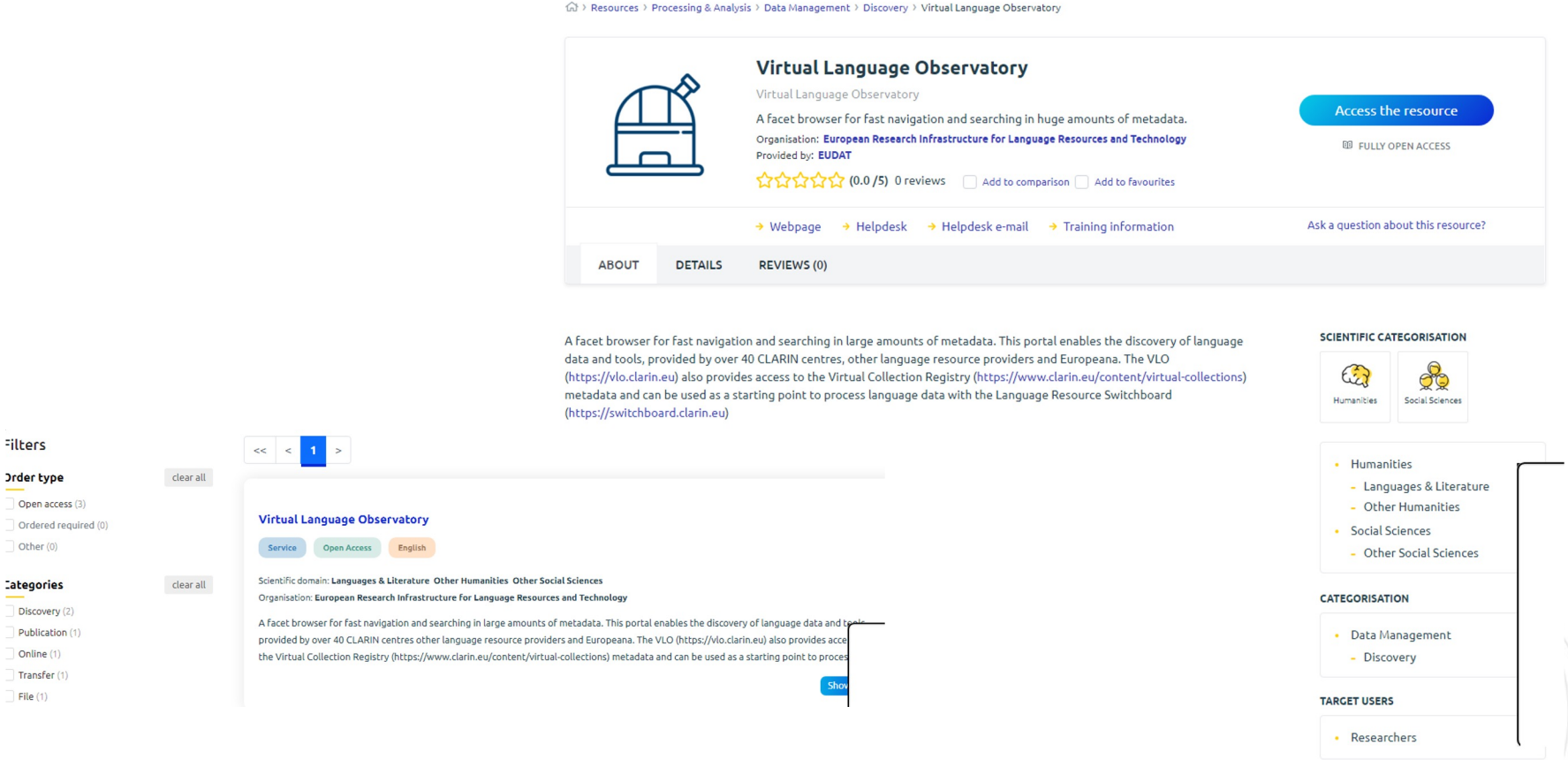
Dataset | Open Access | Undetermined

Author names: City of Edmonton

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

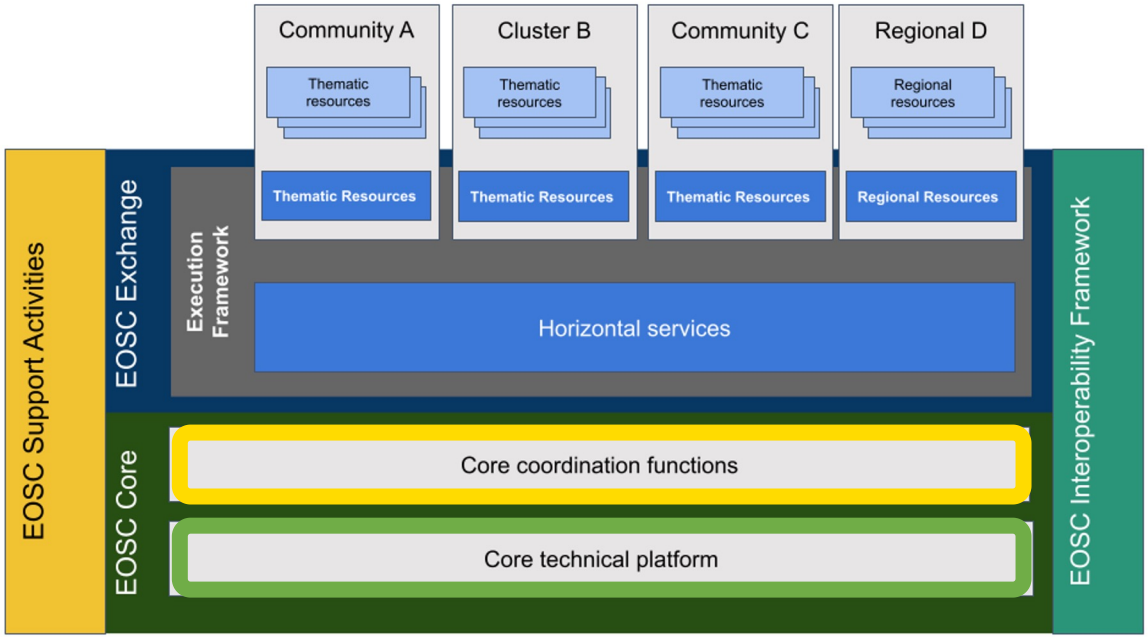
Our Tweets earned 19.7K impressions over this 4 day period before/after International Open Data Day

Catalogue and Marketplace - services



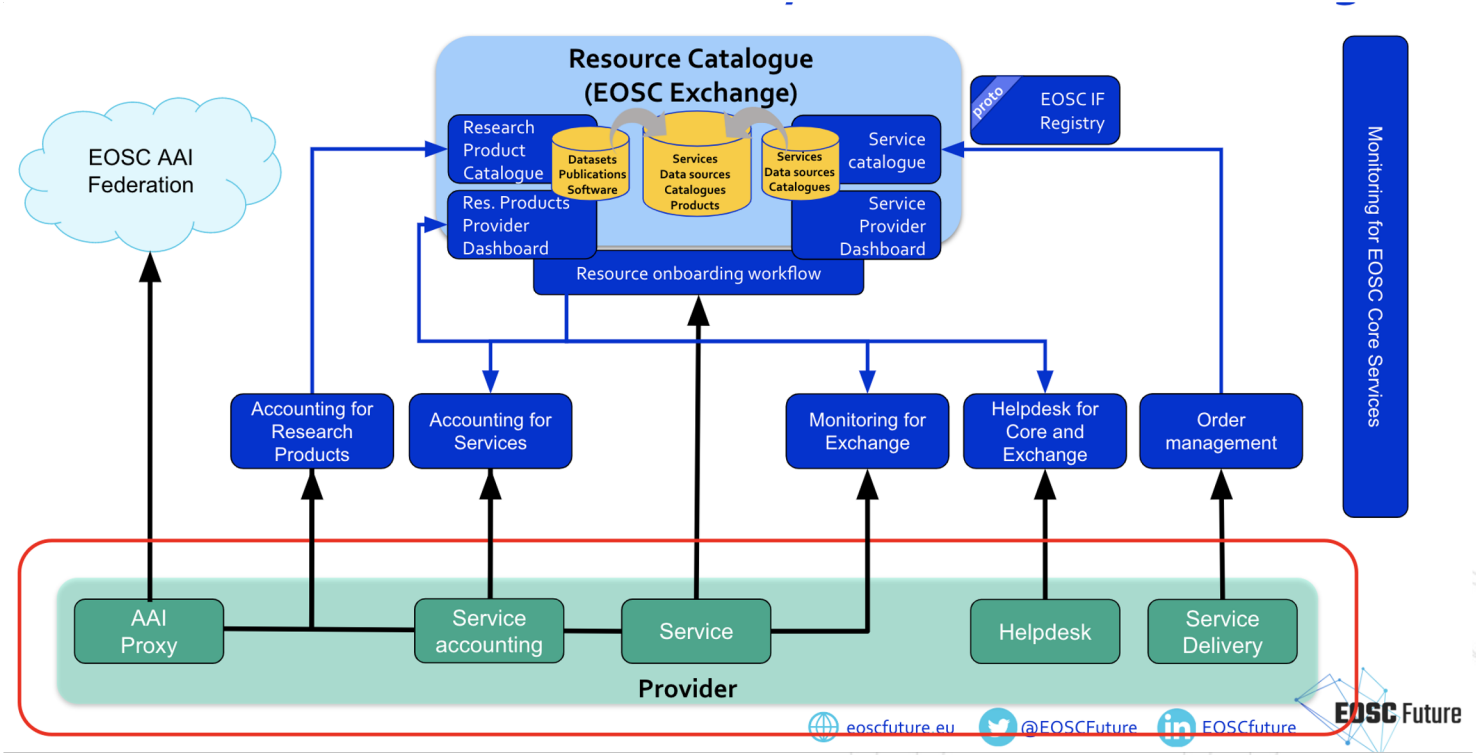
EOSC architecture one more time

- AAI
- Accounting
- Monitoring
- Service and resource catalogue
- Marketplace
- Order management



- Onboarding of new providers and services
- Coordinating resource access requests
- User support coordination

EOSC architecture one one more time



EOSC core services

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
EOSC Research Products Provider Dashboard	PRODUCTION
EOSC Resource Catalogue	PRODUCTION
EOSC Topology Grid Configuration Database (GOCDB)	PRODUCTION
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

EOSC monitoring

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

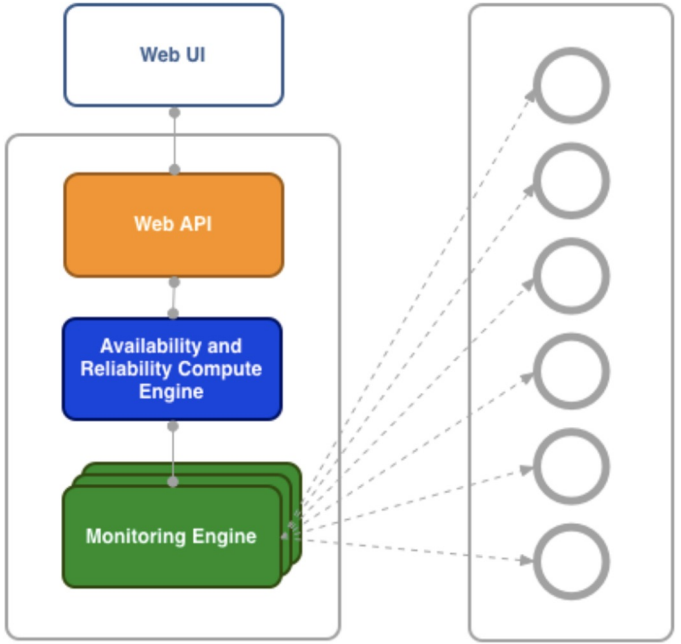
accepting data from external sources

1. Combine Results of existing ARGO Tenants

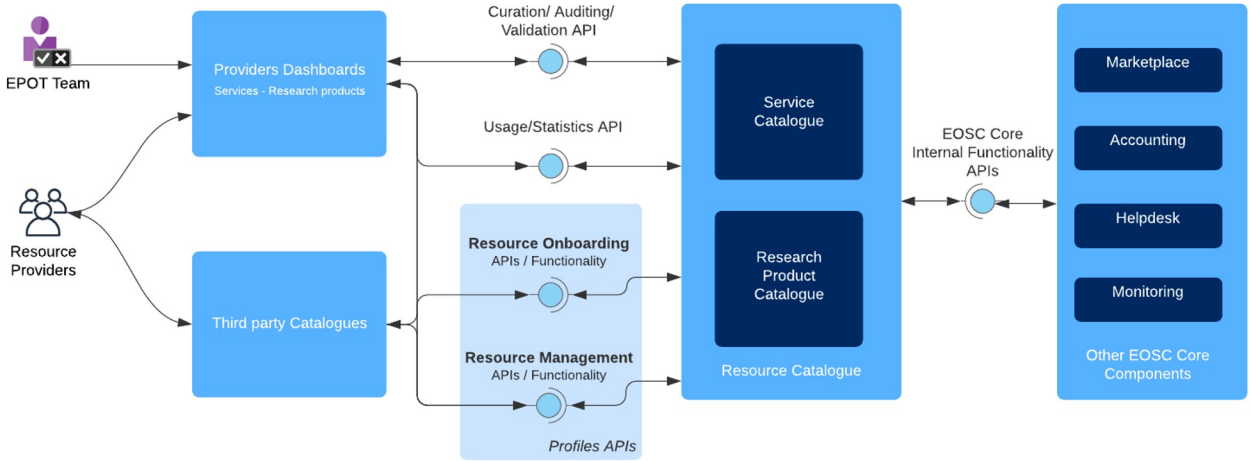
topology and the results of multiple tenants need to be combined in a number of reports

1. Third-party services exploiting EOSC Monitoring data

the results of the EOSC Monitoring Service in an external service/dashboard



EOSC Resource Catalogue

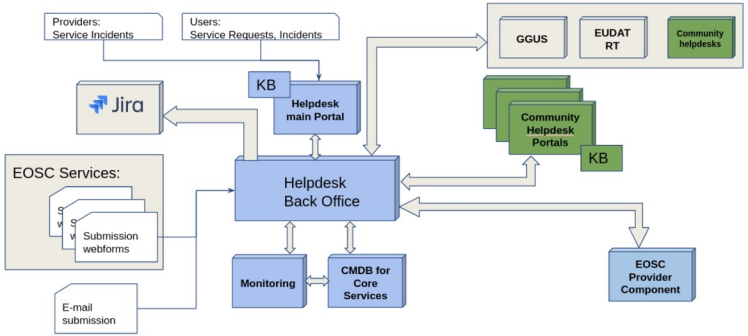


- providers, to register to the EOSC to become eligible to the onboarding of resources
- providers, to onboard their services/research products into the EOSC Service Data
- providers, to view the list of services registered in the EOSC portal and perform a variety of actions such as activate, deactivate, 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

EOSC Helpdesk

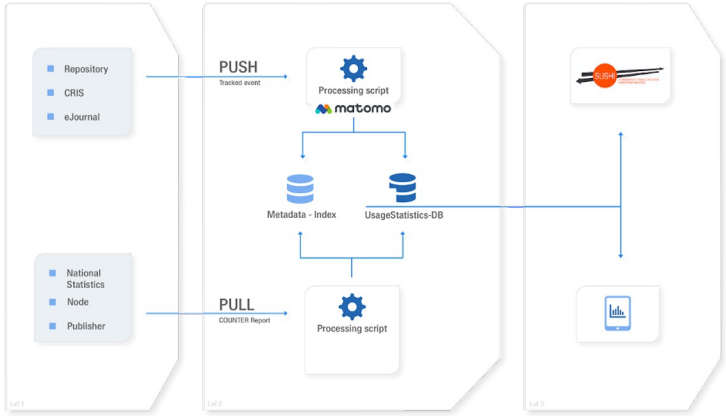
3 levels of interoperability with helpdesk, which correspond to the three integration paths will be offered:

- ***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

EOSC Accounting for research products



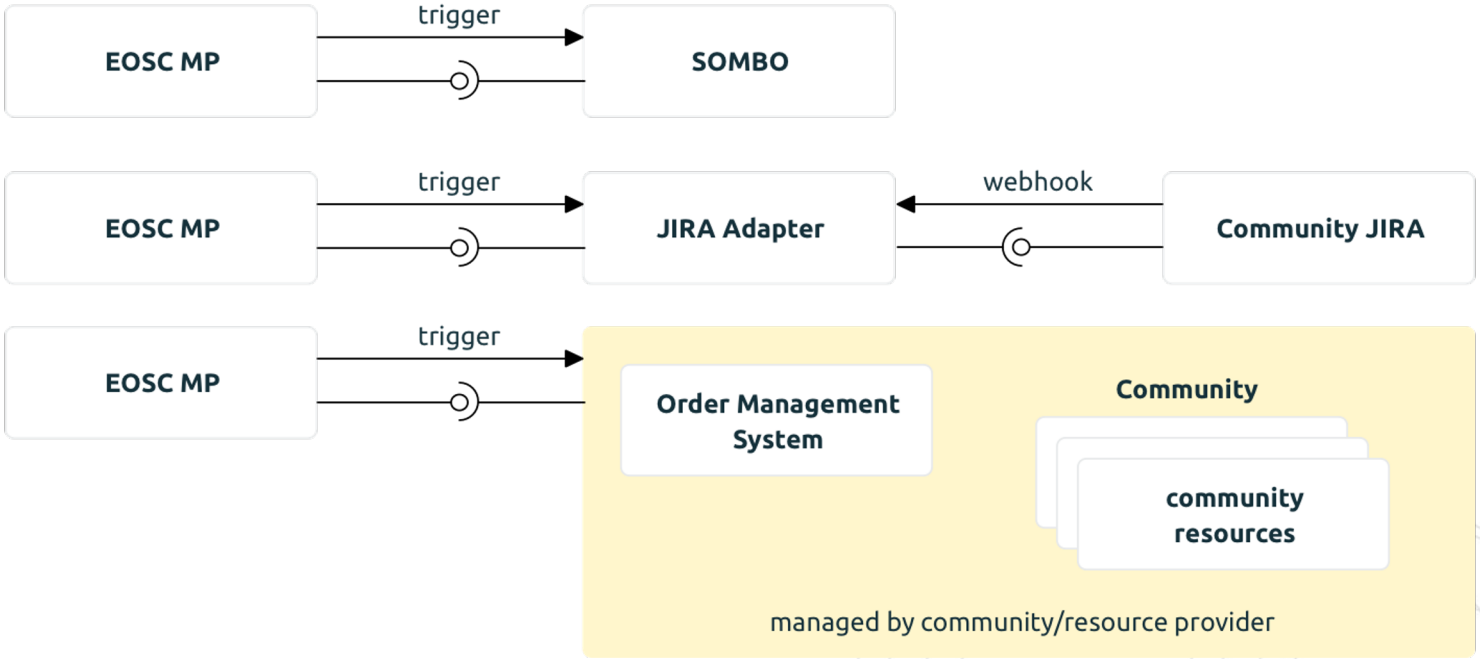
A ***PUSH*** Workflow which allows server side real-time tracking using platform specific tracking software or using a generic log file parser based on Python that parses log files. Usage events are dispatched to Matomo Analytics platform by exploiting the platform's API.The PUSH workflow supports anonymization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

EOSC order and access management



OMS integration no. 1

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

OMS integration no. 2 & 3

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

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